


BRILLIANTLY ENGINEERED FOR PERFORMANCE SKILLFULLY STYLED FOR APPEARANCE

## SPECIFICATIONS

FREQUENCY TANGE: FM, $88-108 \mathrm{MC}$, AM, 530.1650 KC . ANTENNA INPUT: FM, 300 ohms, AM. Ferrite leopstick and high impedonce externol antenno. DISTORTION: less thon $1 \%$ af roled oulput. FREQUENCY RESPONSE: FM. $\pm .5$ DE 20 to $20,000 \mathrm{cpi}$, AM livity $80 \mathrm{UV} / \mathrm{meter}$ CPs. SENSITIVITY: FM, 5 UV for 30 De ouibting. AM, Loop IEHM discriminotor petek to peok separation, AM, 8 KC bandwidih, 6 DB down. IMAGE TEJECTION: 30 D: minimum. HUM LEVEL: 60 db below $100 \%$ modularion: TUEE COM-
 $51 / 4$ high $\mathrm{K} 9 \%$ wide $\times 9 / \mathrm{m}^{2}$ deep (encluding knobi). CONSUMPTON: 30 wolli. For 5hpg. wt., 9 lbs.

## HIGH QUALITY FM-AM RECEPTION

 MAKES IT POSSIBLE TO ENJOY
## AT MINIMUM COST.

## ONLI 52.50

- ARMSTRONG FM CIRCUIT WITH FOSTER-SEELEY DISCRIMINATOR
- AFC DEFEAT CIRCUIT WITH FRONT PANEL CONTROL
- GROUNDED GRID TRIODE AMPLIFIER
- meets fcc radiation specifications

The excellence of ifs design and the quality of its camponents combine to provide this compact high-fidelity FM-AM tuner with superb characteristics and unbelievable performance. The funing shaft has e fiywheel counterweight making it pleasant to fune using a slide-rule dial. Incarporates dependoble AFC which can be defeated for accurate carrier centering funing by pushing in on the funing knob. This defeat is momentary, since the knob springs back to normal AFC position when released. Feotures a low noise front end ochieved by means of a triode grounded ampllfier ond triode mixer. An AC conveniance autlet mounted on the reor of the chassis is controlled by the power switch. Truly a quality funer at a budget pricel Shpg. wh., 9 lbs.

## COMPIETE FN-AN PIIONO CONBINATION



## MAXIMUM

## HI-FI PERFORMANCE,

QUALITY, AND VALUE

This exclusive moderotely priced complete music system is one of the greafest hi-f values ever affered the music is one of the greafest hi-fi values ever affered the music This FM-AM PHONO System delivers rich full-bodied cound for both brilliont FM.AM reception ond outstonding roproduction of records. Hightighting this fine system are the new Lafayeffe Model LT-IO FM-AM Tuner and the new Lafayette LA-59 18 Watt Mi-FI Amplifier which ochieve fruly ostonishimg performance. System includes the ochieve ruly ostonishing performance. System includes the lectivity ond sensitivity ond featuring easy precise funing the new LA-s9 18 Waft omplifier with frequency response from 20-40,000 cycles and authenticly reproduces the low est bass notes through the highest treble avertones; the famaus Garrard Madal RC-121 "Renown" 3-Speed Automotic Manuol ond Intermix Record Changer equipped with G.E. Triple Play Cartridge and Genuine G.E. Diamand and Sapphire Siyli; the new Lafoyette SK-58 12" Coasial Hi-Fi Speaker with Level Brillionce Contro s fomous for its thrilling wide range performance. The defure components and features of this system make if a truly outstonding volue. System is complote with plugs and cables and ready for simple-trouble free custom installation. Shpg. wi., 50 lbs . Amplifier supplied with case.

HF-155 Camplete system.
less tuner enclosure.
164.95
ML-100 Metal enclosure far funer ........Net 5.00

Printed in U.S.A. ENTIRE CONTENTE COPYRIGMTEO ISE6 EY RAOIO WIRE TELEVIBION, INC.


## THE MOST EXTRAORDINARY HI-FI VALUE EVER OFFFRED 20-40,000 CPS-6 INPUTS-24 POSITIONS OF EQUALIZATION

Lafayette is mare thon just praud-we're really oxcited over this mojor occomplish. ment in the field of high fidelity amplifiers. You'll be oxcited roo, If you compare it with amplifiers selling for up to twice the price. It uses the nowly developed EL84/ 6BOS power oufput tubes, ond it's packed with every practical feoture that mokes a werth-while cantribution to high fidelity reproduction. It hes a full 18 watts output, peak of 30 wofts, of only $1 \%$ hormanic distortion. The fromuency response is phenomenolceven at over $83 \%$ of full roted output, it is within $\pm 1 \mathrm{db}$ fram 20 to tive foedbock loops virtually eliminote distortion. It is extremaly sensitive, requiring only 8 MV of mognetic phano input and 0.3 V at funer, tapes, or TV input for full 18 oniy 8 MV of mognetic phono input and 0.3 Vat funer, tape, or TV input for full 18 woH eutput. Separate rolt-off ond turnover cantrals give choice of 24 pasitions of Both the rumble fliter, which eliminoles extranoous low frequency noisen such or tath the rumble fliter, which eliminates extraneous low frequency noiser such of himh fequencies of low valume levels, may be cut out of the circuit of will. Both the bass and treble controls ore continuausly vorioble so they moy be sel of ony point from sxtreme beost to extreme cut to get the exoct tonal bolonce desired. There are 5 input jacks so you can recard fram Rodio, TV, Tape, magnefik phano cortridge, or crritatceromic phono cartridoes. Also provided ore on output fack for playing iope and 3 output tops for 4,8 or 16 ohm speokers. Rear of chossis hos hum batancing control, $110 \vee \mathcal{V C}$ occessery outlet to plug in rodio, resord player, etc., and fuse mounted in extractor post. Tubes ore 3-12AX7, 2-Et84/ $\Delta B O S$ ond $5 Y 3$ rectlfier. Cese thatures modern streomlined "pancake" styiling, with beoullful sotin-gold panel. gold cerforated coge, attractive centrasting dark maroon trim and lettering, and white knobs. Front it removable for eosy ponel mounting. IMMORTED TO SAVE YOU MONEY. Sizo: $111 / 2^{\prime \prime} W \times 81 / 2^{n} D \times 41 / 2^{\prime N}$. Shpg. $w$. Ia lbs.
LAFAYETTE LA-59 Ampllfier................................................................................ 64.50

## LAFAYETTE LA-59 <br> TECHNICAL SPECIFICATIONS

POWER: 18 watts narmal, 30 wotl peak, of $1 \%$ harmanic distortion. FREQUENCY: $\pm 1$ db from 20 to 40,000 cycles of is watts. EQUALZATION: 24 positions to etc. LOUDNESS CONTBOL: On-Off, mointoins high and low frequancies of low tevels. VOLUME CONTROL: Smeoth, continuausly vorioble. SASS CONTROL: Continuously varioble; glves 16 db boost to 16 db cut of 50 cycles. TRERLE CONTROL: Conrinuausly vorloble; gives 12 db boont. to 15 db cut of 10,000 eycles. HUM CONTROL: Balancing contral on rear of chassis. INPUTS: 5 jacks for radio, tope, TV, magnetic phona and erystal or ceromic phono. OUTPUTS: Tope iock and choice of 4,8 or 16 ohm speoker. SENSITIVITY: Full roted output with input of only 8MV in magnelic input ar 0.3 V in radio, tope or TV. QUPETNESS: Nolse plus hum is 75 db below moximum output an radic, TV, fape inputys 70 db on phano inputh 54 db below effective progrom leval with 10 MV input. FEEDEACK: 3 nogolive feedbock loops. 20 db feedbock araund valtooe ond power omp stoges. TUBE5: 3let for phono, funer, Etc. FUSE: Mounted in extractar post for sory 110 V AC oufMOUNTING: front removoble for simple, fost oxanal maunting STYER Meplocement.


# Special! inTRODUCTORY OfFER 

## Reg. Price 158.55 <br> SALE 119.50

## LAFAYETTE MATCHED HIGH FIDELITY PHONO SYSTEM

## Nothing Finer At This Price



## MAFA)IDJIF COMPLETE HIGH FIDELITY



## TRULY FINE HIGH-FIDELITY CONVENIENTLY PACKAGED COMPLETE FM-AM CUSTOM MUSIC SYSTEM



Page 4

## MUSIC SYSTEMS at ROCK BOTTOM PRIGES!



## COMPONENTS

TUNER-AMPLIFIER 225.00

Regular Price 322.81

DELUXE FM-AM CUSTOM MUSIC SYSTEM SALE! Only...259.50 YOU SAVE 63.31!



## HARMON-KARDON \& BOGHN HIT-FI UNITS




TA-10


## T-120 "RONDO" FM-AM TUNER

cuitr. A deast for the eyes as eel as the pars its brushed conper and black color lends a welcome color contrast Armstrong circuit uith limiter and FosterSecley Diseriminator. Automatie freguenev, rontrol. ed grid amplifier and triode mixer. Rumble filter. All: Superheterodyne with A.V.C. $\overrightarrow{10}$ KC whixtle fitter.
 otuber mlus rectifier. Controls liotal 2) Function tuning: Level contrib pemits attenuation of outhut
signal. Radiation: Within FCC requirement size $3^{3}$ signal. Radiation: Within proc requirements. size outsut




#### Abstract

10 WATT AMPLIFIER TA = 10 "SOLA FM-AM TUNER" Combines FM-AM tuner, reamp and hivif amplifier on a remarkable compact Assis Smartly styled Ifieal for a space-saving hi-f system. Needs only a speaker and its ready to play. Armstronk circuit and FosterNeeley diacriminator. Automatic frequency control amplifier and triode mixer. AM superheterodyne with amplifier and riode mixer. Ahl superheterodyne wirh A.V.C. and ferrite antenna. All the fine features of T-10 iuner and PC. 200 amplifier are included Out $T-10$ tuner and PC. 200 amplifier are included. Output 10 watts at $3 \%$ IM distortion. Response $\pm 1$ db, 30 to 10,000 cycles at 10 watts. Controle: Function (AM, to 0.000 cycles at 10 watts. Controls: Function (AM, FM, AFC, AUX, PHONO): loudness; treble: basy: rumble filter: contour equalization; speaker selector. Housed in copper and black metal case. For $110-120$ volt 60 cycle AC. RADIATION: within FCC requirevolt 60 cycle AC. RADIATION: within FCC requirements. Size: $4^{\prime \prime}$ wide, $131 / 4$ "high, $13^{\prime \prime}$ deep, Shps, wt.. 25 lhs: TA. 20 Solis FM-AM Tuner".


## T-10 "OVERTURE" FM-AM TUNER

Abrilliantly anginepred new PM AM tuncr employing the wern thext in printed circuit production technique*: (hesigned t" mateh any hi-f aniplifier with controls. eriminator, Autumatic frequency contrul. Frequency
 puicting. As 20 miernvolts. Output high impedance. 7 tulues plus xelenium rectifier with AM ferrite loop : Cntenar. Hum level Bn dh below. 100 of modulation. Controls: Function (Uf, FB-AFC. FM, AM) brushed :rpper, cage matte black. Edge lighted dial Elass:
 T-10 - "Overture"


## NEW BOGEN R. 620 FM-AM TUNER

Hero is a high fidelity tuner for those who require fine FM. AM music reproduction dial nointer assure pasy precist tuning throush the full fy heel drive and lighted circuit fentures a built-in line cord antenna, triouty RF and tind AM bands. The FM nolsi", balance ratuo detectur and an AVC circuit which trinde mixer for minimunt strong siznal conditions. The K 520 accommudates both $i 00$ ont overloading undet
 There is onls 2 distortion at 1 olt on hoth AMy and FM, Alas a Tuning control and



 1-6BEG. 1-6AlV. 1-bAL5 and 1-6X4. Power, in whts. 117 wits. 60 CPS Dimen-



## MODEL RR-501C FM-AM RECEIVER

Here is high. Fidelity indio reception at surprisingly moderate cose The new Bogen FM-AM taner, versatile preamp, fier and fingle compact chassis supertheterodyne need only he connerted to a loudsseaker and it is reads in sing. TECMNICAL SPECIFICATIONS: Frequency Ranke: F.N: RS-108 MC, AM: S.30-1650







```
Model RR-501C Rpreiver Chassim Net 129.50
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BCB Blonde-finished metal enelosure

## BOGEN DB=115=15 WATT AMPLIFIER

Model DR-115 has been designed to meet the needs o! critical mudiobhiles who want a highly wesatile isjowatt momplier with radiremety inputs from radio tuner. tape recorder. television set and phonocrat hs with magnelic cartidges as well as cristal, ceramic and other Constamtamplitude Purtridges. SPECIFICATIONS: Poner Outpur: 1.5 Watts, Penk


 Hich Level Inputs: - X dh. Inputs: Tuner, Mag, Tape. Ji. Fi (rystal. Aux, Controls:
 ;Ls $4,1-6 B W 4$ Spenker selector: $A$, AB, $B$, Speruker Imberlance Selector: 16 and is
 A('M enclossure and legx). Shpg. wi. it lbs
Bogen OB-1is - 15 Watt Anys
Net 75.00

## BOGEN R660 FM=AM TUNER

Extremply sensitite and highly stable on FM and AM new. AFC circuitry provides
iishter oncillator frequency control and insures continuous distortionlesa iishter oncillator frequency control and insures continuous distortionless output.
Provision for balanced 10 on inaures improved nennitivity and greater freadom from ignition and other interference. Also huiltoin line antenna for strong nignal areas. Afc on ther insuren proper nelectivity, and Anaidance of strong Atation interference in very ktrong kignat areas. Double limited and Armstrong disriminntor provides full limiting on
very weak signals. Tunige meter nn hoth AM and Fs mikes posmible timple very weak signalk. Tuning meter on hoth AM and FM makes possible bimple and easy tuning in for minimurn meisp und distortion. Available in rhasais form ory in
 125 volt AC operation. Shbs. Wit. if the.
W.e60 loms encloxure
F.T 119.50

ACB (Blonde) or ACM
Net 7.00

## FM 50 HI-FI FM TUNER

FM 50 superb tuner that is commarable to Model Rgtio that covers only the FMy hand. ACB (Blonde) or ACM (Mahogany) enclosure with legs Net 7.00

## THE NEW BOGEN DB 130 AMPLIFIER

 TECHNICAL SPECIFICATIONS: Poucr Outhe: 35 Hatts. Tone Burst Peak Power:



 | A 46 |
| :--- |
| +15 |


 High Filter. Hat, Rke. Ake. Sopaker Nelector: A. AB. B. Tape Monitor OCN. OFF,


08.130 Amplifier Chassis ...Nel 115.00

BCB Blonste-finished mietal enclosure . ..........Net 7.30
BCM Mahogany-finished metal enclosure ....Net 7.50

# New! Lafayette custom HI-FI "Play Mates" EXCLUSIVE COMPACT MATCHED TUNER AND AMPLIFIER 



## MODEL LT-20 FM-AM TUNER

- SEPARATE 23/4" TUNing meter
- armstrong fm circuit with foster-seley discriminator
- tuned pentode rf stage
- PRECISION COUNTERWEIGHT:D TUNING CONTROL
- MEETS FCC RADIATION SPECIFICATIONS

A now professional quolity FM-AM tuner offering exceptional selectivity and sensitivity of low cost. Componion piece of the LA66 amplifier with matching gold copper and block finish, the two units con be stocked for o custom installation o little over $8^{\prime \prime}$ high. Designed to permit table, shelf or cobinet mounting.

This new FM.AM funer provides stotic-free thrillingly realistic FM ond broad response AM seception and fulfils the rodio reception noeds of the most discriminoting hi-fi enthusiast. Has low naise front end with funed pentode RF slage ond tuned triode mixer. Superior automatic frequency cantral with AFC defeat for simplified luning of odio:ent weak stotions. Cathode follewer low impedonce autput pormits lang lead leng hs to amplifier. Precise center of chonnel tuning is assured by discriminator bolance indicoled by precision tuning meter and by counterwelghted funing control. The AM stage has buitt-in high gain ferrite loop antenna. There are 3 frant penel controls-a selector control for FM. AM. and PHONO, on ON-OFF/AFC defeat control and a tuning contral. Single low impedance autput far connection of tuner ta e power amplifier ar control unit. Truly a most offective hi-fi tuner,
LT-20 FM-AM Tuner, Including Federal Excise Tax, less coge.....................Net $\mathbf{4 2 . 5 0}$ M1-110 Metal Cage for above. Shpg. wt., 3 Ibs................................................................ $\mathbf{5 . 0 0}$

## MODEL LA66 35 WATT AMPLIFIER

- NEW EL84 TUBES IN PUSH PULL Parallel
- metered output permits use as either recording or REPRODUCING AMPLIFIER
- BUILT-IN PREAMPLIFIER WITH 24 POSITIONS OF RECORD EQUALIZATION
- FREQUENCY RESPONSE $\pm 0.5$ DE 20-40,000 CPS
- DC FILAMENT SUPPLY REDUCES HUM

Carefully matched in performance and appearance to the Lafoyette LT-20 FM.AM Tune, the IA.66 35 watt amplifier is an ideol central contral amplifier for any hi-fi insta:lation. A combination of high power, high fidelity, gleaming beauty and ad venced engineering, this amplifier features maximum versatilly of control resulting from a host of featuras nat found in any other single amplifier.

Lofaytile's Model LA-6S cantoins all the desirable fealures mast wanted by audiophiles for reproduction of music most nearly like the original. A large $23 / 4^{\prime \prime}$ meter indicates elther the output level of the amplifier or the output of the proamp where it indicates the voltage of tape input. This versatility permits meter use for recording as well as reproducing purpose. Features the now EL84/GBQS in push-pull porollel providing high pook pewer and low distortion. Tapped screen grid connectlons and resulting distributed load aperation offers a compromise betwean low distartion of a triede and the high sensifivity of a pentode. Preamp-equalizer hos separate turn. over and roll-off focilitibs with 24 possible play back curves. Separate bass and treble with boost and attenuarian, logether with loudness control switch for low level listening allows adjustment of tone for the ultimate in musical enjoyment. DC heated preamp filoments ond a hum baloncing adiustment virtuolly eliminotes hum. Output balancing odiustment in push-pull paroliel circuit for optlmum output. Other features include monitor lock, silencing switch, speaker selector switch, cisnveniance outlets, removoble escutchoon.


## SPEC管ICATIONS

COHTROLS: Selector (and Turnover Controll: 8 Poshions. TV, Tope, Radio, Mic. and 4 phone pasitions. Roll-off: 6 positions. Volume/Loudness, Rumble.Fllter, sass. Treble, Tape Volume Adiust, Mater Circuit Selector Switch. Speaker Selector Swit:h, Hum Baloncing Adiustment, Output Balancing Adiustment, and Stioncing Swit:h. INPUTS: TV Sound, Tape, Radio, Mag Phono, Crydol Phono, Micraphone. POWER OUTPUT: 35 wath, less than $3 \%$ tofal distortion of full power. FREQUL:NCY RESPONSE: $\pm 0.5$ db $20-40,000 \mathrm{cps}$. GAIN: 8 millivolts of Magnetic phorio input required for 35 walts output; 0.3 volt requirec at Tuner, Tape or TV inputs for 35 watts output. HUM: 85 db below roted output. OUTPUT IMPEDANCES: 4, 8 , ond 16 ohms. TUBES: 3.12AX7, 12AU7, 4-EL84, SU4. POWER: $117 \mathrm{~V}, 60 \mathrm{cps}, 80 / 150$ watts. Atractive gold copper ond block finish. Sire: $41 / 8^{71} \mathrm{H}$ $\times 121 / 4^{\prime \prime} W \times 93 / 4^{* 2}$ D. Shpg. wf., 25 fths.
Mocel La66 35 Watt Amplifier, complete with metal cage
Net 79.50

WITH 2 WAY SPEAKER SYSTEM INSTALLED IN HANDSOME CABINET AND INCLUDING NEW COLLARO RC-4SG $4-S P E E D$ INTERMIX CHANGER ECUIPPED WITH GE-RPX-OS2A DIAMOND AND SAPPHIRE TURNOVER CARTRIDGE


- NEW COLlaro 4 SPEED automatic record changer - 2 WAY SPEAKER SYSTEM WITH CROSSOVER NETWORK - With g.e. variable reluctance pickup rpx-o5oa - Lafayette push pull hi.fi amplifier

A complefe hich-fidelity conselette phaneonaph which you see it ond jear it. A rare apportunity for the Music Laver who hos opprecioted untii exquisitely, compactly designed cabinot (measures $251 / 2^{\prime \prime} \mathrm{H}, 16^{\prime \prime} \mathrm{D}, 251 / 2^{\prime \prime} \mathrm{W}$ ) and aet ing mony timestion that surposses instruments considerably lorger ond bulkier and cost ing mony times more. In the Lofoyatte Model PK- 55 you get a multitude of features for the Audio Mobbyist and Music lover; the newest model Collora RC-456 outomotic 4-speed intermix record chonger - noted for its high-fidelity Colloro RC-456 outomatic with the G.E. RPX-0504 vorioble reluctance magnefic plekup. Hos a 2 -way spearker System and Cressover Network, consisting of on $8^{\prime \prime}$ PM heovy duty G.E. 12 watt speaker with 6.8 oz. Alnico $v$ mognet octing as o ". woofer", plus an G.E. 12 wat slgned $5^{\prime \prime} \mathrm{PM}$ tweeter ond crossover network to Increose the high fidelity range up to 15,000 cycles, houped in on acoustically designed enclosure for moximum high quality performamee. Cloan, smooth repreduction, with on unmisfokoble presence of the 2 -way epeaker reproducer-will recreote o tone bolonce which is unbelievoble. Cobinet is finely constructed of choicest hordwoods, is hand rubbed in the trodition of fine furniture. Availabte in mohogony, blonde finishes. An ideat Phono for a smoll room ponents, performonce and Value. Shpg. Wi. 75 ibs avoiloble in design, quality of com. PH-SS (specify Anish)


| COMPONENTS |  |
| :---: | :---: |
| lungr | 10.so |
| amplitis | $\stackrel{185}{ }$ |
| sprio conirol | ${ }_{758} 8$ |
| Recomo cmancte |  |
|  |  |
| Regular Price | 536.83 |



Fishte soc

## mlintosh <br> C- AUDIO COMPENSATOR 885






 MDDEL C-t...an cobine

NET 18.50


IIIntosh
MC-30 30 WATT AMPLIFER

## 14350







 MDDEL MC-*1..............................................NET 143.50


## McINTOSH 60 WATY AMPLIFIER MC 60

 Thim unique instrument setia a atandard of excelleace in amplincation. for it has recched the theoretical limit of quality and efficiency, The Mctatoah MC.60 amplifier, with
 from 20 to 20,000 cycles per mecond. Dealigned to powior C-1, C-8 and other Melntosh preamplifers. Sise: $141 / 4^{\prime \prime}$


Not 198.50

We recommend this superb high-fidelity music system to the most critical music lover who demonds audio perfoctlon of o reolistic price. The system includes these world-renowned Fillit compononhi go-R FM-AM Tuner with iwo indicating meters for micro-occurate tuning, extreme sensltivity of 1.5 microvolts for 20 db guieting, srporate FM and AM front ends, unsurpassed frequency response and non-measuroble hum lovel; 80-2. 30 . woll omplifier with o frequency response of $20-20,000 \mathrm{cps} \pm 0.1 \mathrm{db}$ and virfuolly no hum and noise; 80-C master audio contral provides professional phono and tape-hewd equalizalion, full mining ond foding focilitios for two to five channels, seven inputs, ond two gathode-follower outputs. Electre- folce 15TRXE $15^{\prime \prime}$ 3-way coastial specker reproduces bass, mid-range and treble frequencies with remorkable realism. Gorrard's fomous RC-88 3 -speed record changer is supplied with Feirchild's 225/ new moving coll cartridge and gemuite diamend LP stylus. Ali units equipped with color-coded plugs and intercannesting cables to itmplify your custom instollation. Fer $110-120$ volis, 60 eveles AC. Shps. wt., 110 lb .
MF. 152 .............Complete FM-AM Radio-Phono Music System Less enclosures....

Both the highboy and the lowboy styles ore of the boss-feflex pyo designed to give profer bafining to your entire speaker system. Actually improves the bass re nse of any woofer They ore sotidly constructed with $4 / 4^{\prime \prime}$ birch plywoed ond lined with ozeustic moteriol. They ore sotidly constructed with $1 / /^{\prime \prime}$ birch plywoed ond lined with ozousfic moterial.
Simple stroight-line stylir.s, with $11 / 3^{\prime \prime}$ plcture frome molding ond Ano copper colored plastic Simple straithr-line stylir.s with $11 / 3^{\prime \prime}$ plcture frome molding ond Ane copper colored plastic
grille mate them oftroctive in ony room. They ore supplied unfnished, but smoothiy sonded grille mate them ottroctive in ony room. They ore supplied unfinished, but smoothiy sonded
ready to toke ony fine Anish you desire. Thrve cyfouts ore provided; one for o $15^{\boldsymbol{\omega}}$ ipeaker reody to toke ony fine Anish you desire. Thrwe cylouts ore provided; one for o $15^{\mu}$ ipeaker with on ndopterboord for $12^{\prime \prime}$ speaker ond 2 for iweeters so oither the lofoyelte HK-3 or the HW-7 mey be used. Elocks ore supplled to close these cutouts if aot used. Lege ore $5^{\prime \prime}$ topered hordweod with bress ferrules. Size of highboy less legs is $29^{\prime \prime} \mathrm{H} \times 231 / 2^{\prime \prime} \mathrm{W} \times 16^{\prime \prime}$ D. Lowbey is some tite wilith height ond width reversed. Shpg. wi., 42 Ibe

CAB-I3 ......NIGHROY STYIE U mindited
CAB-T4 ...LOWBOY STYLE Umithed

> LAFAVETTE HIGH FIOELITY TRANSCRIPTION TURNTABLE ANO TONE ARW COMBINATION


## FINEST TRANSCRIPTION TURN-

Professional 3-speed furnioble with vorioble speed contral and nuid-controlled fono arm ploys alt records up through $12^{\prime \prime}$ tronscription discs. The haovy duty, high forque 4-pole sheded induction motar is shock-mounted ond frealy suspended to oliminate vibrotion. Meets professional standerds for wow, futter cantent ond speed regulation. The heavy die-cosi oluninum twrntoble is rim-driven, dynomically balonced ond ball beoring mounted to provide rumb e.free rototion. The tone arm accommadates all atondord type cortridees wlth instant, solder eas, plug-in cortridge chonge. The viscous dompimg ochioves perfect compliance yet provents roove iumplne and stripping os well as record and styius demape should the lane arm be occidently dropped
The subston'iol woolbese is a delure unit which is mode of the finest selected solid hordwood outsid pieces and hos mitered corners secured with clomp nolls. The mounting boord is free-foot ns on lédividual springs in eoch carner which can be individually leveled. The bose hos a genuing hand-rubbed finish and comes in five cobinetmoker shodes, red ma. hogony, brawn mohogany, blonde, ash and bbony. Spocity your choice when ordering. The tap of the moterboard hos on attroctive copper finish. Ifs elegont styling and fish odds beouty to ony Mgh ndelity instollation. Sizes $16^{\prime \prime} \equiv 20^{\prime \prime}=5^{\prime \prime}$.
Complote unit reody to instoll, requiring eesy mounting of turntoble and tome orm on pre-cut mounting board. For operotion from $110-130 \mathrm{~V} 50 / 60$ cycles AC. Shps. wif. 36 lbe. HF- 154 (hess cortridae)

# can do it! 

 OUR DIRECT IMPORTATIONSSAVE

## PROFESSIONAL TRANSCRIPTION TURNTABLE AND VISCOUS:DAMPED TONE ARM the finist transcriptian turntable and tont arm for the profissional ustr and the audiophlis

## PK-100A TRANSCRIPTION TURNTABLE

New 8 apped inatrument with buill in stroboscope and viewer for exact speed determination, and magnetic ble and flutter content. Heavy 12 ", cast aluminum rim-driven turntable. Variable speed control permits adjustment of each speed within $\pm 76$ using efficient frictionless magnetic brake. Heavy-doty constant speed A-pole induction motor freely suspended and isolated by shock-mountings to eliminate vibration transferral. R-C filter network suppresses "pop" in speaker. Truly a delight for the connoisseur. Size: cycle AC. Power consumption 12 watts. Handsome hammertone gray finish. Shpg. wt., 20 lbs.
PK-100-A
PK.90 VISCOUS-DAMPED IONE ARM
Net 49.50
This tranacription arm asmures dependable and atable operation, utilizing the "foating action" principle of "viscoun-damping." The arm is aupported at angle polnt a plvot and jewel bearing having negligible friction Damping ia accomplished by ailicone nuid occupythy the gap, between a ball and socket. Thin record or tyylus hould the tone arm be accidently dropped. Low frequency resonance, skidding and grooveumping are likewise mimimized. The tone anm accepta all records up to 26 and accommodates virtualy this tone arm is a quality companion to the PK- 100 with matching finish. Shps. wt., $2^{1 / 2}$ lbs. Thiseo




## 2 WAY SPEAKER SYSTEM

Thla 2 -way speaker system th another oxceitient buy for the moderato purse. it it
 more efficlent reproduction and extersion of the lower reaister. Complets syatem include the SK-68 12" 25 watt woofer, HKK-3 cone type trecter and LN- 2 crossore mptwork with lever-brilliance control. Ranso of cyatemin 35-16.000 cycles. Shpe. wi.,
SY-87-Canplete Bystem.
Net 27.50

Page 10

K-74

$$
55,50
$$ A complete 3-way syaterd capsble of perat many times this price. The compo. nents were specially selected by Lafayette in audio fidelity at the lowest price posalble. Ineludes contínuousily variable presence and brilliance controls. Offeri superb reproduction across the entire



- IS" Waafer wilh 31 saz Magnet
- $8^{\prime \prime}$ Mid-range speaker
- Acaustical Lens Tweeter
- 3-Way Crassaver Netwark


## 3 WAY HI-FI SPEAKER SYSTEM

# NEWI GARRARD AUTO-MANUAL Weth New And Latest Model ralrchio damono cong-plar cartaides 

 trol cives this automatic changer the versathity of a aingle-play turntable. Smonth, quiet nhaded 4 -pole "In-
dactisn-Surne" mator, silent free-wheeling ballbearing toratable moumt and orersised live rubber titier traction whel. Features and irue-turret drive with 11 s apeeds operating off the motor on a single turret which ellimfratez drive belts. Shielded condenser-resistor network precinion turntable covered with rubber tractor mat Simplified stylug pressure ant pickup helight adjustments. Watch-like construction with sensitive trip.
mpechanism, automatic Etop and shutout brake. Foolprool. gentl- reeord pusher platform. Moating motor com-
 S' $^{3}$ "clearance above and $\mathrm{a}^{\mathrm{T} / 0^{\prime} \text { " clearance below mount- }}$ ing tord. Complete with line cord, pickup lend, pluging tward. Complete with line cord, pickup lend, pluge
in shells. mounting hurdware, atandard and manual npindies. 45 rdm adaptor. Lest cartridge and less autoMmite 45 rpm npindle. Shpa. wt. 16 libe. Net $\$ 3.41$
 Model Cen/GEO WIth GERPPX-OS2A Cartridet 60.02 (Tiamond LP and sapphír 78 rpm Seyli). Net 71.05


A deloxe straipht apindle type record changer compact spindle if repe. Features "Simpli-Mix maprior to other fixed $12^{\prime \prime}{ }^{10^{\circ}}$ or $7^{\prime \prime}$ records may be staclied cogether, bot tom to top in this order, londed on the fixed spindient nt
one time and the overurm placed in pasition. Automatie operation results with the tone arnecropping into correct poaftion regardlews of record size. 4.' RPM recorda are placed using clip.in adaptora or urith optional auto manual opperation, "Induction-Surge" motor true-turres manual operation, "Induction-Surge" motor true-turret
difieg. bulthearing tumtable mount, tone nren, atyluspressure ndjuntments, trip mechanism, automatic ston and practically all of the features hiound in the new Size $141 / " x 13^{\prime \prime}$ are requiring 43 . 4 " clearance nis model.
 cycle AC operation. Camplete with line cord, pleta-up eahle, plug-in shell, mounting hardware. Less certridgre
and lesk 5 R . Model RCi21. RPM automatic spindle. Shpa. We. ${ }^{14} 1 \mathrm{lba}$
 Model RCA21/GED with GE RPX-OS2A Ciriridet 48.2
(Dlamond LP and sapphire 78 RPM stylf) Net 59.29 Model $48 \$ 2$ is 45 RPM Automatic apindle
for use with RC-i21 ........................... Net 3.45


Buy at Lafayefte's
Low SALE PRICE

## 3 SPEED AUTOMATIC RECORD CHANGER

You'll find this famous Webcer Diskchanger not only in Webcor Fonograf: but in radio phonograph combinations of other famous manufacturers. This 3 speeds and all sizes of records, but it pleys up fo fout hours eutamaticelly Diston shuts itsalf off effer the last record has played. The Webeor Dittchanger was designed for swith, silent record changing: smooth. ercurste lurnfable spoeds; ond gentlo treetmont of vour precious recorde os the: Belenced Tone Arm, Electrostetically Flocked (isuper.soft) turm
 - $\mathrm{x}-49$

WTOCM WOACOR WITM G. B. CARTRTOGE
Wiscon Wirm G. A. CARTEiOGE


## FAMOUS V-M-TRI-O-MATIC RECORD CHANGERS

Play all reconde. $33^{1 / 3}$. © 6 and 78 Rpm in all sizes. Come pickup for proper net-down, retiardleesis of record silje. Corn-
pletely Jompmot - pichup can br held at any time without pletely Jamproof - pichup can be held at any time without nounting apmer is $1 / 20$ w 120 D: $5 n^{2}$ above and plag: below plate for operation from $110-12 \mathrm{~B}$ Volt, 80 cycle AC. Mooti msian With turnover crystal entridge and Dund
needle. Shpa. wt. is the. Ne: nl mootl 0350 - wr CMAMCER: Size $131 / 3 \times 131 \%$ re-
 ance below, Leris eartridge, AC eord and output crble. Shpe. MODEL SASE CE HF CNAMEER with G.E. RPX-OKNA TIRNOVER CARTRIDGE. NET

 mootis see (same as above) but with G.E. RPX-050A 45 SPIMDLE

THE NEW VM MODEL T200 4 SPEED CMANGEASA
 78 ppm records plue the new popuiar
isiking book $18 / \mathrm{s}$, rim sperd. Other
features sre; Easy-Liti reeord spofentures, are; Easy-Lift reeord sup-
Dort arm. New, Jow-torgue mechaniam Don anm. New, bow-torgue mechanism
sluminum die cait rome arm. new


 OVE CARTMIDCEIE
LIST PRICE

- 4.50 model 1200 Q.E. WITM CET 30.22 OSOA TURNOVEM CARTMIOAR LIST PRICE - 51.50 NO NET 33.67 MODEL 1225 CMANGER Ow WETAL shal Turnover cartidge. size $12^{\circ} \times$
 MODEL 2225 a.E. CHANEED DM with G.E. RPX-0soA murnover eartridge. PRICE - E4.es NET ISH2
HIST

The RC 98 CROWN 11 3-speed Stper Auto-Manual rerord changer combinem all of the advancements of the
RC90 which it succeeds, and of the new RCBs, including Giarturd's new automatic and full manual peiformance. In addition. it contains several new high-fidelfty innove. is lte which are characteristic of the model. A feature panalble continuously variable + or - wide inn maken jutment of esich speed. This is important to those with is the pipitch since it pertits the RCOS to he "tuned" wpeed control key of a musical inutrument. This varifble rheostat operation varyigg the voltage in an electrical coils with motriction or effciency lomken. A aperial is apindletomatic spindle is included in the RCos standard the RCSA. Complete with line cord, pickup the same na shelle, mounting hardware, spindles includine automatic

 (Sapphire LP and 78 RPM atyli) Ciartriset 72.76 (Diamond $4 P$ and Sapphire 78 rpm styli Net 83.79

BOGEN 4-SPEED HIGH FIDELITY TRANSCRIPTION TURNTABLE MODEL


New, manually operated model playstandard 3 speeds ( $78,45,831 / 3$ and
18 RPM precision ( Features aingle control. able speed from 20 to 86 RPM. A
welehted and heavy-duty i-pole" conntable yelocity motor reduce wow to lesk at similarly mealigible levels. Adjustable stylus pressure minimizes record wear and "feather drop", alcof of arm eliminaten possibilfty equipped with a plus-in head for ease in chanzing cartridse and styli. Vibration isolators supplied with
turntable. Size 15 s $12^{\prime \prime}$ requiring turntable. Size $15^{\prime \prime} 112^{\prime \prime}$ requiring
$25,4 "$ clearance above and $21 / 2 "$ below mounting boand. Shpg. wt. 15 Model Bso.16 (with wide range phire-tipped styli) Net 42.00 Model Bso-1 EX (with GE RPX-0S07 tridge dual sapphire-tipped cart.. 48.65 head lesm cartridge) Net 40.40 odel Pris Attractive Woodbave $16^{\prime \prime}$ ing of iranscription player. Shps. Mode, s 2 l 2 Similar 4 -atandard Nari able speed transcription plajer for discs up to 12 ,
with diameter. sapphire-tipped styli. Shp dual wit
9 lbs.
B20, SO Woodbase for mountink

Made In England
The new British Made Monorch outomatically ploys $7^{\prime \prime \prime} 10^{\prime \prime}$ or $12^{\prime \prime}$ records-at 33.1/3 45 or 78 R.P.M. Intermixed in any orderl Features a 4 Pole induction type motor elimi nating "rumble" and "wow". Pickup outomatically returns to rest and motor switches switch. Fitted suspension springs-eliminotes feed back. Ten record copacity. Simple design guarantees long life and trouble free operotion Tone crm unfailinoly come down directly info the lead in groove of the record. Operotes on $110-125$ VAC 60 cy . Shpg. wt., Is lbs.
Model UAS- 3 speed changer

> less cortridgo..
-With Hi-Fi crystol Turnover Cortridge. With Goldring \#500 Reluctance Cartridge \& Dual Sopphire Styli.. Net 19.95

45 RMP Spindie: Fits in piace of regular spindle. Eliminotes use of spiders. MAMOGANY OR BLOND WOODBASE CUT TO FIT ABOVE pecify finish. Shpg. wr., 5 lbs......................................................................... 95 MOUNTING BOARD CUT TO FIT ABOVE
Unfinished for eosy stoining. Shpg. wt., 3 ths
Net 95

## MODEL RC 456 4 SPEED RECORD CHANGER

## Made In England


This new improved model of the world fomous chonger mode in England provides high
fidelity operotion of oll four speeds; $78,45,33-1 / 3$ ond $16.2 / 3$ RPM. The new Colloro fidelity operotion af oll four speeds; $78,45,33-1 / 3$ and $16-2 / 3$ RPM. The now Calloro
RC 456 offers full "manual" operation os well os automatic intermix of all size records, RC 456 offers fulf "'manual" operation os well os automatic intermix of oll size records, the RC 456 , POWERFUL, QUIET 4 -POLE MOTOR - with in Segrally-built 4-speed drive mechonism ond dynomicolly bolonced rotor. WEIGMTED, EALANCED TURNTABIE mechonism ond dynomicolly. bolonced rofor. WEIGHTED, IALANCED TURNTABLE Ossures freedam from "wow AMUTOMATIC IDLER DISENGAGEMENT - prevents idler - provides effeciency of operation. AUTOMATIC SWITCH AND EUILTIN R/C NETWORK - for elimination of extroneous noises. DIMENSIONS - $12 \times 131 / 2$ inches with $51 / 0^{\prime \prime}$ cleoronce obove and $23 /{ }^{\prime \prime}$ cleoronce below mounting board required. WîE-WIRED HOR EASY INSTALLATION. Shpg. Wi. 20 lbs.
MODEL RC 456 less cortridge
NET 34.50
MODEL RC 456 WITH FAIRCHILD 225 DIAMOND LP CARTRIDGE NET 60.95
AUTOMATIC 4S RPM SPINDLE GSA SPINDLE ... ...................... 3.23
PLUG-IN AUDAK ADAPTER.... TOR AUDAK 16 CARTRIDGE ......... NET . 12
NOTE: Plug-in shells supplied with chonger accommodate all other stondord cortridges
MAHOGANY OR BLOND WOODBASE CUT TO FIT ABOVE Specify finish. Shpg, wl., 5 ibs...........................................................
MOUNTING BOARD CUT TO FIT ABOVE
Unfinithed tor easy staining. Shpg. wt.... 3 lbs...

GRAY HIGH FIDELITY TURNTABLE AND TONE ARM COMBINATION
 An extremely rugged, rigidly designed unit which eliminates rumble and vibration with o mossive furntoble and matorboard assembly. Handles up to $16^{\prime \prime}$ professional transcriptions and all three stondord speeds. A 4-pole, heour-duty induction type motor hos shoft engoging externol rim directly without infermediate idlers to couse frequency distartion, wow or Autler. Exfro-tong tope Unit uses Groy 108 C Viscous-Domped Tone Arm but occommodote other populor fone orms. Arm hos o cue occommodole other populor tone orms. Arm hos o cue for plocing pickup on record. All type of cortridges in cluding GE triple ploy ore occommodated.
Top of the heovy completely shockmounted motorboord hos O lustrous sofin copper finish. For $110-120 \mathrm{~V}, 60$ cycle AC. Size $16^{\prime \prime} \times 20^{\prime \prime}$. Shipping wr. less bose, 39 lbs. Model MF-401 less base.... Net 124.50 Model HFSO3 Pobble Groy Woodbose $16^{\prime \prime} \times 20^{\prime \prime} \times 61 / 2^{\prime \prime}$ Shpg. Wt. ${ }^{3}$ lbs.
Model HF-400


G-SPARRARD "CREST" MODEL T 3-SPEED MANUAL RECORD PLAYER


Compact, efecient 3-spoed monuot record ployer for fine reproduction where o changer is not desired yet incorfomed Gorrord chongers. Feoty ploying features of the stop - storts when tone orm is lifted, sufomotically shut oflo ond of record. 4-pole rumble-fres constonf speed motor ond heovy bolonced turnfable for Ay-aheol oction Eosy siylus pressure odiustment with knurled knob of reor of lone arm. The universol shell fits oll popular mognetic, crystol or coramic hi-fi cortridges. Bollbeoring-mounted pull-owoy idler wheel prevents fot spots on idler wheel when plover is not in use ond ossures longer weor and smoother performonce. Profossional-iype finger lift for sofe monvol handling of tone orm and tone orm clip to ploys records without spiders or plugs. Heovy velvet coy. ploys records without spiders or plugs. Heovy velvet cov ered lurntable provides record protection. Condenserresisfor
noise. Size $133 / 4 " x 123 / 4$ ond equiring $31 / 4 "$ " clooronce noise. oize $31 / 2^{\prime \prime}$ below mounling boord. For $110 / 130-200 / 4$ cleoronce
obove ond 250 volts 60 cycle AC. Line cord ond pickup coble term-



Poge 12

## Electronkics HI-FI SPEAKERS



MODEL D-130 15"
The famous Jim Lansing precistion engineered and ernstructed speakers are made to supply the inest loudspoaker pertormance possible without compromise, dependent only on your audio systen. Its of 25 watts, has a Jirtually dat frequency rexpmanse from 50 to $12,000 \mathrm{cps}$. Has a one-plece molded cone with aluminum high frequency center diaphragm. Uses an edge wound riblon volce coll with a drimeter of $4^{\prime \prime} 3 \mathrm{lb}$. Alnleo $V$ permanent magnet. Numfinal Impedance 18 ohms. Conipletely
 23 1证.
Jim Lansing 0.130 SIgnature Speaker.... 76.00
JIM LANSING MODEL D-208 8'
MODEL 0-208. A moderate Driced $8^{\prime \prime}$ model with a poner input of 12 watus. Has aluminum high frequency center dlaphragm rented to eliminate non-linear compression etrects. Inspedazice 8 ohnis $0.0 .81 /{ }^{\prime \prime}$ " depth $27 / /^{\prime \prime}$. Volce

Jim Lansing Model 0.208 25.92

NEW JIM LANSING 12" MODEL D-123 Extremely shallow and compart so that it can be mounted between studding, flush with the surface of any standard wall or partition,
Linearly Alat response wth exceptional reproduc. tlon of trens ionts. $3^{\nu}$ a luminum ribbon tolce coll and dural center dome... a currlinear cone, ${ }^{20}$ distribution of highs than would a deep cone. Speakers reproduce verhatlm every frequencs recorded on the finest modern transerintions. Capae1ty 20 Watts. Impedance 18 ohme. Shyg. wh.

TRX TRIAXIAL 3-WAY SPEAKERS
 mid-range. licluder AT3 brilizate control and crossover net work.
Model 15TRXE-Interrated 3-was assembly diam. $15 \%$ - Resonance $3 \mathrm{k}-4 \%$ cןs. 20 waths. Magnet weigit ${ }^{1}$ 10. 2 oz. Ressonse 30 -15.ux Ciss: electricul crossover 3 anim cos

 Moded 15 TRX $-15 y^{*}$ diameter overall. Res-
 HEGFN(Y) enelosure. Septh behtum Mind 91- Merbanlenl crosso:er 2 mo ens electricai rusworer, $351 / 1$ fpss imbed:anre. 16 olitus. iens.

 diam. $122^{\prime}$ Resonance 45 rus . 20 ,



 fach
Modol $127 R X$-Overall diameter $1211^{\circ}$ Itive

 If


## RADAX COAXIAE SPEAKERS

 Moded SpEs Radan Supar-Eight - $8^{*}$ sheaker, Resonance. Sinfis cps. 20 watts. Response
 Model SP12日 madax Twor MPisक Raday Fifteen $15^{\circ}$ gueaker Revonance, th-51 cips wh walve lis" speaker. 3, (MM) cus. 16 olims iminealiance, sens. rik. th
 hehtnd panel. sling. Witit 12 Hs. Net... 32.34 Mode: SPI2 Radan Super-Twelve-12" anonse, $30-13.0 \mathrm{MO}$ eus. if ohtus imbedthee. inis. rig., t8 (th. (russover, fikM) riss. 3 th. Dhico makite $12 y^{\circ}$ dianieter. $1^{\circ}$ bistle


## LOW-FREQUENCY DRIVERS



Modet $12 \mathrm{~W}-12^{\circ}$ I. $\mathrm{F}^{\prime}$ driver, Resomance, $3.5-45$ ins, 3 its. Iniro vinagnet, 25 watts 16 ohths
 Manel sinpilik ll etght 25 lis. Net 63.70 Modef 12 WK-Ahove, but 3.2 ohems 1 (for Nit Fula. 63.70 Modet 158 W 150 I.F. driver. Hesmance. 38-

 Mod ef 158 wK 42.14

 ith crostaver 3ishl cus. 1 it . Almina
 Net liach. bane. shlphiag whis az Model SPIS Madex Super-Fitto wreater. Kesonance. t1) cuspor- 30 watiseen- 15







 Model 15 WK -flowe. but $3 . \mathrm{F}^{2}$ olinis 13: ?
 Model $18 \mathrm{~W}-188^{\circ}$ 1.F driver, 30 wiltw hin





## UIIVERSITY HIGH-FIDELTY SPEAKERS

## DIFFUSICONE-1 2 MODEL UXC-123 $12^{\prime \prime}$ TRIAXIAL SPEAKER

## 12" 2-WAY

 DIFFAXIAL SPEAKER

This fine speoker is choracterized by an exclusive "reciprocoting fares" horn tweeter projected fri-oxiolly through the conter of the woofer. A full-bodied mid-ronge is provided by a Diffusicane device crossing over mechanically of 1000 cps ond builf-in L/C loctrical dividing network crossing over at 5000 cps.
Contains a $11 / 2$ tb. Alnica $\vee$ Gold Dot Mognet. Feofures smooth and wide response from 45-17,500 cps and hondles 25 wotts on integrated program. Impedance 8 ohms. $81 / 4^{\prime \prime}$ deop. Supplied with built-in brit. liance control wired to $36^{\prime \prime}$ cable. Shpg. Wt., 7 lbs.
UNIVERSITY UXC-123
NET 5831
 SPEAKER

This $12^{\prime \prime}$ Diffusicone cooxiol speaker footures a unique design with 1000 eycle mechanical crossover. The high frequency response is extended through dual cooxial horn looding. This results in tull fidelity everywhere in the room and on undisforted response with out loss of high of listening points progressively off speoker oxis. Contains 1 lb. Gold Dot supersensitive oll-Alnico $V$ magnet for high effciency Response from 45 13.000 cps ; handles 25 watts of integrated program; 8 ohms; $43 / \mathrm{h}$ " deep. Shpg. wt., 5 lbs. UNIVERSITY UXC-122

Not 29.15

## LATEST UNIVERSITY 15" HIGH-FIDELITY SPEAKERS

MODEL 6303 15" 3 WAY DIFFAXIAL SPEAKER


This 3-woy intograted speoke: system achieves ""live" full fidelity through the use of exclusive "diffusicone"' design and coax. iolly mounted, high efficioncy tweeter. Rich, bass response is reproduced through the waofer section down to 30 cps without distortion. High frequancy response to inaudibility. Mechanical crossaver at 1000 cps. L/C electricol crossover above 5000 cps . Compression driver tweeter coupled to a horn mounted through the center axis of the woofer. 30 wotts. Impedance 8.16 ohms. Builf-in brillionce control wited toे $36^{\prime \prime}$ cable. 2-16. all-Alnico 5 Gold Dot magnot. Depth 10". Shpg. wh., 15 lbs. UNIVERSITY 6303

MODEL C63W 15" ADJUSTABLE RESPONSE WOOFER
 Exclusive odjustoble rasponse imiter can be set for 100, 2500 or 5000 cps to accammodare crossover requirements moat high frequency twosters. Response $30-6000$ cps. 30 watts. Built in inductive device and Model N.1 odiustoble high pass filter form full I/C crossover with odiustable "brilliance"' control. Onepiece molded cone. Impedanse 8 ohms. $11 / 2 \cdot 1 \mathrm{l}$. Alnico 5 mognet Depth $10^{\prime \prime}$. Shpg. Wt., $131 / 2 \mathrm{lbs}$.
UNIVERSITY C63W
NET 46.75 UNIVERSITY C12W $12^{\prime \prime}$ Woafor with built-in low pasi filto adiustoble from 700 to 6000 cps. Wi. 8 lbs........ NET 32.34 UNIVERSITY C15W $15^{\prime \prime}$ Woofer. 50 wotts. 30.3000 cps. Dual impedances: 4.8 ond 10.16 ohms. Wi. 24 lbs.........NEI 73.50

## Economy HI-FI Speakers At Pocket Book Prices



## 15" CO-AXIAL HIGH-FIDELITY SPEAKER

## $30-20,000$ CPS- 25 WATTS-

21.5 OZ ALNICO V MAGNET

Superb stondard of performance throughout the audio spectrum. Consists of specially designod $15^{\prime \prime}$ woofer with a full $5^{\prime \prime}$ high.frequency tweeter, coaxially wounted, and $11 / 2^{\prime \prime}$ volice coil. Extra heavy magnets are used in both units for highest efficiency and smoothest response. The $15^{\prime \prime}$ woofer gives the deep. smoothest response. The $\begin{aligned} & \text { rich boss notes for complete satisfaction. Frequency }\end{aligned}$ response: $30-20,000$ CPS. Crossover frequency: 3500 CPS. Hondiling copocity: 25 watts, 35 watts peak; Impodonce: 8 ohms. Rugged seamless cone, finished Impedonce: 8 ohms. Rugged seamless cone, finished
in attractive non-marking brown hammerloid enamel. in attractive non-m
Shpg. wh., 13 lbs.
SK-70.

## 12" CO-AXIAL HI-FI SPEAKER

Some magnet weight and choracteristics as obove except far diometer.
5K.71-12" Coax........................................Ne1 22.50

## 5-INCH HICH-FREQUENCY TWEETER

## 25 WATTS-WITH BUILT-IN

 CROSSOVER NETWORKA fully enclosed high-frequency tweeter with a sensifivity and smoothness which in many cases oulperforms the much more costly compression horn tyous of of 600 to 15,000 CPS and crossover frequency of 2500 3500 CPS, this tweeter will handle output of amplifiers up to 25 walts. Will increase the frequency re sponse range and add much. to the realistis repraduc fion of the original performance. Volee coll dia. $1 / \mathrm{h}^{\prime \prime}$ impedonce 8 ohms; rugged seamless cone-inherently moisture resistant; 3.16 or. Ainico $\vee$ magnel, with built in crossover network. Shpg. w., $21 / 4 \mathrm{lbs}$.
SK-72...................................................................... 5.75 SK.73-less crossover notwork........ .Net 4.95


## HI-FI COAX SPEAKER WITH DUAL TWEETER

An unusual value in a hi-ff speoker. Rated of 20 audio wotts. this speaker hos iwo $31 / 2^{\prime \prime}$ high frequency units ine smoothness and wide dispersion at all frequencies Has large 14.7 oz. Alnico $V$ magnef. Rugged housing
 coverage substontialiy flat from 30 to 19,500 cycles. 8 ohm voice coil. Worth twice the price. Shpg. wt. 8 ohm
10 lbs .
SK-44
Net 27.50

## 8" HI-FI <br> WIDE RANGE SPEAKER

## 50-13,000 CPS

Answers the need for o gaod quolity but moderately priced speaker with a range of $50-13,000$ cycles. An extremely smooth single cane reproducer - ideally suited for Hi-Fi systems. Excellent for fimited spocegood overall balance power handling capocity: 8 watts- 60.8 ox. Alnico $V$ mapnet-frequency respanse: $50-13,000$ CPS when praperly baffled. Rim Ireatment on cone minimizes possibility of diophragm distortion. Voice coil impedance: 8 ohms. Shpg. wt., 4 lbs.
SX- 5
Net 5.95

age 14

## $8^{\prime \prime}$ MID-RANGE \& WOOFER

A low frequency bass reproducer, free from distortion and capable of clean reproduction down to 40 cycles Ideol for use with tweeters and crossover networks to make up a 2 -way or 3 -way system. Can also be used with additional speakers as a multi-speoker woafer Perfoct, too, as mid.range unit in low cast 3 way systems. Crossover at 350 CPS; frequency response 350 13.500 cycles: suitoble for crossover to 5000 erclos SK-74
...Not 5.95

## 12" COAXIAL SPEAKER

EXTENDED RANGE DUAL SPEAKER SYSTEMI FOR FM OR AM RADIO TELEVISION, SOUND AND WIDE RANGE RECORD PHONOGRAPHS. QUICK, EASY, MODERNIZING RE PLACEMENT OF OLD STYLE SINGLE RANGE SPEAKERS.
12 -inch Alnico $V$ PM with 1 inch volce coll and heavy one piecte cane. Specially designed 3 -inch Alnica V PM iweeter completes this combination spoaker, range $\mathbf{4 0}$ to 15,000 CPS. Built-in high pess filter. Instolls same as regulor PM speaker only two wires to connoct. Impedonce 8 ohm. W. 8 lbs.

SK-22
Net 9.75

## $8^{\prime \prime}$ COAXIAL SPEAKER

The perfect onswer to High Fidelity oudio reproduction in limited space. Alnica $V$ mognets in
 8 ohm coil. Wi. 6 lbs.
5x-24.
Net 7.95

## 12" GE HI-FI PM SPEAKER

- HANDLES 25 WATTS
- 14.5 OZ ALNICO V MAGNET
- 50-15,000 CPS FREQUENCY RESPONSE
- aluminum voice coll

This GE deluxe speaker was deslgned by audio engineers to meet the high standards of perfor mance so essential to high-flidelity and for dependability and durabilitr. The 14.5 ot. Alnico 5 mognet produces a dense mopnetic field with resultant ophmum sensilivity and damping fac. tor. The oluminum bose voice koll is unoffectod by moisture and tomperature voriations and eliminates buzsing. Exceptlanally wide fre quency range-50 \%o rcles which may be extended to 30 cycles in properly derigned enclosuras. $y$ oe air resenance 8 CPs. The voic cail har a $11 / 4$ " diameter and 8 ahms impedance This speaker, which scientific listening tests in dicate can outperform spoakers costing several times os much, is ideal for moderato-cost hi-fi
custom installotions. Shog. wh 7 lbs custom installotions. Shpg. wh., 7 lbs
5X-60.
Net 14.95

## 15" HI-F! LOW <br> FREQUENCY WOOFER

- $31^{\circ}$ OZ ALNICO MAGNET


## - 20 TO 5000 CYCLES- 35 WATTS

This efficient $15^{\circ}$ low frequency woofer incorporates many exclusive feotures. For original equipment or replacement, it provides highly officient extended low-frequency response. Ideal for assembling 2. ond Tow-frequency response. Ideal for assembling 2. Ond 3-woy speoker sysiems. Handles 35 watts of audio power. Freavency response $\pm 2$ do 20 CPS 101000 CPS, and $\pm 5$ db from 20 CPS to 300 CPS with oraper baffling. Voice coil dia. $2^{\prime \prime}$, impedance 8 ahms. 31.5 oz. Alnico $V$. mosnet. Finished in beouliful brown enomel. Cone is seomless type, per-
monently bound to voice coil. Shpo. wi., $131 / 4 \mathrm{lbs}$. 5K-67.

Not 23.95

## $12^{\prime \prime}$ HI-FI LOW <br> FREQUENCY WOOFER

21.5 OZ. ALNICO V MAGNET-25 WATT provides efficient, exfended low.frequency respanse of $\pm 5 \mathrm{db}$ from 35 to 8000 CPS, and features 25 watts of power hondling copacity. Perfoct far high fidelity installations or for modernization of older equipment. Ideol for assembling 2. and 3-woy speoker systems, at a budget prico. Enclosed mas net structure-completely dust-preof. Compliance of outer cane and inner spider carefulty calculated fo best bess response. 21.5 or. Alnico $V$ magnet, $11 / 2^{\prime \prime}$ dia. voice coil, 8 ohm impedonce. All exposed sur faces are finished in beaufiful brawn enamel. Shpg. wh., 8 lbs.
5K.68.
Net 14.95


## TCC AT THESE PRICES

## $8^{\prime \prime}$ PM-6.8 © . Woofer. 5" PM Twecter

## Gressover Nefwork 20-15,000 cycles



Now, lor the first time, an enclosure that will give you real High Fidelity performance in small package with the advantage of the 2 -way speaker principle. Positlvely will outperform any speater arrangemant costing twice as much. Comprises apesial biq $8^{\circ \prime}$ PM 12 -watt speaker with 6.8 oz, magnot ecting ": "woofer plus $5^{\text {" }}$ specially designed PM Tweeter and Cressover Notwork to incraase the high frequency range up to 15,000 cycles. Clean, mooth reproduction, with the unmistakable "presence" of the 2 -war hi-fi reproducer-will recreate tone balance which is unbelievable.

## UNFINISHED CABINET

Cabinat is unfinished-handsomely styled-made of finest birch, perfest for the Blond or Mahogany finish you want, or you can paint it to match the style and finish that blends in with the rest of your furniture. Reproducer is completely enclosed. Size: $231 / 2^{\prime \prime} \mathrm{L} \times 11 / /^{\circ \prime} \mathrm{W} \times 10 / 2^{\prime \prime} \mathrm{D}$. Shpg. Wt. 22 lbs. No. SY-ill-Complete 2-way Speaker System And Croseover Network installed in unfinished cabinot .................................Net 32.50
No. SY- 11 -Complete System (Less cabinet) Not 13.75
Ne. S\$-34-Cabinet only Not 19.50


## 12"PM-9 oz. Woofer 5" РМ Tweeter <br> Grossover Mefwork 20-15,000 cycles



2-Way Speaker System UNFINISHED REFLEX ENCLOSURE
Now you con enjoy the finest and yet reu poy no more. Especiolly designed raflex Enclosure mokes possible oxtended boss response ond aliminotes cobinet resononce. speoke system consists of the fomous G.Et rodiction of high frequencies. The 2 -woy or. rognet octing os o "woofer". o speriolly designed 5" PM Tweeter with Crassover Netwo to increose the high frequency rcnge to $\mathrm{S}, 000$ cyclos; in on unfinished retien enclostre which you con finish to motch the style ond finish thot blends in whth the rest of you furnilure. Reproducer is completey enclosed. All anits ore mounted reody ior use. Size: $231 / 2^{\prime \prime} \mathrm{W} \times 331 / \mathrm{H}^{\mathrm{H}} \times 12 \mathrm{~s} / \mathrm{m}^{\mathrm{m}} \mathrm{D}$. Shag. Wp., 43 lbs . Enclosure only 30 lbs. Model SY-1S Complete System _.......Net 32.50 Model \$8-36 Unfinishod Reflex Enclosure only _ .............. Net 34.50
CORNLR SPEAKER ENCLOSURE (UNFINISHED)
A ful 2 woy speoker system with o spociolly dosrigmed unfin Thed corner horm onclosure Mokes wa of hoor and walls of room to ffectifey extend the range of the 2-way specker system, This type of enstosure produces the etect of o large bante oreo. You wrill toke pride in The rich hi-f sound delivered by this cerner enclosure. the style and finish that blonds with painted to moteh ure. Size $31 \%$ high, $211^{\prime \prime}$ wide 12 km you. furni wh., 48 lbs. Enclosure onfy 35 lbs. 12 k deep. Shpg. MÓDEL Ss-3s-Unfinished Corner Horn

Enclosure only .............................. 48.50
WITH TWO-WAY SPEAKER SYSTEM
The 2-woy speoker system described belot (5Y-12) com pletely instolled in corner horn enclosure. Not $\$ 35$



A specialy designed $5^{\prime \prime}$ Tweeter and Crossover Network that will assure high frequency response when used with any spadker you now pessess. You can now make your present speaker into a 2 -way speaker system increasing the high irequency range up to 15,000 cycles. Diegram inciuded. Shpg. Wt. 5 ibs.
STOCK No. SY-14
Net 7.95
Stock No. MS-71 Crossover Nełwork only Net 5.95 Stock "No. SK-35 5" Tweeter only.............Net 2.45


2-WAY SPEAKER SYSTEM

- G.E. $12^{\circ \prime} \mathrm{PM}-25 \mathrm{Watt}-9$ o玉. magnet 'Woofer'
- 5" Tweeter and Crossover Nefwork
Ideal for cuttom incidlations, where a 2-way speaker system is desired to obtain hlgh gree of audio fidalify at a price that will fit your pocketbeok. You can now replace your old speakor in your present phonograph with a 2 -way spoaler systom that will give you clean, distinct bass rasponse provictad by the Famous G.E. hedyy duty 12 ' PM 'woofer with exceptionoly large Alnico magnet (9 oz.), and increase the high frequency range with the $5^{\prime \prime}$ Tweeter and Clefe 2-way music maxing this assombly a com. plet b-way music system which will recreate form balance that will astonish you. Will outperform any speaker arrangoment costing 2 or cluded. Shpg. Wt. 13 Jbs. Wiring Diagram in
clayetter Price. sluded. Shpg. Wt. 13 Jbs.
STOCX NO. $5 Y-12$.
Net 17.50


## Lafayette Brings HI-FI Enthusiasts an Exciting NEW German Import

## Famous (ilt) REX AA <br> HIGH FIDELITY RECORD CHANGER

Serpehumn Elver]

## The Most Perfect 3-Speed Intermix Record Changer Ever Built!

\author{

- shock mounted - a-pole motor - no wow or flutter - automatic muting switch - automatic shut-off
}

A minimum of moving parts, superior quality motar and specially domped suspension moke the noise level of the Rex AA toler than ever achieved with a changer. Foremost outhorities campare Rex with professianal furntables. Leading German high-fidelity phonographs such as sloupunkt, Grundig. Telefunken and Metz use the Rex changer in their equip. ment. It is precision built, and practically free af rumble ond acoustic feedback. The shock mounted, shoded 4 -cail, 4-pole condenser motor pravides smooth, uniform reproduction at all three speads ( $331 / 3,45$ and 78 RPM ). This chonger plays 10 intermixed records, without presetting, in any size between $6^{\prime \prime}$ and $12^{\prime \prime \prime}$. Simple, two-knab control regulotes start or reject, and selects speed. Lang, nan-resonant pickup arm and friction-free horizontal bearings assure perfec tracking an any record regardless of irregularities. Tracking force easily odiustable by'a knurled knab an the side af the pickup arm. Unit is supplied with two remavoble spindies for chonger or manual ployer operation. Shuts off outomatically even when used as a manual player. Forsible withholding of the pickup arm-during a change cycle will not damage or disrupt the operation. Heovy furntable is cavered with nonslip rubber mar. Changer mounts in template cut-out, $121 / 2^{\prime \prime} \times 101 / 3^{\prime \prime}$. Overall dimensions: $121 / 3^{\prime \prime} \times 101 / 2^{\prime \prime} \times 519^{\prime \prime}$. Shpg. wt., 12 lbs.

## MODEL 750 SINGLE SPEDD RECORDER

An economical tope recorder that incorporates a host of feofures. This dual trock unit gives one hour on o 7 inch 1200 ff . reel of lope of $71 / 2$ IPS, and incorporotes the exclusive W.G. Prestomatic push-buston keyboord. Other feofures include: Full ronge tone control, volume contral, Alnico $V$ speoker, new record level indicotor, Redi-lite "ON" indicotor, exfernol speoker iock, positive erose, 3 wotl amplifier, fast rewind ( $7^{\prime \prime}$ in less thon $23 / 4$ Min) and input jack for record. ing from rodio, phono, or T.V. Frequency response 85 to 8,000 cycles. Wow ond futter only . $3 \%$. With on externol speoker if con be used os a public oddress system while recording. Tubes are GAVO, GAQ5, 12AX7 ond $6 \times 4$ rectifier. Uses $3^{\prime \prime}, 5^{\prime \prime}$ ond $7^{\prime \prime}$ reels with tid open, $3^{\prime \prime}$ and $5^{\prime \prime}$ with lid closed. Hondsome, compoct portoble cose $14^{\prime \prime} \times 12^{\prime \prime} \times 8^{\prime \prime}$. Comes complate with crystol microphone, $5^{\prime \prime}$ emply reel, and $3^{\prime \prime}$ reel of tope. Shpg. wh., 28 lbs
W.G. MODEL 750

List 99.95
Net 66.64

## MODEL 651-3 SPEAKER DELUXE RECORDER

- 3 SPEAKERS
- hiafl sound
- TAPE TIMER
- DUAL SPEED DUAL TRACK - REMOTE CONTROL OUTLET The acoustic chomber of this deluxe model contoins o triple PM speoker systom consisting of o $6^{\prime \prime} \times 9^{\prime \prime}, 04^{\prime \prime}$ and o tweeter lo odd to your listening pleosure. Frequency response is 65 to 10,000 cps with wow ond fiutter only. $35 \%$ of $71 / 2$ IPS. Duol speed $133 / 4$ and $71 / 2$ IPS) ond duat track gives up to 2 hours on $7^{\text {" }} \cdot 1200 \mathrm{ft}$. reel. It hos a visual tope index for quick locotion of ony selection on the reet, and built-in outlet for use of remote control accessory. It has 2 record level neon indicotors for "normol" ond "overlood'; 2 external speoker or eorphone jocks, eosel humi-seol hi-fi crystol microphone, input iack for recording from rodio, phono or T.V., pushbutton record lock to prevent occidentol erasure, full ronge tone ond volume controls, fost forword ond tost rewind as well os the prestomotic push-buttan keyboord. With an externol speoker it con be used as a public address system while recording. The 2 -tane cose meosures $9^{\prime \prime} \times 13 \% \%^{\prime \prime} \times 141 / 4^{\prime \prime}$ ond hos a storage compartment. Ploys $3^{\prime \prime}, 5^{\prime \prime}$ and $7^{\prime \prime \prime}$ reels with lid closed. Comes complete with misrophone, $7^{\prime \prime}$ empty reel ond $3^{\prime \prime}$ teel tope. Shpg. wf., 38 lbs.
W.G. MODEL 651
list 189.95
Net 117.77


## MODEL 642... 2 SPEAKER RECORDER

Similor to model 651 above with all its bosic feotures except hos 2 speokers ( $0^{\prime \prime} 5^{\prime \prime} \times 7^{\prime \prime}$ and $4^{\prime \prime}$ ) one external speoker jock, and less the lope index and remote control oullet. Response 80.8500 cps. Shps. wI., 35 lbs.
W,G. MODEL 642
ist 149.95
Net 97.47
THE "PACEMAKER" MODEL T-90


A brilliontly styled recorder with o 2 -woy high fidelity speoker system consisting of a woofer and tweeter with high pass filler. Friequency response is $50.10,500$ cycles of $71 / 2$ IPS. Flutter is less thon $0.3 \%$ ond signol to noise rotio is 50 db . All functions are orcomplished with the single lever Unimogic control. It is o duo! Irack, duol speed unit with instont choice of either $33 / 4$ or $71 / 2 \mathrm{PSS}$. Other feotures include automotic index counter for quick locotion of ony selectiont in rees, mogic braking to prevent spilligese 2 innut iacks for recording from microphone, radio, phono or iv 2 output iock from microphone, fadio, phono or $\mathbf{y}$ button interlock to prevent occidentol erasure, sepocate recbrd-ploybock ond erose heods to assure low noise level, ond stroight-line tope looding. Comes complete with' microphone, 600 ft . pie-recorded tope ond $7^{\prime \prime}$ empty reel. Size $13^{\prime \prime} \times 15^{\prime \prime} \times 10^{\prime \prime}$. Shpg. wt., 27 lbs. PENTRON T.90..... . List 109.95 .............Net 139.5 D
PRNTRON RECORDE: ACCESSORIES

FP. 10 Foot Podol
X-166 Cord with stondord plug for recording from rodio or phono
X-310 Some os X-166 but with miniofure pin plug
X-167 Extension mike cord with stondord plug
$\mathrm{X}-311$ Some os $\mathrm{X} \cdot 167$ but with miniofure pin plug

## WILCOX GAY RECORDIO ACCESSORIES

HC 12 Remole hand control with 18 ft . con. necting cable ond plug or 651, 674 ond oider 5F. HC-12 Not 5.97 20-233 Rodio-pnono 20-233 Rodio-pnono
recording coble for oll recording coble $\mathrm{tCl} \mathrm{m}^{2}$. 20.233 .......Net .81 9.2221-2 Microphone extension cord, 25 ft . extension cord, 1 9-2221-2 Net 3.30 $9-2249$ Potch cord for duplicoting use with all models except $4 \mathrm{Cl}^{2}$
9.2249


Net 13.13
Net 1.85
Net 1.50
Nef 5.25

Page 16






INDUCTION TELEPHONE PICKUP

FOR RECORDING TELEPHONE CONVERSATIONS Induction celephone pickup now be pictred up fithon no con ping of eires or special tole. phane circuits simply olace the phone bese. sither cradle or upright type. on the picture plattorm and connact the leadi to the high impedance input of any medium gatin axdio empli. fier. or directly to any tape. dise or mire recorder. STOCX NO. MS. 16 $\$ 2.95$

Nowly dosigned tolophane pickup that oftaches to earpiece of telephone by a suction cup. Picks up both sides of conversation and moy be used an any tyse mephane. No electrical cannection ta telephon reeded. Just cannect directly to any recarder. This fidelity. Complep gives high oulput ond oxcopional Shpg. wt., 1 is.
MS-302
.Net 7.35

## METAL TAPE STORAGE CHEST 2.99

## STANDARD CASE

Stondard Case: Sturdy all stoel carrying Cast. Holds $127^{\prime \prime}$ or $5^{\prime \prime}$ reols and cans. fact partabitity-ideat for frling and stor. age. Gusrds againat erpasure fo moisture and eccidental erasure. Finished in pletinum gray hammarloid. Handie tolds for compectness. Includes inder cards for quict identifiction. Mutal peparators hold each ML-60



Designed by the tape editar of a ma or metwork, the Editall splicer speods cutting without producing fatioue. Used by braadcest stotions, netwarks, and recording studiss. All absolute necessity in building a library of tape recordings. Solidly mode of pracision-
machined Duraluminum. Hales provided for machined Duraluminum
convenient maunting.
M5-290...........
FLAMN
TAPE
TREADSR

- IT'S NEWI
- TME TAPE THREADER YOU'VE EEEN ASXING FORI
At loifl No more awkword fumbling, throoding - reur Flahon threoder ever ogainsf the real, slip your flathon ihreoder over the capston shold ind tope firmly ogoinst the reel. A fow turns on the cronk, ond you're reedy to ploy ar reword. Con be uied as a monual cronk to rototer reel by placing tip in slot nearest spindle. Somes timesoves tope. Shpe. wh., 2 of. MS. 222

Look what yau gell 40 expert lessan: recorded on 4 IP recards. A convarsatianal manual that repeats eroch recarded lesson in print. You can bath hear and see all the werdsl Yau benefit from the double Impact of sight and sound... Iearn faster, retoin the lessans betrer. 16,000 frequently used Camman Usoge Dictionary that from the foreign languaenty used words and phroses, translated from the foreign language you choose inta English and vice-versa. You can grasp them at a glancel Entire Living Languoge Course consisting of 4 records and 2 boaks. Shpg. wh., 4 lbs. Specity longuoge desifed.

METAL STORAGE CANS


Cen holds $\mathrm{T}^{\prime \prime} 1200 \mathrm{ft}$. tepe reel. Gives ultimate in protec. tion ta, prociaus recardings. Handsome finish of grey manimum storage in minimum spact. Precision fit mattes opening end closing easy. Fit perfectly in chests shown bave. shpg. Wf. ex.

Net 9.95


ER
Cuts 2 rounded indentotions in the lope whice leaving the edges of the fope lirely free of odhesive. Adhesive deposit. ed on infliol ports of erecorder is o fre auent coute of waw and Autter. As lifte of $1 / 4{ }^{*}$ tope need be remaved. Shpg. wt. $1 / 216$.
Ms.28

## ADHESIVE REEL LABELS

Convenirnt presson adienive laliele for mositive identification of tape reele. Fingy to apply or remove.
MS-292 ...... Phg of 30
16

## ATTA=GLANCE DISCS

- CATALOGING, INDEXING DISCS. The Atra-Glance tope selector disc fits on
the spindle and revolves with the reel the spindle and revolves with the reel. dexing, ond cotologing right on top of the reel for foit casy reference. Simple to selact sforting and Anishing positions curate subioct recorded. Permits acMs.229, ingexing and cataloging 12 sio.

MS-224. 7" dio
Eoch IS4
Eoch 154
1.00

inolvenacy berin
Fine plastic reels far recording rape.
MS-267 ........In lots of 6, Each. 3 s
Singly, Each. 45

## MAGNETIC TAPE SPLICER



An, exceilent accessory that splices tapes accurately and oliminates joint mullaneously. Nicheted bress cul sist multancously. Nickeled brass finish. MS-289 $\qquad$ 1.47

## Modew Styling-P:ONXORRAP:SS-Bulapet Pried



## 3-SPEED PORTABLE PHONO

With this partable phanagraph yau can play any recard un to $12^{\prime \prime}$ size of $331 / 2$. 45 or $78 \mathrm{r} . \mathrm{p} . \mathrm{m}$. A simple slide switch selects the proper speed. The light weight pickup or $m$ is equipped with an all-groave needle-one needle for all recards. The phonograph amplifier has a selenium rectifier and drives a fine Alnico $v$ speaker. The volume contral is equipped peaker. The volume contral is equipoed desianed to provide shack pre entire unir Altractive 2 -tone cose for 110 volts 80 yrcles anly size $121_{2 \prime \prime}^{\prime \prime} 101 "^{\prime \prime} 5{ }^{\prime \prime}$ ycles only. Size. $121 / 2^{\prime \prime} \times 101 / 4^{\prime \prime} \times 51 / 4^{\prime \prime}$ Shpg. wf., 10 lbs
PH-26-3-speed partable
phano.
Net 15.95

## DUAL TURNOVER CARTRIDGE WITH DUAL STYLI

Now extremely campact partable 3 -speed phano ployer. A simple slide switch in. phano player. A simple slide switch in.
stontly regulates the mator for $331 / 9,45$ and $78 \mathrm{r} . \mathrm{D} . \mathrm{m}$. Precision built mator for "wowless" repraductian ap all speeds wowless repraduction af all speeds Hos contrals. Turnover cortridge with two ane cantrals. Turnover cartridge win two eodles. Shockproaf heary-duly, constont -speed mafor. Covered in your chaice af astrich brawn and tan linen or charcaal

PH. 45
Net 23.25


## DELUXE HI-F

PORTABLE AUTOMATIC

- GARRARD CHANGER WITH G.E. CARTRIDGE 2 SPEAKERS - PUSH - PULL OUTPUT

This is Lafoyette's finest high-fidelity autamatic partable. Incarparates the world famous Garrard changer equipped with GE triple play magnelic cartridge and dual sapphire styli. The powerful. sush-pull amplifie: has 4 tubes plus a selenium rectifier. Speaker systom can. sists of on $8^{\prime \prime}$ heovy duty wide range PM speoker and a $4^{\prime \prime}$ twoeter. This cambination gives widest possible frequency range and distartionless tane. Has sepa. rate bass. Preble and valume cantrals. Beautifully finished in chaice of brown and ivary or gald lace.white and black skiver. Size $18 \%^{\prime \prime} \times 9^{\prime \prime} \times 151 / 2^{\prime \prime}$. Shog wh. 26 lbs

Net 77.25


## DELUXE 4-SPEED

 AUTOMATIC PLAYER
## - V-M INTERMIX RECORD

 CHANGER- TURNOVER CARTRIDGE-

This deluxe 4-speed partable phano with outamatic 4 -speed V-M changer will repraduce a slack of $162 / \mathrm{s}, 33 \mathrm{l} / \mathrm{s}$. 45 and 78 RPM records. Automatically shups aff after RPM records. Automatically shuts aff after
last record. Powerful amplifier uses 2 lust record. Powarful amplifier uses ${ }^{2}$ Alnica V $8^{\prime \prime}$ PM speaker for excellent tone and volume. Featherweight pickup features a dual reversible cartridge--ach with its awn lang.life needle. Separate volume and tane cantrals. Provides in. stant changeaver ta play 78 rpm and bath speeds of it records. Play ail records with lid clased. Quiet, smaath aperaling ance. Covered in wauble-iree perfarm-
 on $110-120$ volts, 25 lbs. For aperation on $110-120$ valts, 60 evele $A C$ PH-47.
49.50

LAFAYETTE HI-FI STAR

- GE RELUCTANCE TRIPLE PLAY CARTRIDGE WITH DUAL SAP. PHIRE STYLI
- DUAL SPEAKERS: $6^{\prime \prime} \times 9^{\prime \prime}$ WOOFER AND $4^{\prime \prime}$ TWEETER Latest madel of the fomaus Lofayette Stor naw intarparates a dual speaker system cansisting of a $6^{\prime \prime} \times 9^{\prime \prime}$ heavy duty PM speaker and 4" PM tweeter. It has separate bass, treble and valume cantrals. The lightweight orm is equipped with a GE RPXOSOA magnatic cartridge with dual sapphire styli to play all 3 speeds. Frequency response extends to 15,000 cycles A truly fine insirumént of a remorkably low price. Sturdy case measures $161 / 9$ $\times 121 / 2^{\prime \prime} \times 7^{\prime \prime}$ and is covered in your chaice of new smort calors; astrich brawn or | astrich gray. Shpg. wi., ${ }^{16}$ lbs. |
| :--- |
| PH-46 |
| Net |
| 6.75 |



## PORTABLI <br> AUTOMATIC 45 RPM RECORD CHANGERplaỷR

- PLAYS A STACK OF 1445 RPM RECORDS AUYOMATICALLY
An aftroctively sfyled partable phonagraph for all types of 45 RPM records. Self cantained pawerful amplifier and Alnica $V$ speaker. Aufamatically changes recards: ploys a full stock of 14 for up to 2 hours of cantinuous music. Has full range valume contral. Wood cose, with lock carner cancantral. Wood case, with lock carner can structian, is covered in green and iweed, or coral and tweed leotherette. Truly portable, only $81 / 4^{\prime \prime} \times 10 \frac{3}{4} \times 7^{\prime \prime}$. Shpg
PH-42.
Net 26.95
PORTABLE


## AUTOMATIC

## RECORD PLAYER

- BRITISH BSR CHANGER
- INTERMIXES ALL SIZES
- FLIf-OVER CARTRIDGE

An ecanamically piliced partable incerparating the Engiish BSR recard changer that intermixes all recards of same speed and outamatically stops after last recard. Has lightweight arm with flip-over cartridge and dual siviti. Pienty af pawer far hame use, for parties ar dancing Has Alnico $\checkmark P M$ speaker Cabinet finished in brown simulated leatherette with gald beading. Plastic handle and branze finish hard ware. Size $131 / 4^{\prime \prime} \mathrm{W} \times 11^{1 / 2} 2^{\circ} \mathrm{D} \times 8^{1}$ " " H Whare wize 20 lbs

PH-52 Net 3575

## HIFFIDELITY PORTABLE AUTOMATIC PHONO

- COLLARO INTERMIX CHANGER
- G.E. TRIPLE PLAY CARTRIDGE
- DUAL SAPPHIRE STYLI

This partable phanagraph cantains the warld famaus Callara 4 speed recard changer made in England Pawerful 4-pale motar, weighted turntable and featherweight tane orm, iam-proof mechanism, autamatic muting switch are o few af its features. It's equipped with the equally fomous G.E. high fidelity triple-play RPX.0504 cartridge that cavers a fre quency range of $25-20.000$ cycles' Add ta this a heary $8^{\circ}$ wide range speaker, separate bass, treble and volume cantrals. a triple negalive feed-back circuit and an excellent amplifier-and you have a real high fidelity phanagraph. Covered in choice of lalest aftractive chorcaal or saddle lugage. Size $181 / 2^{\prime \prime} \times 151 / 2^{\prime \prime} \times 0^{\prime \prime}$ Shpg. Wi.. 26 lbs.
PH. 48
. Net 69.50


Page 18

For the modest price of 89 eoch (less in quantity) you con now offord o reol librory of Mi-Fi LP records. All ore $1 \mathbf{Z}^{\prime \prime}$ vinylite $33 \%$ RPM ond giva you up to one full hour's enioyment of your fovorite recordings. Wide solection of clossicol, semi-clossicol, donce nusic, hit tunes ond populor fovorites. We invite you to compore these with records

| $\begin{array}{cccc}\text { P.12-1...TCHAIKOVSKY: Symphony No. } 4 \\ 2 \ldots & " 1 & " & " \\ 3 . . & " & " & 6\end{array}$ <br> 4...FRANCK Symphony in D Minor <br> 5. . . BEETHOVEN:"Postorale" Symphany Symphony No. 7 <br> 7... BRAMMS: Symphony No. 1 <br> 8... <br> ... <br> 10...GRIEG: Piono Concerto <br> 11. . "EMPEROR" Concerto <br> 12. . RACHMANINOFF: Second Piono Concerto <br> 13... MOZART: Piono Concerto No. 20 <br> 14. . . DVORAK: "Now World" Symphony <br> 15..."SCHEHERAZADE". <br> 16... "PATHETIQUE" \&MOONLIGMT" Sonotos <br> 17. . . SCHUBERT: Symphony No. 9 <br> 18... <br> 19... BIzET: Symphony in C <br> 20...CHOPIN: Polonolses, efc. <br> 21...BEETHOVEN: "Kreutzer" Sonoto <br> 22... PEER GYNT SUITE NO. 1 . 1812 OVERTURE <br> 23...BEETHOVEN: Symphony No. 4 <br> 24...J. STRAUSS: "FLEDERMAUS" Highlights <br> 25... BEETHOVEN: Piono Concerto No. I <br> 26. .."MIDSUMMER NIGHT'S DREAM" <br> 28...SCHUMANN: Fontosie <br> 29. . OVERTURES: "Romon Cornivol" " Beoullful Melusine" " otc. <br> 30. . "ROSAMUNDE" Bollet, efc. <br> 31..."L'ARLESIENNE", "TALES OF HOFFMAN". efc. <br> 32. . GERMAN MASTERS: Siefried Idyll, etc. <br> 33...WEBER: Overtures; "Der Freischulz", ete. <br> 30. otc. <br> 36. . MUSIC OF THE ROCOCO <br> 37... LlSZ7: Hungorion fontosic, etc. <br> 38... "Piono Concerto No. 1, etc. <br> 39. . "THE KING AND "" Highlights <br> 40..."SOUTH PACIFIC" Highlights <br> 43. . TCMAIKOVSKY: Piono Concerto No. I <br> 44. . . DVORAK: Slovonic Donces $1-8$ <br> 46... SYMPHONIE ESPAGNOLE, Violin 8 Orch. <br> 47...FAMOUS CONTRALTO ARIAS <br> 48... BEETMOVEN: "Appossionoto" Sonoto, elc. <br> 49. . . POP CONCERT <br> SO..."CAPRICCIO ESPAGNOL" "SYIVIA" BALLET <br> S1..."ROMEO \& JULIET" A MUSIC FOR EVERY MOOD <br> 52. . "CARMEN' Highlights <br> 53..."LE COQ D'OR" SUITE, etc. <br> S4..."1812 FESTIVAL OVERTURE", otc. <br> 55..."THE GYPSY BARON" Highlights <br> 56..."'NUTCRACKER SUITE", etc. <br> 57..."THE BARDER OF SEVILLE" Highlights <br> 58..."UNFINISHED" 5YMPHONY | 60... ONE HOUR OF CONCERT FAVORITES <br> 61. . ONE HOUR OF STRAUSS WALTZES <br> 62...JEROME KERN: Smots Gets In Your Eyes, etc. <br> 63. . VICTOR HERBERT: Babes in Toylond, Red Mill, etc. <br> 64. . . IIGMT CONCERT MUSIC: I Love You Truly, etc. <br> 65 . . BEETHOVEN: Symphoay No. 5 <br> 66... ORGAN FAVORITES: Humoresque, Liebestroum, etc. <br> 67. . GEORGE GERSHWIN: The Mon I love, efc. <br> 68...SIGMUND ROMBERG: Lover Come Bock To Me, etc. <br> 69...COLE PORTER: Night 3 Doy, ote. <br> 70...IRISH MELODIES: Wild Irish Rose, Killorney, etc. Americon Folk Jongs: Old Block Joe, Kentucky Home, etc. <br> 73. . MUSIC FOR EVERY MOOD: Sober Donce, Horo Stoccolo, etc. <br> 74. . .AN HOUR OF SOUTH AMERICAN TANGOS: El Choclo, ofc. <br> 75... AN HOUR OF PIANO ENCORES: Chopin, Schubert, etc. <br> 76. . . TCHAIKOVSKY: Fovorites <br> 77... LATIN DANCE FAVORITES: Ciellio Lindo, etc. <br> 78... MENDELSSOMN: Violin Concerto <br> 79. . . MEART OF THE SYM PHONY: Die Moldov, Finlondio, etc. <br> 80... AN HOUR OF NURSERY RHYMES AND TALES: Cinderello, efc. <br> 81... AN EVENING AT THE OPERA: Cormen, Pogliocki, ofc. <br> 102. . "RIGOLETTO" Highlights <br> 103..."MADAME BUTTERFLY" Highlights <br> 104...DANCE POLKAS <br> 105... GEORGE M. COMAN IAVORITES <br> 106...DANCE FAVORITES <br> 107... GAY PARISIENNE <br> 108... RELIGIOUS HYMNS <br> 109... SPIRITUALS <br> 110.. ONE NIGHT IN VENICE <br> 111... HYMNS OF FAITH <br> 112... MERRY WIDOW <br> 113...JAZZ, BE-BOB AND GLUES <br> 114.. "A1DA" Highlights <br> IIS...SARAH VAUGHN, DIZZIE GILLESPIE AND OTHER STARS <br> 116... TWENTY BEST LOVED HYMNS <br> 117...STORY TIME <br> 118..."KISMET" Highlights <br> 119... "CAN-CAN" Highlights <br> 120... "THE MIKADO" High ights <br> 121... TCHAIKOVSKY: Violir, Concerto <br> 122... ETHEL WATERS - JAZI GREATS: COZY Cole, Hot Lips Poge, J. C. Heord, Sobby lewis, etc. <br> 82. . MUSIC FOR MELAXATION <br> 83. . YOUR <br> DANCE |
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## 60.


63.

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. MUSIC FOR EVERY MOOD: Sober Donce Horo Stoccofo, etc. EI Choclo, otc.

LATIN DANCE FAVORITES: Ciellto Lindo etc.

MEART OF THE SYM PHONY: Die Moldou, Finlondio, etc.
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AN EVENING AT THE OPERA: Cormen Pogliocki, ofc
"RIGOLETTO" Highlight
03. . "MADAME EUTTERFLY" Highlights

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SPIRITUALS
ONE NIGHT IN VENICE
MYERRY WIDOW
JAZZ, BE-BOB AND BLUES
SARAH VAUGHN, DIZZIE GILLESPIE AND OTHER STARS
16.. .TWENTY BEST LOVED HYMNS
117...STORY TIME
"KISMET' Highlights
"THE MIKADO" Hight
121....TCHAIKOVSKY: Violir, Concerto

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83. . YOUR DANCE PARTY

ONE HOUR OF CONCERT FAVORITES ONE HOUR OF STRAUSS WALTZES
ote KEN. Smose Gets in Your Eyes, Mill, etc.

EETC.
ORAN FAVORIES: Humoresque, Liebe
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YOU DANCE PARTY 9. AN HOUR OF RUSSIAN GYPSY MUSIC $94 .$. LIGHT MUSIC FOR LISTENING 96 . . FAIRY TALES - NURSERY RHYMES 97. . MEART OF SCMUBERT SYMPHONIES 98 .. "LA BOMEME" Highlights
99... RHUMBA FESTIVAL
100... FAMOUS AMERICAN MARCHES
123...AN MOUR OF VIENNESE WALTZES
124. . . THE MTORIES OF HANS CHRISTIAN

ANDERSON Red Shoes, The Tinder Box, etc.
125...TWELVE CHOPIN WALTZES
126...ECHOES OF PARIS: I Love Poris, Lo Vie En Rose, lo Seine, otc.
127...THE COUNT OF IUXEMBOURE
128... MUSIC BY CANDLELIGHT: Melody in F,

Solut D' Amour, Sonfo lucio, etc.
129.. "LINZ" SYMPHONY
130..."MAROLD IN ITALY"
131.. . AUTHENTIC DANCE MAMBOS
135... MUSIC JUST FOR TWO: Perfidio, Gronodo,

## otc.

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138. . .ECHOES OF LATIN AMERICA: Cielito Lindo, Peonut Vendor, Hot Donce, etc.
139. . .ECHOES OF VIENNA: Blue Donube, Fleder mous Waltz, Wien. Wien Nur du Allein, etc GERSHWIN: An Americon in Poris
STRAUSS: Viennese Blood, etc.
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144. . .ROCK AND ROLL
145... GERSHWIN: RHAPSODY IN BLUE
146...SARAH 2 DIZZY: Soroh Voughon. Dizzy

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This new, economy hi.f amplifier hos mony deluxe feoluras for exceplionol dor formonce. The three inputs ore rodio/erystol phono pickup, mognetic phono pickup and mierophone. A selector switches the input from rodr apron slide iwitch mognetic pickup. depanding upon the position oúNCY RESPONSE $- \pm 1 \mathrm{db} 30$. OUTP - DISTORTION - $1.5 \%$ hormonic. $4 \%$ intermodulotion of 8 wotth. CONTROLS - Input Selector; Volume; Treble; Power-On-ON-Boss. TREBLE io to TROL - Flof response up to 15 db boost. BASS CONTROL - Flot respense up to 18 db oftenuotion. OUTPUT IMPEDANCES - 48 ond 16 ohms. TUBES - 8 . 6SI7GT. 2 - 6 VGGT ond 5Y3GT roctifier. AUXILAAR AC Hommertone finish. SIZE - $1012^{\prime \prime}=61 / 4^{\prime \prime} \times 5 \frac{1}{4^{\prime \prime}}$. WEIGHT - $81 / 2 \mathrm{lbs}$. For 120 Volts. KT-91

5-WATT PUSH-PULL AC-DC HI-FI AMPLIFIER KIT


Here in kit form is on AC.DC hi-fi omplifier that presents unusual feotures despite its both low ond high frequency esponse ond bolobie controls permit odjustment of crystol or ceromic cortridges. Hos a 4 -tube tine up-. Works equolly well with both inverter, 035 W 4 rectifier ond os A - Fubs tine up-o $12 \mathrm{AX7}$ omplifier and phose low distortion output. The circuit utilizes on inverse feedbock to power-pocked level of hum ond distortion. Kit is complete contoining feedbock loop to reduce the detoiled instruction monuol showing pictorial ond schemotic diogroms. Shpg, wt 4 lbs. KT-92

Net 10.95
TECHMASTER HI-FI FM TUNER KIT


### 29.50

A superior quality bosic hi-fi FM tuner kit designed for primum performonce and Adelity of o minimum cost. Feolures odvonced drift-free circuitry hoving excellent seectivity and cleon, foithful audio reproduction. Self-con loined power supply. Micro vernier tunine covers 87.10 MC ronge. Full 200KC bondwidth. Hos o grounded grid RF stage. The arc hos o monual front-control cuton ro pick up weok signal itations - no-drift rotio detector and stondord Collower output permits long coble to omplifier with. ©-emphosi nerw SEMSITIVITY: \& for 20 DB quieting. OUTPUTS: Cothode fol out loss of hight SEN impedonce 3.2 V RMS. TUBE COMPLEMENT: 2.12ATV 68A6,
 6AU6, 6AL5, 6CA plus selenium with punched chossis, oll tubes and hordwore (les PEDANCE: 300 ohms. Complete with punched chossis, oll . Shpes. wt., $61 / 2 \mathrm{lbs}$, wire ond solder) with detoiled cosy-ro-follow insiruction. Net 29.95 TECHMASTER PM-18

Net 7.50


A high-quolity down-to-orth priced with teporete $A \bar{C}$ 1.5 db. Swif.coutained AC ompliher the with frequency response basi control boost 12 DB ond sritch. The volume control is contirs, 50.60 cycles phose bui $5 V$ input. The tube complentrol boast 12 Ds. Moximum 8 vorioble, cathode-ray or, 2-12A6-push-pulf beament consists of 12J5-1at ompowoth outpuit compoct ray output indicotor. Mica flled pewer output. SY3GT rectifer ind 12517 mounting. Supelied long, $61 / 2^{"}$ wids ond $51 / 2^{\prime \prime}$ hefa. The chrome ploted chose 1629 olefte with instruction with escutchoon template high ond is adoptobled to books it a Shpe. wt., 3 Itrion book contointing step-byd matching silver-inioy tnobe shelf \&T-111

Nef 17.50


- RADIO RECEIVER

2. PHONO-MICROPHONE AMPLIFIE
3. PHONO OSCILATOR
4. BROADCAST STATION
S.CODE PRACTICE OSCILATOR 6. CAPACITY OPERATED RELAY 7. SIGNAL TAGER 6. ELECTRONIC TIMER 9. ELECTRONIC SWITCH 10. PHOTOCEL RELAY
ebortiory folied experimeniert kh derigned to provide moximum in struction and entertoinment ond which is ldeol for both the beginner ond advonced experimenter. Feotures procticol and inferesting circuits which enoble you to de mony novel ond interesting things while learning how these circuits function. You con broodcost your voice or ploy a phonogroph through your rodio from onywhere in the house, send code through o hoodphone or rodio, or use light or body copoctionce to octivote electrical circvith. Sofe, low voliage is villized. Kit is complete with perforoted mounting boord, 3 vacuum tubes, misrophone and all parts necestary for construction. A defoiled 12 poge Instruction manuol contoins simplo-to.foltow pictoriol ond schomotic diogroms for eoch proisct. lesi heodphone, photoelectre cell ond socke., wire ond sold........ Net 12.95
PHOTOELECTIC CELL THPE ESE
12.95
2.85

AMPHENOR YYMIPA SOEXET FOR ABOVE 08
CANNON AM-15-1 1000 ONW SINGLE HEADPHONE 1.18

TECHMASTER DELUXE SELF-
 60 ecles - $12 A U 7$, ond 664 iubes plus selenium Old 78': RIAA. FFRR ond AES, conirol. It's isoloted tromformer. Cothode follower output, power supply for 115 S Simple diogroms. Kit is buila. Sockets, terminoli ond connestoudness compensoting eon. Size $9 \% \%^{\prime \prime} \times 3 \% /^{\prime \prime} \times 41 / 2^{\circ}$. She with oll tubes, cobinet and matching on chassis. TECHMASTER TM. $14 \mathrm{I}^{2}$. Shpg. wt. 5 lbs. TECHMASTER TM-16SP

## EDUGATIONAL! PRAGTIGAL! FUN TO BUILD!



GERMANIUM DIODE RADIO SET KIT


Real basic tht using the new germentum diode. bullds highly sensitive redlo sef. Requires no batteries or power supply. Kit Includes prewound call, single gang candenser, germanium diade, instruction boat, Lass wire shpe . Wt. 2 the ond instruct
ET-43
$T-43 \ldots+$ Nef 3.62


- WIRELESS MOME BROADCASTER

Requiros no soldering. All wires and paris at inte clips. You on-off switch. Corers the broudcest band; or jou can lealld and -lreless horme brosdcapter with which sou can broadeast sour own volce thru say radio in the houre within iro ft.: of you can connect it to a phonograph and piay recorda through your radiocondenger. prewound tuning coil, solume rantrol. switch, board.
 кフ・4. ................................. . Kit wees ode each BATTERIES RCA $=\mathrm{V} 5036-11 / 2$ rolta Net .10

## 3 WAY PORTABLE RADIO KIT

- OPERATES ON

AC-DC OR BATTERIES
20.85

## BROADCAST RECEIVER

Build this extremely sensifive portable rodio which operotes on elther 110 V AC, 110 V DC or batteries. Covers the enlire broadcest band from 550 to 1600 KC . Utilizes miniature low drain tubes: IR5 converter, 1U4 I.F. amplifier, IUS detector and first audio amplifier, 3V4 power ampllfier plus a selenium recilfier. Beautiful 2 tone polysterene cabinel $10^{\prime \prime} \times 41 / 2^{*} \times 7^{\prime \prime}$. Builf in loop antenno. Complete with fubes, ports, cabinet and canstructian manual featuring llfesite pictorial diagrams, and easy step by step wiring instructions. Supplied less batteries Shps. Wi., 4 tbs.
KT. 57
Net 20 -5

## PHILMORE DUAL BAND BROADCAST-SHORTWAVE - RADIO KIT

 Covers the entire Broodcest band fram 550 to 1700 Kc . plus the 6.18 Mc band far Shartwave listening. Picks up Ham mesages, foreign stofians, eic. Excellom senllivity provided by regenerative circult. Simple picture diagrams, sche matics and easy-to-follow instrucitons. With punched chassis-grey hammertane finish and rilk-sereened dials. Complete with hardware and 4 PM 35756
4 lbs.
Model 7H01C


A trpical Latasete ralue. This key has an A trpical Latayette ralue. This key has an plated. His spring action, smoth bearings. nnd sifrer conturts. Bese is phenollc. A reai MS-319.

Net 1.25


## "GENIAC" THE FASCINATING ELECTRIC BRAIN KIT

- AMAZING ELECTRIC BRAIN COMPYTES, "REASONS"


## PLAYS GAMESI

Yau bultd eny of 33 exciting electric broin machines that tost intelligence, code and decode, add, subtroct, muliply and divide, play Tic-Toc-Toe, otc. salve puzzles, build burgiar alarm, reason in syllegisms, etc. Na soldering required $\rightarrow$ - o simple to canstruct that even a 12 yeor ald can make a mochine that will fascinate a scientist. Includes 200 page "Minds and Machinet". 64 page "Simple Electric Erains and How to Make Them". Beginners Manual and complete witing instructions. Attroctive melal decklo finish. Complete with mounting rock and Dattery. $161 / 2^{\prime \prime} \times 11 / 4 /{ }^{\prime \prime}$. Shog. wt., 5 ibs.
KT-7

.n.Net 17.95


LAFAYETTE GEIGER COUNTER KIT WITH
HIGH SENSITIVITY VICTOREEN TUBE 1885
Lefayote Gelker Counter Kil with High
ore of the most outhanding nit buys in the





Page 28

## MEAYTIE Cume <br> <br> TRANSISTORS

 <br> <br> TRANSISTORS} generation "Soups UP" the performance of transistor Reseivers. Simple transistor radios without regeneration are iust crystal detectors fallowed by audia omplification and there is no R.F. amplification, ond sensifivity and selectivity ore otways poor in contrast With fhis, this toforatte Kit, KT-68, utilizing a regenerative detector circuit and one stage of transformer coupled oudio gives you high goin and shorp selectivity, in the wee, hours, you may pull in stotions holfwoy oround the country Ai, you may pull in stothans holfway around the country. A liver almost ony ctation on the dial wh more whin de liver olmost it has more battery life thon thon am ple volume. It has more battery life thon you would dream of gelting from a tiny 15 volt battery. The kit comes complere, with iwo MRANSistors, Argenne speciolly designed Transistor Audio Tronsformer, Oynomic EorPloste Cose, Condensers, Resistors, etc., including SchePlostit Cose, Condensers, Resistors, eic., inciuding Sche-motic ond instructions. Sbpz. Wt. i $1 / 2$ ibs. KT -s8a-Complete kit with batteries but lens ear. Phone. ...as above but with MSIII crivial Nerphers Ny-ss-ar above but with MSili crytial earphone.
Net 8 270-bind ohm drnamse earplece.

11.40

Set 1.85

## TRANSISTOR CODE PRACTICE OSCILLATOR KIT

## 1 AND 2 TRANSISTOR POCKET RADIO KIIS

## ONE TRANSISTOR POCKET RADHO KIT-KT-97

- WITM NEW SUPER-SELECTIVE TAPPED FERRI-LOOP
- prepunched chassis for easy ADVANCEMENT TO 2 TRANSISTOR KIT An ideal, noat and low-cost transistor poeket radio k for students, hobbyists ond experimenters interestiod in a practical and basic knowledge of transistor circuits. Emplays the new tapped variable Ferri-loop and a specially designed miniaturized 365 uuf varioble copocitor for super selactive tuning. includes a Crystal Diade detector and a reliable transistor in a grounded -mitter omplifior sloge for maximum output. Will give good reception up to 50 mile radius with apprex. 50 ft . antenne and a good ground. Comptete with tran. sistor, erystal diade, pendight bottery, plastic cast, voriable capocitor, topped ferri-loep, resistors, :apac. thon, a meot prepunched metal chossis thot makes ad. vancement to the 2 Tramistor Kit easy-as-pite. With simple, detailed How-To-Do-ft instructions. Size: $3-5 / 8^{\prime \prime} \times 2.5 / 8^{\prime \prime} \times 1^{\prime \prime}$. Shpo. wi., I Ib.
KT-97-Complete Kit (less eorphone)..........Not 4.50


## TWO TRANSISTOR POCKET RADIO KIT-KT-98

The I Transistor Pocket todio Kit plus on oddifional resistance coupled transistor stage for increased sensitivity and greater output. Con receive oven the weother stotions with an approz. 50 f . antenno and ground. Includes all the KT .97 pet is plus one transintor, 2 resistors, one capocitor and transistor socket. Complate with simple, detolled instructions. Site: $3 \cdot 5 / 8^{\circ \prime} \times 2 \cdot 5 / 8^{\prime \prime} \times 1.3 / 16^{\prime \prime}$. Shpe. wt. I th. KT-9E -Complete 2 Transissor Kit (less varphone).. MS-111-Crystal Eorphone for KT-97 and KT-98 .Not 5.95 MS-278-3000 ohm dynamic earpiece...
$\mathrm{N}+1.49$
Nat 1.95

## CADMIUM SULPHIDE PHOTOCELL RELAY KIT

Codmium eulphide is onother cemlocenductor used er the octive moterial in modern photocells. This Itt utilizing the miniature clairer codmium sulphide thotocell has a Migh eansitivity, cerves the heort of burglar alorm syitems lighting control eystems; door openers; mofor or similar devices. The relay circult is operated directly from the 110 voll A.C. Nine. ooeratian at very fow illumination lovelis. Reloy contocts roned of 5 amps. Kit comes cemplete with claires photocell, fube, resisfort, condensern, motal case and chassls, size $3^{N} \times 4^{\prime \prime} \times 5^{\prime \prime}$. Schematic diogram and Imetructions. Shpe. Wh., illes.
KT-81 - Complete KII ...............................Not 11.50

## NEW!

TRANSISTOR CHECKER KIT ANOTHER LAFAYETTE FIRSTI

- Chectr P-N-P and N-P-N Tramsistors
- Indicates at a glanco-good, bod, high leat. -ge end sherts on multi-colored scele
- lead CAIN direct on meter-NO GAIN TOO HIGH-NO GAIN TOO LOWI Indispensable to the experimenter, dealer, serviceman and kif bullderi It checks both P.N-P and N.P.N tranisfors for leakage and shorts on a muiti-colored scale, and indicales at ance wherher transitior ls goad or bad. An ingenious 3 range selector switch permits direct Bose Current Amplification (GAIN) reading on calibroted valuable for comporative analysis to determine optimum valuable for comperative analysis to determine oprimum up-to-date manufacturers' GAIN standards. $61 / 4^{\prime \prime} \equiv 3 \frac{1}{4}$ " $\times 2^{\prime \prime}$. Shpg. Wh.. 2 lbs



## 5 TRANSISTOR AUDIO AMPLIFIER KITKTa 104

## WITH NEW G.E. HIGH-OUTPUT TRANSISTORS

- WITH NEW G.E. 2NIE9 AMD 2NI86A TRANSISTORS FOR $1 / 4$ WATT OUTPUT
- CLASS "B" PUSH-PULL OUTPUT


## - EASE AND TRELE CONTROLS FOR SUPERIOR REPRODUCTION

Lafoyette went to work on its fostest selling 5 transistor audio amplifler $1 \mathbf{1 t}$, and with the une of the most advanced transistor circult design as welt as the latest G.E. specialized tronsistors has browght out the hoftest va've in a 5 tronsistor oudio amolifior klt. $3 / 4$ watl maximum output. 3 Inputs crystal and mognotic inputs-ach input for both phono cartridty and microphome; AM, FM and Transister Rodio Tuner Input. Base ond Trable controls for fine repreduction and enjoyable listening. The circuit employs inverse feedbock for reduction in linear and non-linear distortion. Frequency response $30.10,000 \mathrm{cps}$. Transformer coupled in driver and closs " "c push-pull output stoges for maximum output ond optimum performanes. Complete with all parts, prepunched chassis, attractive knabs, and detalied asy-to-follow instructions. Size: $5-1 / 8^{\prime \prime} \times 4^{\prime \prime} \times 1^{n}$. Shpg. wf., 3 lbs.
KT-104 (FOR 3.2 OHM VC SPEAKER)
KT-105 (FOR 8 OHM VC SPEAKER) NET 22.95

## 4 TRANSISTOR SUPERHET KIT FOR EARPHONE OPERATION



## POCKET SIZE $4^{\prime \prime L} \times 3.5 / 16^{\prime \prime} \mathrm{W} \times 1$ BUILTIN ANTENNA! REQUIRES NO EXTERNAL ANTENNA OR GROUNDI FEATURES THE NEW ULTRAMINIATURE POLY-VARI-CON! 2 I.F. STAGES AND 2 RC COUPLED AUDIO STAGES!

## BUILD THIS COMPLETE SUPERHET RECEIVER

Lofoyelte engineers hove designed this foscinoting 4.fronsistor superhef receiver kit in o unique ond interesting form. It is, by itself, o completely self.contoined, pockel sized personol portoble sef which operotes o minioture earpiece so only you can heor; by plugging into the KT.96 wit listed below, it is instontly converted to o ull o-transistor home rodio, complete with speoker for the entire fomily to enioy. The set is completely subminiofurized ond utilizes the new, rodicalty different Argonne Poly-Vori-Con ultro minioture 2 -gong vorioble condenser. You will be delighted with the truly subminioture ports, from the vorioble which meosures only only $4^{\prime \prime}$ squore $\times 3 / 9$ deep, to the tiny I.F. 's ond electrolytics. The chossis meosures only $x \times 3-5 / 16$ W $\times 1 /$ D. Kou'll be omozed of its performonce. Circuit feores use of 4 tronsistors 12 high trequency ond 2 oudio type) plus o germonium diode, 2 .F. stoges and built-in high goin ferrite core ond ontenno. The result is sensilive, stoble and selective set covering the entire broodcost bond. Requires no utside ontenno or ground connection. The kit is furnished complete with tronsistors ond ofl ports, including botiery ond chossis olreody drilled ond punched. The earpiece ond carrying cose ore occessory items, nat supplied. All necessory pictorial ond circuit diogroms are furnished with simple, easy-to-follow instructions. Shpg. wt. 2 lbs.

Not 19.95

## LEATHER CARRYING CASE

A genuine leother corrying cose with colibroted broodeast diol and opening for knobs ond iock. Custom mode to fit obove kit. Shpg. wi. 1 lb. Ms-3 II Cose

## DYNAMIC EARPIECES

Almost weightless, fit snugly into eor. The economy model will work sotisfoctorily, but we recommend, for optimum results, the use of the super pawer dynomic model, which hos a speciolly high output and o delochoble cord. Shpg. wr. 1 lb.
MS-278-3000 ohm dynomic earpiece.
Net 1.95
MS. 211 Miniature Plug.
Not 22

## 2-TRANSISTOR CLASS B PUSH-PULL OUTPUT STAGE KIT WITH SPEAKER SELF-CONTAINED IN BEAUTIFUL PLASTIC CASE.



- CONVERTS 4-TRANSISTOR KIT INTO A G-TRANSISTOR HOME RADIO WITH SPEAKER


#### Abstract

With this kit you build o completely tronsistorized audio system to add to the 4 -tronsistor kit. It is a 2-fransistor push-pull amplifier with speoker, in' a tronsformer coupled circuit. It hos 2 Argonne tronsformers with proper impedonce motching to insure moximum output ond quality. The speoker is o spe. ciol, highly efficient $21 / 2^{\prime \prime}$ PM, with its excellent volume ond quality enhonced by the boffle. All ports are mounted on a cleverly designed plote thot fits in the holes of the speoker frome and slides over the mognet cover, so that the entire unit fits snugly in the cose. The cose, which is mode of tough plostle ond meosures $3^{\prime \prime} H \times 23 / 4^{\prime \prime} \mathrm{W} \times 13 / \mathrm{N}^{\prime \mathrm{D}}$, is beoutffully finished in moroon, with on offroctive grill de. sign. The kif is complete with oll ports including 2 transistors, 2 Argonne tronsformers, speoker, cose. bottery, hordwore, ond simple instructions ond diogroms. This is the kind of construction project that will give you a real thrill. Together with the KT. 94 kit (it plugs right in), it gives you o 6-tron. sistor plus diode push-pull speoker operoted radio that compores with commerciolly wired sefs selling at more thon twice the price. This push-pull output stoge may also be odded to mosl other circuits which hove a driver stage. Shpg. wh., 1 lb. KT-96 kit Net 11.50


# BUILD A 6 TRANSISTOR SUPERHET RECEIVER 

- $100 \%$ SUBMINIATURE PARTS-NO COMPROMISES!
- -ABORATORY DESIGNED-SENSITIVE, SELECTIVE, STABLEI
- CLASS B PUSH-PULL AMPLIFICATION--PLENTY OF POWER!

Superl Performance! Incomparable Value! FOR GROUP AND PRIVATE LISTENING

> Transistor-wis* Lafoyette is proud to present its 6 Transistor Superhet Receiver Kit KT-119. An outstanding achlovement of constant research and design, this kit represents the optimum In sensilivity, selectivity and stability. You'll be omozed at its superior commercial qualityl You'll be elated with its surprising performancel The circuit, using 3 high frequency RF Transistors, 3 dependable audio Transistors and Crystal Diode, features a specially matched set of 3 I.F.'s, Oscillator, High-Q Loop. Class B Push-pull Audio Amplification, and Transformer Coupling in audio and output stages. Special core has been taken in the design for exact impedance matching throughout to effect maximum trans. fer of power. Has efficient $23 / 4^{\prime \prime}$ speaker for exemplary reproduction, and earphone jack for private listening. Complete with oll parts, transistors, pre-punched chassis, battery and easy-fo-fallaw stepby-step instructions. $6^{\prime \prime} \times 31 / 2^{\prime \prime} \times 11 / 2^{\prime \prime}$. Shpg. wf., 3 lbs . KT-119 -Cemplete Kit—Less Case.. 33.50 MS-339-Sfurdy, altractive brown leather cose with carrying strap for KT.119. $6^{\prime \prime} \times 3^{\prime \prime} / 2^{\prime \prime}$ Net 2.95
> MS-279-Srnsitive matching eorphone.
> Net 2.39


## 3 TRANSISTOR SUPER-HET POCKET RADIO KIT KT-116

- CONVERTER, 2 IF STAGES, DIODE AND AUDIO OUTPUT DESIGNER'S DREAM IN A TRUE POCKET SUPERHET RECEIVER: NO EXTERNAL ANTENNA! NO EXTERNAL GROUND!
A highly sensifive, super-selective true pockel superhet receiver that wilf surprise you with its performance over the complete broodcast band. Just place it in your shirt posket, place the eorphone to your ear, and you're in for a treatl Best of alli No pesky external antenna and ground leads to your ear, and you're in for a treati best of all No pesky exiernal antenna and ground leads to
worry cboutl the circuit uses 2 high frequency canverter and if Transistors, 2 specially matched If transformers for moximum power transfer, on effleient crystal diode for detection and a dependable Audia Transistor in a single-ender audio output sloge. The components ore housed in an altractive professional-looking beige plastic cose. Comes complete with ON.OFF knob and maroon and sllver station dial that adds considerable class to the receiver's appearance. Complete with all parts, transistors, botrery, case, dial and easy-lo-follow slep-by-step instructions. $41 \%^{\prime \prime} \times 2 \frac{110}{\prime \prime} \times 1.1 / 16^{\prime \prime}$. Shpg. wi., 1 tb.
KT-116-Complete Kit.
Netls.95
MS-278-3000 ohm Dynomic Earphone..
Not 1.95


## $18^{45}$

 WITH VOLUME, BASS AND TREBLE CONTROLS
G.E. 2 N 190 TRANSISTORS

## tafoyette 3 Trangsior Hi-Ei Preanplifier Kit KT.11\% provides the valtage gain necessary for the opera-

 tion of even the lowest level nagnetic cortridges and microphones. It may be used with Hi-Fi equipment to provide stable. low noise preamplification with extremely low power consumption, zero hum and without any microphorics inherent in vacuum tube preampifiers. It is ideal as a remote preamplifier since It is battery ope ated and can te connecled by cable up to 175 ft . from assosioted equipment. It hos its own Bass and Treble controls for improved quality of reproduction, ond uses 3 quality oudio transistors. Frequency Desponse is 20 to 20,000 cycles. $\mathbf{~} 0 \mathrm{db}$ moximum gain. Zero hum level; Noise levelaporox. 48 jb below 10 millivolts input for high impedance cartridges, be ter than 52 db below 2 millivolts for lnw impedance cartridaes; Four Inputs: Three phono inputs-high output cortridges, high impedonce wariable reluctonce cortridons and low imoudonce low output cortidges; Microphone Input From 0.5 te 1 volt outont: Controls-Phono-Microphone. Hi-Lo Level, Power-Volume, Boss and Trebie Comalefe with all narts. tronsistors. pre-punched chassis, bottery and defoileci step-by-step insiructions. KT. $117 \times 31 / 2 \times 1 / 2$. Shigg. $w+., 2$ lbsKT-117-Complete Kit..
Nor 18.45


An ideal Code Prectice Oscillator for group and classroom code practice, as well os for those who prefer loudspeoker to earphone listening. This aftractive unit incorporates o well designed transistar audio circuit with a variable control for varying the signal sone. You choose the pitch which is most pleasing to you. in. geniously designed on a neat pre-punched metal chossis lo fit around the mognef of an extro efficient speoker. All the com. ponents (excepi the key) are housed in a $3.1 / 16^{\prime \prime} \times 23 / 4^{\prime \prime} \times 13 / \mathbf{c}^{\prime \prime}$ attractive maroon colored sound box acoustically designed for superior speoker performance. You'll be delighted with the tone and volume of the signal. Complete with all parts, transistop. speaker, case, bolfery, and simple step-by-step instructions. $3.1 / 16^{\prime \prime} \times 23 / 4^{\prime \prime} \times 13 / \mathrm{m}^{\prime \prime}$. Shpg. wt., 1 lb .
KT-118-Complete Kit-Less Key........................................... 8.95
MS-319—Key fot KT-118. Shpg. wi., $1 / 2 \mathrm{lb} . . . . . . . . . . .$. Net 1.25

## Remote Control Equipments Hobly Items

## R/C RECEIVER and TRANSWITTTER

AN R/C RECEIVER COMPLETELY ASSEMBLED AND WIRED - INCLUDES TUBE - READY TO OPERATE!


A truly senational value in auperbly desimed on popular exam-free $27.25 \$ \mathrm{MC}$ remoze control band. Extremely efreient and dependable. thia amatig recelver has more than adequate cemsiutanging for rane of moproximately it mile. out life with initial 3 sa tube is several thoumend houral Ingeniously constructed for unmatehed etability of performance, and to withetand unueual
vibration and shock. Requifes one 1.5 volt A battiry, one $45^{4}$ volt B battery and $244^{\prime \prime}$ antenna lemd Sixe: $14 / \mathrm{B}^{\prime \prime} \times 1-15 / 16^{\prime \prime} \times 3^{\prime \prime}$. Weight 3.3 oz.
$\mathrm{F}-200^{5} . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . ~ N e t ~$
7.95
27.255 MC REMOTE CONTROL CRYSTAL

27.255 MC erratol used in remate rodio control of habby oirplones, boots, etc. Frequency lies within "chizen bond"
Law drift, high output, de. pendoble frequency control. Tolerance $.04 \% .0 .720^{\circ}$ wide $x 0.309^{\prime \prime}$ deap $x 0.738^{\circ}$ high MS.296 NET 2.95

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| :---: | :---: | :---: |
| Coromic low loss swiket for 27,255 MC crystals Small 17) rugged MS-297 ............................... Net 15$\qquad$ |  |  | $15 c$

R/C TRANSMITTER COMPLETELY ASSEMBLED

## - First Time at this Pricel * Not a Kh - Fully Whred

## Includes Tube ond 27.253 Me Crystel - No License

txomimetion Requiredi - Range I Mle mal Morel
Foolproof, factory ascembled ond tested tronsmitter. Welghs onty a scant $41 / 8$ ibs. wish botreries. Uses powerful 3A5 pube for all the ronge you need. Antenno is $4 \mathrm{fr} . \mathrm{o}$ in. lang - six secrions telescope down to 10 inches. Noval plug. in feafure permits simple removal ond replocement of antenna. Overoll dimensions are MC. 2.12 , azciuive of antenna. Will operate any M/C roceiver at 27.255 MC. Power output effords unusual ronge of control. Leas botteries. Shpe. Wh., 3 lbs. Entworles for F-24¢ Transminter 1-Burgess 2D of HCA VSO69

## SPICIAL COM胃NATION OFFER

Consists of R/C Tronsmither ( $\mathbf{F}$-249), ond $1 / C$ Recoiver ( $F$-208)
-259-Combination
\#43... Model Contral by Rodio
\#5....Rodio Contral Mondbook
R/C MANUALS
1.00


## REMOTE CONTROL ESCAPEMENT

## - AT THE LOWEST PRICE ANYWHEREI

A sfurdy 2 arm self-neutralizing escopement. Completely wired (not a kit). Converts electrical impulses from remote contral recelver to mechonical motion for varying mave. ment of plane, boat, or car. Four $90^{\circ}$ ratolions-two by ormoture activatian, twa by neutralization. Has ratchet governor for mointoining foolproaf refoting speed. Welghs only $7 / 8$ oz. Sizer $1 \cdot 3 / 8^{\prime \prime} 1 \times 2^{\prime \prime} \mathrm{W}$ overoll. Shpg. wf., 5 or
....ano...............Net 2.45
COMPOUND REMOTE CONTROL ESCAPEMENT

- LAFAYETTE'S AMAZING VALUE IN A G-ARM SEF-NEUTIULIZING COMPOUND ESCAPEMENTI


## NO NEED TO WORRY ABOUT LOSHNG YOUR MOPEL

You have no sequence of operation to worry aboutl Simple os A B Cl One pulse always gives right Iurn; two pulses olwors gives left lurn. Three pulses closes the circuit for the supplementory contral such os motor ( $F \cdot 257$ ) or elevator, if used. The rudder alwoys returns to neutral position after ony purn as soon as tronsmitter koying button is released. With ratchet governor for foolproof operation. Sturdy canstruction-low eurrent drain. Uses $1.1 / 2$ volt bottery. Woighs $1.1 / 8$ oz. Sixe : $2.7 / 8^{\prime \prime} \mathrm{x} \times 1.9 / 10^{\prime \prime}$ overall. Shpg. wh.. 602.
$-256$.
Net 3.95

## REMOTE ENGINE CONTROL ESCAPEMENT

Lofoyette's excifing new ofr-bleed self.neutrolizing remote engine contral. Vories engine speed of your model. Neutrol position of ane orm ls law speed, mestral pesition of 2 nd orm is high speed, and mointoinad activated pasition of either orm (ormoture octivated) stops motor. Perfoct moto for Lofoyette F-256. Compact ond woigh only $3 / 4$ oz. Re.


## LORENZ REMOTE CONTROL TRANSMITTER KIT

### 14.95

Shpg. Wi. 4 Lbs.


FOR MODEL PLANES, BOATS AND CARS
Described in December 1954 Issue POPULAR ELECTRONICS

- LAFAYETTE'5 entry for superb value in the populor remote control field!

The Lorenz Remote Control Tronsmitter is a highly - ficicient instrument designed to operote on the ticanse free "Citizon Bond" frequency of 27.255 megocycles. The only F.C.C. regulation is that on F.C.C. form 505 (supplisd with kit) bo filled out ond sent to the nearest F.C.C. affice. Designed for use with ony "Citizen Band remote control rechiver such os Lafoyette KT-84. Tronsmits signols which are picked up by the recoiver for the purpose of remotely contralling madel planes, boots, cars and ather mechonical units. Its power
output provides a wide range of control. Truly ropi lor value and depandable performancel KT-87 .........ess Betteries 14.95 1-RCA VS 069 Bottery 2-RCA VSO.16 Botterios 2.28 Each Not 4.36

## TRANESHTOR REMOT Connot RECEIVER KIT

## FOR MODEL PLANES, BOATS AND CARS



NEW! "JEWEL" REMOTE CONTROL RELAY •
KT-84 . . . Lesz Botterios ....................... 11.75 Wi. 8 Oz
NEW! "JEWEL" REMOTE CONTROL RELAY

- The Mighty Mire of the
 The Mighty
R/C Fiold
- THE MICHTY MITE OF THE R/C PIELDI
- WEIGHS 1 OZ. - $100 \%$ SUR-MHNAATURIZEDI Lofoyelte tokes the lead in the populor R/C theld with this super sensivive and efricient subminiolur on 27.255 MC ond can be used with any "Citizen sond" romote control tronsmitter A perfoct mate for Lafayette Remote Contral Tronsmitter Kit KT. 87 Plonned for compociness and sturdiness to withitand sovere vibration and shock, ret weighs no more than 1 or $2.1 / 16^{\prime \prime} \mathrm{C} \mid 1 / 2^{*} \mathrm{~W}$ $\mathrm{x} 1.11 / 16^{\prime \prime} \mathrm{O}$ oyeratl Uses one $1.1 / 3 \mathrm{~V}$ and one 45 V batteries. Battery slo depends on size of model
- Weighs fess thon $1 / 2$ oxi Slae: $3 / 4^{\prime \prime} \mathrm{H}$
$1.1 / 16^{\prime \prime}$
A natural for remote control receivers, it in highly less than an commercial job avallable, it weighs MA. dron out nt 1.2 MA adjusted to pull in ni 1.4 hrow. C'sed in outstanding R/C receivers. YOU MOMEY
5,000 ohm coil IMPORTEO TO SAVE YOU MA F-2.20-Reley

Page 32

## - OUTSTANDLLG VALUES • • SPEGJILITY ITEMS •••



REMOTE CONTROL FOR SILENT TV VIEWING

## - SIMPLE TO ATTACH TO ANY TV SET OR RADIO

- SEEAND HEAR-NOISELESSLY-CONVENIENTLY
- LOOK AT THESE FEATURES!
$\qquad$ people can both see ond heer the program with the loudspeeker cut of without disturbing the rest of the Foll Mand the neighbors see and heor without quening the sen the noise. They can liston either eith the loudspester cut off or, if the rest postor on.
FOR NOISY PROGRAMS: Don't lat the kids' "Wild Western's" bother you of them view and FOR NORMAL OPERAIION: Does not affect your requler use

REMOTE CONTAOL: Comas complate with 20 h . of cable so con be operated comioriably from distance. Has its own ither 1 or 2 esr phones can be connected
OYNAMIC EAE PHONE: Set is supplied with one of at GONNE oiclusive Hi-Fi dynamis miniefure eerphone. Highly ensitive and efficient. Phore is complete with $\mathbf{3} \mathrm{H}$, cord end fips, reedy to insert in control boz.
CONVENIENT: Site only $3 \mathrm{~K}^{2}$ "n2"Elly". Complete with I oor. phone and 20 Ht . catle. Complotely firad with instructioni.
MODEL MS. 125
Nब 6.50

EXTRA EARPHONE
To plug in to astre jacks on contral boz to two cen listen.

## SUPER MINI-MOTORS <br> \section*{High speed, powaful, batery aperated}

 High speed, powarful, battery opelotedmotort. For hobayisti-lobs-industery motort. for haboyisti-lobs-industry Instontiy peversible. Operote from
Acantight botleries. Two pote perman Aonhtight botteries. Two pote perman
ent mognet field. Brass sleove beoring ont mognet field. Brass sleeve beoring
-phosphor bronze brushes. Industrio desien cosing and mount. Shoft diom

## 1/30 HP MOTOR

1/30 h.p.- 1.5 to 8 V.D.C. operating voltoge, 6 V.D.C Power cansumption 200.250 MA . 2,800 to $4,000 \mathrm{RPM}$ oh 6 V.D.C. Weight 5 az. Overall dimenslanst 2-5/16

## F-177.

## 1/60 HP MOTOR

$1 / 60$ h.P.- 1.5 to 4.5 V.D.C. operoting voltage, 3 V.D.C. Power consumption $250-350 \mathrm{MA}$. 5,000 to $6,000 \mathrm{RPM}$ ot 3 V.D.C. Weight 2 oz. Overall dimension: $11 / 4^{\prime \prime} \times 11 / 4^{\prime \prime}$


## REAR SEAT AUTO SPEAKER KIT



## DeL

 WITH 2.15 OZ. ALNICO V MAGNET A camplete kit for adding another speaker in the rear of your co heovy duty trpe you find in kits selling far fwice this price); o CRL PK 300 three pasition switch so you can seleat either speaker olone or both together, dial plate with mounting bracket, knob and hordware SK37
## DeLUXE 5" $\times \mathbf{7 "}^{\prime \prime}$ KIT <br> (20

 chrome grille. Shpg. wt. 3 lbs SK-42
## FADER TYPE AUTO KITS

Rear seat sutu speaker kits, identical to the above but on one speaker while diminishing other. Shipping weight 5 lbs.
SK-55-5k7 kit
SK. 56-6x9 kit
4.60
4.95

SPECIAL BLENDER SALE Prer - holos 34 ozsi


24 - HOUR STATION CLOCK

- Toll world-wide time of a glancel - Ideal clack far theamoieur. shert-wave llstener and for commercial sta. ions.
TD-2400, self-starting, occurate clack for telling warldwide as well as local time. Calibrated in hours, 0100 to 2400; in minutes and seconds, 1 to 60 . Has black hands with red sweep secand hand. 6" dio. ratating inner dial, frictionolly otfoched to haur hand, in red and blue. Shaws time directly in all time zones. Simply set hour hand and inner dial for your lime-zone, then read the time in any zone easily, quickly, occurately $10^{\prime \prime}$ dio. For 110.120 valt, 60 cycles, A.C. Shag. wt. 4 lbs. ML-82-Net including excise tox.... 13.25


## HARMONICA CONTACT MICROPHONE


newest musical ACCESSOR
adds tremendous TONAL DEPTH
This is o fine quolity, sensitive, erystol contoct microphone with a high output that is especially designed to fit hormonicos. When the relatively weak sound of o harmanico is omplified, the results ore astonishing. The microphone moy be cannected to ony P. A. system, or the oudio section of o phonagroph or rodio may be used. Instollo. tion is simple. The microphone brocket slips under the screw on the bass end of the hormonico and the leads cannect ta the omplifier sys tem. It is sturdily built ond measures only $15 / 1 \times 5 / 6^{\prime \prime} \mathrm{W} \times 3 / 0^{\prime \prime} \mathrm{D}$ Complete with 7 ft shielded cable. PAu 35

## LAFAYETTE BRINGS THE STARS TO YOUR HOME

- the fabulous SPITZ JR. PLANETARIUM a real planetarium as ACCURATE AS A $\$ 2,000$ protessional madel. See, IN YOUR OWN HOME, on exact reproduction of all the stars and constellations as they appear every month of the yeor. Just dorken your roam and the heovens ore on your walls and coilings. More than a loy. you can spend hours with this Desioned by Armand Spoitz, world's loading ostranamer Complete with beautifully writ ten 32-page boak contoining charts and illustrations far iden. Hificotion of thousonds of stars plonets, and canstellotlons. ${ }^{A}$ ed youngsters. Shpg. wt. 3 lbs SPITZ JR. PLANETARIUM Sky Zoo Sphere Llst..4.00........Net 2.70 Southern Hemisphere Projector Llist 4.00.......Net 2.70


## "MIGHTY MIDGET" MOTOR

- POWER AT YOUR FINGERTIPSI - RECOMMENDED FOR INDUSTRIAL
and lasoratory usel A midgel mator precision built to en. ginearing standards. Normal current bult. Armature speed to 6000 RPM - munter shoft speed of 650 ta 1000 RPM. Meorures $1 \%^{\prime \prime} \times 1.11 / 16^{\prime \prime}$ 1-3/16". Reploceoble brushes-brass screw rerminols. Operates on ${ }^{3}$ to ${ }^{6}$
volts D.C. Instanly reversible. Suo. plied complete tonith revorsible. Sup. gears - puller ete. Shpg. wi., 6 or F-253
 SPECIALIY DESIGNED FOR SERVO and instrument use - approved ar the british ministrar of suppty
Dosigned spocificolly for industrial opplicotions. Self storting and ro. versibit. Low current cansumptian. Only 225 ma ot 6 volts - no load, ipoed 7000 RPM. Totolly Unclosod. fitted with relf oiling phosphor branzo beorings. Reploceable cop. Pongth $2.03^{4}$ - ihoft longth $.469^{\prime \prime}$, diom. 2 mm . Body diamoter $1^{\prime \prime}$. Highty recionem. ${ }^{2}$ tor industrial ond loborotory decemmended work. Shps. wt., 6 ozs.



## ELECTRIC WINCH AND POWER PACK

- MODELMAKERS - HOBBYISTS INDUSTRIALSI USESEESS CURRENT THANA FLASHIIGHT EULB! WINCH WILL IFT $71 / 2$ LES DEAD WEIGHTI OPERATES ON FROM 3 TO 6 VOLTS D.C A must far all modelmakers. Powered by the fomaus "Mighty Midgot"' maior-made in england. Gear lever allows for three power takeafis - no at oxle shaft, 980 RPM of belt pulley. Matar speed is 7000 RPM. The at oxle shaft. 980 RPM of belt pulloy. Matar speed is 7000 RPM. The winch drum will lift up ta $7 / 2$ los, dead woight on $041 / 2$ vali bastery for instant reversing. Precision made gear bax, fitted with eut gear wheels and pinians. Ideal for dack and run-araund cranes - poddle steamers proction engines - hoists - lifts - mountain coble railways - efc. Mounted on figid metal base. Overall tize: $4^{\prime \prime} \times 3^{\prime \prime} \times 31 / 2^{\prime \prime}$. Weight $51 / 2$ oz. Motar fitted with replaceable brushes and screw terminols. Rugged - fine qual. liy - throughoul. Nat o foyl Shpg. wt., I lb. F. 252


## NEW! olutionary Revo Design

## THE SMALLEST VARIABLE CONDENSER IN THE WORLD



The totest transistor loop ontenno eapecially dealgned to match the input impedance of the $2 f$ stoge in transistor apper-het circuits. Requires manimum capocity of 208 mmt in 1 EF section of variable condenser. Matched with the New Super Midget 2 gang varioble condemer. MS. 270 to give excellent sensilivity ond seloclivity through the entire fron core $31 / 2^{n}$ dio. $\mp 1 / 4^{" p}$ dio. Ms.272-Ant. Coil

## NEW! ATTRACTIVE TUNING dIAL FOR MINIATURE "POLY-VARI-CON" CONDENSERS 1 $1 / 2^{\prime \prime}$ DIAM.

Give your Transistor leceiver that profensional oppearance by dressing It up with this very oftroctive broodcast funing diol. Specifically dosigned for use with the fomous Iransistor "Poly-Vari-Con iuning condenser, $11 / 2$ diam. plastic dold dinits ond trim or moroon bockgraund with solver digits and tim. Mounted an condenser shaf by a rich-looking, chrome-plotet $3 / 8^{* \prime}$ diam. threoded retainer, centrally ploced, You'll be omazed of the beouly this dial will odd to your recelverl Knurled for eory octivation.
KN-24-IVORY AND GOLD...............Not 456 MM-25-MAROON AND SIIVER..........Net 4Se

## "POLY-VARI-CON" MOUNTING BRACKET

Designed enpecially for horizonto mounting of "palyVariaCon" Junimg condensers MSa270 and MS-274. Hos two holes on top for mountine candonser and twa halee $1.1 / 10^{\circ} \mathrm{s} 3 / 4^{\omega}$ lip for mounting brocket. Size: $1.1 / 8^{\circ}$ ह

MS-110.
Net 29 C


MINIATURE 365 mmf VARIABLE COND.

## OMr 3/16" Thick <br> An now type of varinble coodencer that is idoal for the   mes-215 <br> Not 69 :

$$
5_{8}^{11} \times 1 \frac{1}{16}^{17} \times \frac{1}{16}^{11}
$$

bofayette does it ogain with this naw super 2 gong midget varioble candenmer. An exelting ond proven innpyotion in the tran
 osclilator dection sedf consistor super-hets. Tun to 208 mmi copocitance on the ontonno wcich, ond focic cosel The amalleat arplete 2 000 varicte for aupether cemplate 2 gang variable for superthets in the worid Ofters unlimited posibibition io the experimenter
Me-270 2



Ans-26 1at and 2 nd 1.F.primaryimpedance 25,000 otms, eeondary 600 ohms , 8



## MATCHED SET <br> TRANSISTOR ANTENNA LOOP AND OSC. COIL

 FOR USE WITH 365 mMr CONDS. A Transistor loep Antenno with o fixed Inductonce loops speciolly to the first stope. Inductor is topped 10 motch an input imoedonce of 600 ohms. frequency renge $540-1650 \mathrm{Kc}$. when used with verlable candenier having a meximum capocity of 365 mmfd . Dimensions $9 / 16^{\prime \prime} \times 1 / 6$
.................................NET 1.25 OSGLLATOR COIL
o mixer stopansistar circuiti to supply the local osclilator eneray oble condose. Infermediote frequency 435 Kc. Used with o voriinto $3 / /^{\mathrm{N}}$ diometer hole. Dimensity of 365 mmfd . Mounting clip in ms-105

# LaFAYETTE SPECIALIZES IN MINIATURE PARTS FOR TRANSISTOR CIRCUITS 



SUBMINIATURE
VOLUME CONTROLS
For Transistor Subminiature Tube Circults with S.P.S.T. Switch Size 23/32" Dia. $1 / 2^{\prime \prime}$ Deep.
The ultra smoll volume control is o positive morve of engineering tkill. Designed with loday's trend to. word miniaf urizotion. It forms a perfect complement
to subminiature tronsistor ond tube circuits. 5 witch rating 6.5 omp at 1.5 Volf, 2 amps at 45 Volt. Size Dia 23/32 ; only $1 / 2^{\prime \prime}$ deep
 VC-47-1 Mog


HIGH-GAIN

An exceltent selection of highly -micient, law-cost, ferrite care anionnas. Give high gain ocrasi camplete broodcast band fram with standord 365 mmf funing condenser. ldeal as replacements for bulky, ald-fashianed loop antennas on back of AM broodcost receivers. Glve sen. sitive reception fram all direc-fians-you don't have ta rostations.
A. VARI-LOOPSTICK. A revalufionary ontenno develapment. An extremely small yot very powerful replacemont antenna with o ' $Q$ of 240-275. Boosts sensifivity and signal to naise ratio cansiderably in partable recelvers. With adiusbable ferrite core for maximum peaking afleciency and precise tracking on en. tire broodcast band. Single hole snap-in mounting, plus mounting bracket. Equally emcient as any angle. $21 / 4^{\prime \prime} \times$ MS-1i

In lats af 10, Each 364 Singly, Each 394
B. ENERGIZED FERRI-LOOPSTICK. Now $5^{\prime \prime}$ ferrife red loapstick antenno with a "Q" of up to 350. Extromely high gain brings in even distant sfations not narmally vecelvod. Now rype adiustoble cail with self-locting vinyl callor perming peoking onfenna for super sensitive results. $1 /{ }^{\omega N} \times 5^{\omega \prime}$. Shpg. Wt., 6 az.

Net ses
C. $7^{\prime \prime}$ SUPER LOOP. Super sensitive ferrite loopsilck ontenno with o $Q$ Of UD to 425. Exceliont for replacement of ald styl hoops. Brings in even hard to get stotions with incomparable ease. Adiustoble far maxi. mum sensitivity over length of 7 in. Complefo with mount, Shpg. wt., 6 az.

Net 1.32


TRANSISTOR TAPPED VARI-LOOP ANTENNA COIL

- COOSTS SHGNAL PICKUP SUPER-SELECTIVEI
Tronsistor-wise Lotoyette loods ogain with this new min sianed fopDed VARI-LOOP Antenno Coll. Specially de ...sts in maximum input impodance ar trant $n$ used with 365 ta $420 \mu \mu \mathrm{~F}$ variable -inimum looding by first trana and oreoter selectivily. ance whon used in
live with a "Q".
core far maxiolus maunt.
$2^{\prime \prime} \times 3 / 8^{\prime \prime}$

TRANSISTOR POTENTIOMETERS DIME SIZE


For Transistor and Sub-Miniafure Circuits: Versatile carbon controls for audio, tone and similer opplicatians; "pecially designed far Transisfor and Sub-miniature circuits. Only $5 / 8^{\prime \prime}$ diometer, Shaft $l^{\prime \prime}$
long $1 /{ }^{=}$diamater. Shaft easily cut ta desired tength. lone $1 /{ }^{\prime \prime}$ diameter. SNaft easily cut to desired tength includes nut and lack washer. Shpg. wt. 2 oz

## WITHDUT SWITCM

 YC. 3410.000 ohm: VC. 3650,000 oh
 MS-185-Miniature Knab \%" Diam.-Not OC WITM I.P.S.T. SWITCM
These Versotile Sub Miniature Contrals with S.P.S.T witch rotings 1 amp of 20 Valts, $1 / 4$ omp at $67 \%$ valis. Control was especialiv desiened for Transisto and Sub-Miniolure applicatians: lushing $1 / 4$ " diathofer and $1 / 4$ " lang. includes nut and lack washer. Only $y_{4}$ " diameter $13 / 44^{\prime \prime}$ deep, shaft $\mathrm{T}_{0}$ " diamuter, long. Shaft can be cul to desired length.
 VC-2 10,000 ohms YC-3 $1 / 2$ Mes VC-29 15.000 ahme MS-18-Miniture KC-40 1 Me9

NEW! TRANSISTOR 5000 OHM POT WITH SWITCH, SLOTTED SHAFT

AND KNURLED FLAT
DIAL_ 5/8" DIAM.


New 5,000 ahm, $5 / 3^{12}$ diam. ubminiapure volume cantrol With ON-OFF swlich, tdeal ar trantistar kiss Noal with "OfF"' press firted into $1 / 4 " 1 \times 1 / 0 "$ diam. slotted shgft $1 / 2 "$ body height,
$1.1 / i 0^{\prime \prime}$ overall. Shpp. VC.E48....Complete with KN

TRANSISTOR OH-OFF YOLUME CONTROL DAL Neot flat transparert dial calar-etched with "Off'. Fits $18{ }^{\circ}$ diam. volume contral slotted shafts. Knurled periph. $1 / 8^{\prime \prime}$ thick. Con easily fit VC. 26 thru VC. 35 if iot itm. X in shaft.
$\mathrm{KN}-23$.
TRANSISTOR FLAT FERRITE TAPPED ANTENNA COIL HIGH "'"" FOR MAXIMUM FICKUP Latest super-sensitive Transistar Flat Ferrite Tapped Antenno Coils. Specilically derigned to match the law input and setectivity. Fixed inductance looos with large ferrite oreo for increosed signal pickup and a "Q." of up to 350 Sixe: $5.1 / 4^{\prime \prime} \mathrm{C}=13 / 16^{\prime \prime} \mathrm{W} \times 3 / 16^{*}$ Thick. FOR USE WITM $208 \mu \mu$ CAPACITORS SUCH AS "PCLY-VARI-CON" MS-270
matched with the warid's smallest transistar superhet varioble capocitar MS-270 for excellent broodcost sensitivity and selectiviry. $397 \mu \mathrm{H}$ inductance.
MS-307.
FOR USE WITH $123 \mu \mu F$ CAPACITONS SUCH AS AS-261
Matched with MS.261, the populor tronsistar superthef vori able capacitor uned in tets such as G.E., topency, ste. $760 \mathrm{\mu H}$ inductance.
MS. 308
Not tec
FOR USE WITM $365 \mu \mu$ CAPACITORS SUCN AS MS-142
For use with 365 mmfd . Variable Condensers such os MS. 142
MS. 309

## 396

## MINIATURE VOLUME CONTROL

 DIAMETEROniy $3 /{ }^{\sim}{ }^{\sim}$ Diameter, overall depuh epprort. for colainture redio, hemering alds. ete. Ideal YC-18-Rance $0-500.000$ audlo teper.. 39 VC-IL-Range 0 to il Mes. Hnear taper 3te
 In Lots of 10 - 53.25

## 4 POSITION MINIATURE

## 35 c

SWITCH 3/4" DIAMETER
Has positions. one marked OFF'. Less than iny deep including contart pronks. Solf contatined wheel type knob. Ideal tone control sultch. sp.s. 8

Net 35

|  | MINIATURE KNOBS |
| :---: | :---: |
|  | lastic knob, only 3/9" diomoter firs |
|  | /a" shafts, far miniature campanents |
|  | ure pols, otc. Ners. |
| KN-19 - Same as a | MS.185 for $14^{*}$ shoft. .......... Net of |
| KN-22-1" diam. for | 1/4" shaft....-...-................Net.01 |
| TRANSISTOR | FLAT FERRITE TAPPEO |
|  | ANTENNA COIL |
|  | FOR USE WIT |
|  | MINIATURE SET |

Size $23 / 8^{\prime \prime} \mathrm{L} \times 1 / 4^{\prime \prime} \mathbf{W} \times 3 / 16^{\prime \prime}$ Thick
Fof Ferrite Tapped Antonna Coit, far transistor circuils. Small in size for miniature sets. Frequency ronge 540 to保 MS-329

FOR USE WITH
365 WUf VARIABLE CONDENSER small in sire, $2 \% 0^{\prime \prime} \times 3 / 4^{\prime W} \times 3 / 16^{*}$ Thick, far minioture circuits. For uso wimh 365 mmid Voriable Condensers, such MS 110 i, MS-274 and ms. 21 . inductonce 230 uh. MS-330 Transistor Antenno Coil................... Net . 98


## MILLER TRANSISTOR

 I.F. TRANSFORMERS These transformers have been designed for Use with the laytheon Transistor type CK760. They feoture a tapped pri-mory having on impedonce neap 25,000 a secandary winding heving on Impedonce mar 600 ahms. 455 kc . Pri. 25 K Sec. 800 . Sizes $1 / 2^{\prime \prime}$ No. $81 / 4^{\prime \prime \prime}$ high

## MILLER TRANSISTOR LOOP ANTENNA



A Nxed Inductance 100 p with a large pickup Reld 10 incure edequate signal to the fist aroge. Inductar is repped to match on input tmpedance of 600 ohms. oble capacitor hoving o maximum capority of 365 mmfd . Sixe: $11 / 4 \mathrm{M} 01 / 2 \%$
Ne. 2000 Loep Antoma ....................................... 1.62

## MILLER TRANSISTOR



## OSCILATOR COIL

For use whi a pronsisfar to supply the locol oscillatar energy to the mixer stage. Used mum variable rapacirar having a moxifrequency 455 of 365 mmid. Ind $540-1650$ kc. Podder .0004 mmfd . Mounting clip fils into o $5 / 16^{\prime \prime}$ diameter hole. Size: $5 / 0^{\prime \prime} \times$ $11 /{ }^{\prime \prime}$ high.
No. 2020.


Poge 36

# LAFAYETTE SPECIALIZES IN MINATURE PARTS FOR TRANSISTOR CIRCUITS 



## SUBMINIATURE

VOLUME CONTROLS
For Transistor Subminiature Tube Cireuits with S.P.S.T. Switch Size 23/32" Dia. $1 / 2^{\prime \prime}$ Deep.
The uttro amall volume cantral is a positive marvel of engineering akill. Dosigned with foday't trend to. word miniafurizotion. It forms a perfect complement rating 0.5 omp of 1.5 Volt, 2 omps of 45 Valt. Sizo io 23/32"; only $1 / 2^{\prime \prime}$ deep.

## With S.P.S.F. Switch <br> VC-A2 -5.000 ohm VC-43 10.000 ohm VC $-44=15.000$ ohm <br> 



## HIGH-GAIN

A) An excellent selection of highly
-fficient, low-cont, ferrite care antennos. Give high goin ocrass complete broodcast band from 540 to 1600 KC when tuned with standord 365 mmf funing condenser. Ideal as reploce. ments for bulky, ald-foshioned loop ontennas an beck of AM broodcost receivers. Give sensifive reception from all direc. fions-rou don't have to rorafe your rodia ta pick up weak
stantions. A. VARI-LOOPSTICK. A revolutionory antenno de. velopment. An extremoly small yet very powertuly
plocement antonao with a "Q of $240 \cdot 275$. Boosts sensitivity and signal to nolte ratio considerobly in portable receivers. With odiustoble ferrite core for maximum peoking efriciency and precise trocking on onthe broodeast band. Single hole shop in mounting, plus mounting bracket. Equally efficiont ot any ongle. $21 / 4^{\prime \prime} \times$ Ms-1i

In lats of 10 . Each 34 B. ENEREIZED FERRI-LOOPSTICK. Now $5^{\prime \prime}$ ferrite red loapstick antenna with a "Q" of up to 350 . Extremely high gain brings in oven distant stotions not normally recelved. Now type odiustoble call with celf-locking vinyl collor permits peoking ontenna fór super sensifive MS-267

Not 8 st
C. $7^{\prime \prime}$ SUPER LOOP. Super sensifive ferrite loopstick antenna with a "Q" of up to 425. Exceliont for replacement of old style toops. Brings in even hord to get atotions with incomparoble ease. Adiustable for maxi. mum sensifivity over length of 7 in . Complete with mount. Shpe. wt., 6 az.
MS-4
Net 1.32


## TRANSISTOR

 TAPPED VARI-LOOP ANTENNA COIL- BOOSTS SHPNAL PCKUP - SUPER-SELECTIVEI

Transistor-wise lofayette lebds again with this new miniature tapped VARJ-100p Antenna Coll. Specially de. tors. ${ }^{-4}$ fel matching the low input impedance af transis. tuning stoge 'wrteaximum transfor of signal energy from capocitors, as well as in with 365 to $420 \mu \mu \mathrm{~F}$ varioble sistor strge for shorper tunimum loading by first tran Also impraves selectivity and perfongance when used in multiple tuned RF stages. Highly stentifive with a "0". of up ta 250. Wht odiustable ferrife core for maxi. mum pooking. Single-halo smap-in maunting, plus mount. ing bracket. Efficient at all ongles. Siz, $2^{\prime \prime} \times 3 / 8^{\prime \prime}$
diom. Shpe. Wr. 402 Ms-29.

Net 596

TRANSISTOR POTENTIOMETERS DIME SIZE

## MINIATURE

 \%" DIAMETER
 VC. 10 -Range 0.500 .000 evdio taper. vc. 18 -Renge 0 to 1 Mee llinear tuoin 39: VC. 2 -Ranse 0 to 3 Mee. udjo taper 3 e In Lold of 10-\$1.25
4 POSITION MINIATURE 35 CW SWITH 1/4" DIAMETER


Hes + positions, one marked OFF. Les then if" deep including cuntact prongs. Self contalued wheed tope knob. Idea!
for miniature radio. hearing aids for SP. 88

Nel 35
in for 3,25

|  | MINIATURE KNOBS |
| :---: | :---: |
|  | Plostic knob, only $\$ /{ }^{\text {n }}$ diometer Aits |
|  | such a ${ }_{\text {a }}$ Ferri.loopstack, oub-minio- |
|  | ms. 185 |
| 19 - Same as of | above but for $1 / 4$ " shot? -......... Net 009 |
|  |  |
| TRANSISTOR | FLAT FERRITE TAPPED |
|  | ANTENNA COIL |
|  | FOR USE WITH |
|  | MINIATURE SETS |

Sixe $23 / \mathrm{m}^{\prime \prime} \times 3 / 4^{\prime \prime} \mathrm{W} \times 3 / 16^{7}$ Thick
Flot Forrite Tapped Antenno Coil, for trasistor sircuits. Smoll in size for minioture sets. Freauency ronge 540 to解 as the Poly-Vari-Con MS-270. Inductonce 397 uh . 98

FOR USE WITH
365 urf VARIABLE CONDENSER
Smoll in size, $2 \% \times 1 / 4 \mathrm{~W} \times 3 / 10^{\circ}$ hicte, for miniature circuits. For use with 365 mmfd Voriable Condensers, such as MS.142, MS.274 and MS-215. Inductances 230 uh MS- 330 Tronsistor Antenno Coil.

## MILLER TRANSISTOR

 I.F. TRANSFORMERS
## These transformers have been designed

 for use with the Lavtheen Trankistor type CK760. They feoture e tapped primary having on impedunce near 25,000 ahms, 000 secondary wind 25 K 50 . 800 Sizes $1 / 9$ A. $x 1 / 4^{\prime \prime}$ high.
## MILLER TRANSISTOR LOOP ANTENNA

latest supet sensifive Transistor FiA FeMUM PICKUP enna Colis specifically denter for forme rapped An impedance of transically designed ta match the low input and solectivitr flued indugese tor mash sentinviy areo for increased signal pickus and a "Q" of up to 350 . Size: $5.1 / 4^{\prime \prime} \mid \& 13 / 16^{\circ} \mathrm{W} \times 3 / 16^{\prime \prime}$ Thick $^{\circ}$
FOR USE WITH 208 m $\mu$ F CAPACTIORS SUCH AS "POLY-VARI-CON" MS-270
Motched with the world's smollest transistar superthat variable sapocitor MS-270 for oxsellent broadcatt renslitivity and selectivily. $397 \mu \mathrm{H}$ inductance.
M5-307.
TOR USE WITH 123 н $\mu$ F CAPACITORS SUCH AS MS-261
Motched with MS-261, the popular transistor superhet varible caporitor wied in rets such os G.E., Regoncy, otc. 700 H inductance.
MS-308.
FOR USE WITH 365 $\mu \mu$ F CAPACITORS SUCH AS MS-142
For use with 365 mmfd . Varioble Candensers such o MS.142, MS-274 ond MS.215. Inductonce 230 MS-309


Not 12e
TRANSISTOR FLAT FERRITE TAPPEDD ANTENNA COIL HIGH "O" POR AXIMUM PCXUP
TRANSISTOR ON-OFF VOLUME CONTROL OHAL Neat flat transporent dial calar-atched with "OfF". Fiti Her for casy. valume cantrol slotted shafts. Knurlod periph $1 / 8^{\prime \prime}$ thick. Con eosily fit YC. 26 theu VC. 35 if slot is mod in shaft

No. 2041
Not 1.68


A fixed inductance loop with o laree pickup field to insure edequate signal to the first stoees. Inductor is ropesed to match an input impedar.ce of 600 ohms able copacitor hoving a maximum copecity of 365 Nemfd. Sizet $11 / 4^{\prime \prime \prime} \times 91 / 2^{N}$

Not 1.62

## MILLER TRANSISTOR

## OSCILLATOR COIL

## For use with o transistar to eupply the locol

 ascillator energy to the mizer stape Used ascinator enorgy to the mizaf stage. Used mum capacity of 365 mmfd . Intermediate frequency 455 kc . Broodrast band 540.1650 kc. Padder . 0004 mmid. Meunting clip fits into a $5 / 16^{\prime \prime}$ diameter hole. Size: $5 / 0^{\prime \prime} x$ ly" highNo. 2020



## 21/2" PM SPEAKER AND BAFFLE

- IDEAL FOR MINIATURE WORK
- MIN. PLUG AND JACK CONNECTION
- CHOICE OF VOICE COILS

A highly efficient PM speaker and corofully designed boffle that makos an ideol combination for the experimenter. The speaker also makes an ideal replacement for many portable sets. Speaker is $21 / 2^{\prime \prime}$ square, $11 / 4^{\prime \prime}$ deep with mounting holes an $2^{\prime \prime}$ centers. Handsome maraon tough plastic boffle comes with buils-in iack and min: plug for quick easy cannections. Sixe of boffle $3^{\prime \prime} H \times 2 \%^{\prime \prime} \mathrm{W} \times 1 \%^{\prime \prime} \mathrm{D}$. Shpg. wt., each approx. I !b

Net 1.95
SK-65 -Speaker only with 3.2 ahm V.C SK-68 --Speoker anly with 10 MS-315-Boffle only.

B2M SUN BATTERY


International Rectifier's Sun Bathery requires no externsl voltage source
fot operation. Arerage sun-light will generate a 2 me current under a 10 ohm load. Can be connected directly to a milliammetier and used as a light measuring derice. Can be used in supply for transistorlzed equipment Typleal spplfcations are-direct conversion of light to electricity-spec-trophotometers-light measurement-
traffic control-headtight dimmer burglar alarms-timers-colormeters farage door opener-litht beam communication. Spacifications: $724^{\prime \prime} \mathrm{x} .443^{\prime \prime} \mathrm{x} .040^{\prime \prime} 60 \mathrm{mlcro}$
 light. 25 yolte at 100 ft candies. Complete with $1 /{ }^{\prime \prime}$ mete. bracket and $6^{\prime \prime}$ lesds.
M18-112
Net 1.47

"Flea" elips are specially desimned for subminiature work. Fit perfertly in
holes in MS- 262 board Made of holes in MS- 262 board. Made of beryl-
lium cupper, silver plated finish. Simlium copper, silver plated finish. Sim-
ply insert wire thru hole for positive grip contact.t.
MS-263 .... Package of $12 \ldots$ Net 254

## NEW! CLAIREX CRYSTAL PHOTOCELL TYPE CL-3

A codmium selenide phofoconductive cell extremely sensitive in red and neor infrared spectral region. Acts on o resistor which vories with opplied illuminotion from tens of thousands of megohms down to hausonds of ohms. Con be used even with dor. light or fluorescent light present. Works well in burglor ond fire alorm systems, ond may be used with elther AC ar DC. The median praduction sensitivity is 300 uA at 2 faot candies and 100 V . Time constont is $11 / 8$ miliiseconds of 100 foot condies ond 15 milliseconds of 1 faot condle ond permits high speed applicafions without compensation. Very tow dark current, and call nolse is of no consequence. ooltage moximum: 300 V DC or peak AC. Dissipa $+75^{\circ} \mathrm{C}$. Size: $1 / 4^{\prime \prime} \times 1 / 2^{\prime \prime}$ long. CLAIREX CL-3..




THE "TOPS" IV TV ANTENLLAS
TRY TO 8EAT THESE ANTENNA PRIGES!


Whth Motching 9 Bars and High Frequency Stubs There mey be many conicals but there is spinl only one D.X - chempion of ity cless. The predeminationg foverite of discrimineting service deelers and installens over the years. Mede of gonuise eircraf cluminum tubieg. The bent allaround enfenne for FRINGE AREAS. Eesy to ememble. Werts on ell chonnels.
'U-INSTALL-IT'' KIT with 2, 5.ft, masts. Shpg. wt., 18 lbs AN-31

The regular list price of this antenna is $\$ 19.30$. Lefayette made - deal with one of the leading antenna menufecturers in the country - and Men, what e doall Lefoyette knocked the price down so tow it defies campotition. Dan't delayl Stock up now. At this price they won't last long. Consists of 2 canical boys and a peir of matching $Q$ bers and high frequency stubs, loss mast.
stoek No. AN-10, slongly, cach.
5.25
full 20 element stocked conical and instaltation kit as shawn

Net 7.47


## Moneu Back Guaranter <br> UNCONDITIONAL ABSOLUTE YOU BE THE JUDEE

The confidence of the manufecturer in his product is roflected in this untioard of guarantoe. Every all-channal antenne must perform to your satisfaction, or return the antenna within 30 days for a full rofund of the purchase price, with no questions asted.

- Positively the finest indeor ontenna ever developed!

Outperferms rool ansenmas in stromi signal areas!
Deos merre to eliminate ghosts than all other indoor or ourdoer ontennas!
Engineered with a super powerea gain mulfiplying circuir ro give up to 10 times mare power thon all previous conventianal indoor ontennas. Equipped with canceoled 4 section, all bross, telescapic dipoles-far extro power where needed-and best possible Impedance match. Soecial law lass-12 position combinatian orientation and ottenuation switch practically aliminates antenna furning-gives maximum signal-best ghost reiection. Smartly styled cabinet with in dimly tit cesigned, Transparent knob. Raised-three dimensional-footing numerals-visible indoor tit room. The Embassy is guaranteed to work In Mahogany, Ebony and Ivary. Specify color. Shpg. wt., 4 lbs. THE EMEASSY ................................................... 19.95

Net 12.95

ALL CHANNEL'S "RIVIERA"
WORLD'S MOST POWERFUL ULTRA-FRINGE VHF - UHF - FM ANTENNA

## guaranteed 200 mile VHF RECEPTION OR YOUR MONEY BACK

- Roceives chenaed 2-03 trom all direcfions without a rotor
- Eroadband UHEVHF and FM. moterless all direction recop Hiow
- All alconinem tifp-ont assembly

Feid tests reception on VMF of up to 200 miles has made possible this unprecedentod guarastee. Hore is an antenne with one transmission directions without the use of a rotetor. The nine position selectar switch connected at the wet electronically rotates antenna beam instantly without physically moving the antenna. Gain on channels 2.6 comparable to 4 bay conicals; on channals $7-13$ comparable to stacked lo-eloment single channel yagis; on $14-83$ compersble to bow-tie reflector. $161 / 2^{1 "}$ doweled oluminum elements are 60 inches Jong. Completo with switch, coupler, $45^{\prime \prime}$ stacking bars and $27 / 2$ angle type mast insulatore for polyAHL CHANNEL RIVIERA. Shpg. Wt. 10 lbs. LESS Mast $\qquad$ Not 22.05 In lots of 6 eoch $\qquad$ 19.84 THE EIMERA MUST BE USED WITH THE LOW LOSS LEAD IN WIRE LISTED EELOW

## JFD SUPER <br> "CORVETTE" <br> COLORITE



Advanced electrical and mechanical feotures. Six element, double driven inline colinear configuration. Gives up to $11 / 2 \mathrm{db}$ more gain than similor types on low band. Phose reversing $1 / 2$ wove stubs produce brooder band width and mare high band gain. Extremely unidirectional single forward labe-ideol for color TV-shuts out ghasts and noise. Sturdy inline construction-stands up under ice looding and hurrican winds. Less mast. Shpg. wt., 12 lbs.
dFD SC 750
list 32.50
Net 19.11
JFD SC 7505
Stocked. List 66.50
Net 39.14


MODEL -6
A close spaced, reversed phase, twin driven antenna to produce high gain with very high front -to -bock ratia. Incarporates four coaxial copacitors in ane fatded dipole, length on low-bond and on entirely differ. ent length on high-bend, thus enabline peok performance to be abtained on sOTH BANDS. Law-bond reflector, high-bond calineor reftector and. combinatian directar further increase gain and sharpness of direc. fivity. The Model B.6 is the only close coupled, twin driven unit evailable heving oll elements, including driven folded dipoles and twin drive line. It is complefely preossembled - heavy. square oluminum boom - "box girder" self-locking, self. oligning brackets - and exelusive "lack. tite-mo-tils't soddle bracket. The greatest value in db.-per-dollar gain and frant-toback ratio. Shps. wt., 6 lbs. List 18.90

Not 11.11 Stocking Kit to fov or Law Band MODEL "C"

Net 1.18 Stacking Kit to fovar Migh Bond MODEL "A"

Page 38

## - duncer spien toats. <br> THOR HI-SPEDD - HI-QUALITY DRILL



- FAMOUS MODEL 201J $1 / 4$ DRILL
- SPECIALLY WOUND HI-TORQUE MOTOR
- JACOBS GEARED CHUCK WITH KEY BALL THRUST BEARING
on "of"' brond - hut fomer Thor avo
Not an 1500 RPM ot full load - 2400 - RPM no lamous Lafoyalte duty, universal, series wourd motor. $1 / 4^{\prime \prime \prime}$ capacity in steol - $1 / 2^{\prime \prime}$ hardwood. Fully UL opproved - including 6 H . SJ cord ond momentory switch with locking pin. Solf aligning oillost boorings for
14.66 smooth offient operation. $9^{\prime \prime}$ overall length - for $115 \mathrm{VV} \mathrm{AC} / \mathrm{DC}$.
Shpg THOR $20{ }^{4} 1 / 2$ libs.
THOR HI-POWER $3 / 8^{"}$ SPEED DRILL


HEAVY DUTY - CONTINUOUS OPERATION RATED FULL 3 AMPS
3" JACOBS GEARED CHUCK! DESIGNED FOR MAINTENANCE AND INSTALLATIONI
More powar for sarvice work - production lines - mechonics - or onyone requiring o continuous duly drill. $3 / /^{\prime \prime}$ copacity in steel -
$1 / 4$ " copacity in hordwood. Highly polished cost aluminum housing ball thrust beorings - other beorings oilless antiofriction bronte. 1000 RPM no load speed - 650 RPM full lood speed. Trigger switch
30.5 with locking pin. 10 H. 3 conductor SJ cord grounds motor housing. for use on $110-120 \mathrm{~V}$ AC/DC. Shpg. wi., 6 lbs .
THOR 1325 ..List 39.50 ................. 6 lbs. . Net 30.95
THOR HEAVY DUTY $1 / 2^{\prime \prime}$ SPEED DRILL

- the standard for service construction garage - maintenancei
CAST-IN FRAME AIR COOLING AND LUBRICATING! - $1 / \mathbf{2}^{\prime \prime}$ GEARED CHUCK WITH KEYI

The perfect combinotion of power-ruaged construction - lightweight - and ease of handling. Die cost polished oluminum housing. Removoble side handle. Capacity $1 / 2^{\prime 2}$ thrust boll bearing on spindle - self alienning bronze bear ings elsewhere. 6 ft . 3 conductar 5 s cord. Ul opproved Trigger 3 witch with locking pin. 650 RPM no lood -425 RPM full lood. Heovy duty, universal, series wound motor.
$13^{\prime \prime}$ overall leneth, Use on $110-120{ }^{\prime}$ AC 10 C Shpg $13^{\prime \prime}$ overall length. Use on $110-120 \mathrm{~V}$ AC/DC. Shpg. wt. 2 lbs.

$$
\text { THOR 400-List } 39.50 \text {...................................... } 28.95
$$

WEN ELECTRIC POWER SAW
A truly univarsal power saw for the hame workshop
Cufi $2 x 4$ : Cult $2 \times 4$ easily in secondsi Sofe 10 use eory to
hondle. Does the work of $G$ rip sow, lig sow or o bond sow. Operates os coping, crosseve, scroll, hack or kerhole sow. Mokes its own starting hole
on inside cuts. Sown wood, plastics, mutals, composifion, hard rubber, efc. Cuts traight lines: curvei circles and intricate designs. Air tream blows sow dust off quide line. Well bolonced, light weight.
$115 V A C . O C$
1.8 omp motor 2650 strokes per $115 V$ AC.OC 1.8 omp motor. 2650 strokes per min.
 WEN MODEL 50 S In lots of 3. .......... Each 19.57 LADES FOR WEN SAW
WEN 50-A-35 - Pkg. of 3 Coarse cutting blodes .70
WEN $50-A-36$-Pke. of 3 Med. culting bloder 70 WEN 50-A. 37 -Phg. of 3 Fine culting blades 1.26

## WEN SAW TABLI



## Whemer Here's Our Hot Sander Special

phofessional performancel - moton driven - 3430 RPm - SANDS - SMOOTHS - CUFES - POHISHES - RUESI

Get this now top quolity sonder for oll sonding uses. Here a an orbital motion, motor driven finishing sonder (no lood spead with both wher obrosives. Sonding area ated arre. Feotures oll seoled ball bearings; diract-canbody. Hondy witch prevents accidental stortine. UI bpproved Use on 110 olvminum cycle AC only. Shpg, wi., 7 lbs
THOR 15 T -list 24.95
THOR 3509 -Lambswool palishing pad
NET 17.47
NET .85
THOR BENCH SPEED GRINDER

- HUSKY 1/12 HORSE POWER MOTOR
 - 3450 RPM NO LOAD SPEED

The perfect grinder for the smoll shop - garoge - mointenance mon. Twin $41 / 2^{\prime \prime} \times 3 / /^{\prime \prime}$ wheels. $1-60$ grit ond 1- 120 grit. feet for operation anywhere. Con be boited to bench or service truck. Self aligning oillest bearings. of ff . heovy duty
vench or ser cord. $7 / 1 /{ }^{\prime \prime}$ overall length. Blue wrinkle finish. Use an 110 . 120 V . 60 cycle AC only. Shpg. wt., 9 lbs. THOR 117....Lisp 16.50 ....................... . .............Ne1 12.94

## TWIST DRILL SET

diu of 13 high quallty chrome vanedium twist drils. Sizet ${ }^{7}$ " 10 or $1 / 4$ " HD-114_..............................ece As above but complete with metal inder. Shpg. Wt. oz. HB-113 1.59


Here's the drill aftechment you've bean look. ing for, Keep your whole yard neafly trimmed. hendiling-keen cufting Hedge Trimmer. Trims shrubs, hedges and grass easily and smoothly. Ridoed stoel and aluminum construction, Hardened ateel gears end cevm. $10^{\prime \prime}$ cutting
blader designed for meximum blades designed for maximum efficiencr. hight meight-precision balanced for easle hanowing; Handle turns blade to any engle HD-97
.ner 8.29

$-97$

## TSAW-MATIC 8' ${ }^{\prime \prime}$ TILT

## ARBOR SAW

Here is a hendy accessory tien which acts as drill stend and converts eny Gavimum lan ond-drill into $\oplus$ drill preas. Maximum langth of traval in $21 / 2^{\prime \prime}$. Over all hoight is $16 / h^{\prime \prime}$. Sturdily constructed. Powerful spring holds drill in plac MD-120...................................... 19

- makes the wen sos saw voun most vensatile tooli - CUT CIRCLESI mITRE! SCROLl sawi dovetall!

Precision feafures not found on any sow table near this price. Sows ony angle - rip - cut perfect circles - use os ioints and other deluxe cuft mode only on expensive machinery. Table is $5^{\prime \prime} \times 15^{\prime \prime} \times 71^{\prime \prime}$, heovy gouge steol. Wen
505 Sow shops ond locks into place of once. Includes pro 505 Saw shops ond locks into place of once. Includes protroctor, protroctor fence, circle cutting device, jointer ond 5
blodes. 14 pitch blode for wood - 8 pitch blade for ioints bloden. 14 pitch blode for wood - 8 pitch blade for ioints high temper blode for bakelite, formica and sheet stoel Shpg. wt.: 12 lbs. Shpg. wh.:
WEN STi


## PET PORTABLE SPRAY OUTFIT

- Powered by ary $1 / 4^{\prime \prime}$ Ebeetris Dov.m. - Conpest-Sturty-Liqht woldht. - Twim-otioder

This la the newest tool attachment for rour $X_{4}^{\prime \prime}$ electric drilli Anyone can do a profescional lob on furniture-atos-cablats
 erve as power source. Includes diustable notri to handie various ilquids one auart capacity siphon trpe spray aun threaded for afandard mecon fary-10 ft. rubber hose-60 ib. capeclty alr geuge -three adeptors to fif practically eny air inlat valve- twin sylinder compressor with a-bopsl precsure regulator. Oaly $14^{\prime} \times 1 / 2^{m} \times 7 / 2^{\prime \prime}$. Shpg. Wt. Ibs. HD-124.
14.91

DOES EVERYTHINE SAWS COSTING 3 TIMES AS MUCH CAN 00
 slves fast, serurate, verkatile performance. Blade
tite to $5^{\circ}$ cutting ansle You can mitre. berel or sow any length at any
angle, yet table and work angle. vet table and worl
atay lesel. Cuts joists tay lesel. C
aiding, rafters. foams. Joints. siots. dadoes and mildinga. Takes any benct
 ination blade, accurate tit suard, self aligning rip fence. large pullshed corarior mounted in double self-lubricating bearings. cuts inovable dach plate. hard or soft whod. Precision bullt of cas bearsmas. Cuts upp to 2 the thick Tron exte
$\mathbf{H D}-127$.
MD-128-FNTENSIONS-U ACCESSORIES
HD-129-V Beit and Pulles.
HD.130-Extre
HD-130-Extra s" Saw Rlades..
HL-47- H H.P. 1725 RPM Bplit Bate Mowor.
et ea. 2.95

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| Net ea |
| 1.59 |

Net es, 1.49


- TURNS $1 / 4^{\prime \prime}$ DRILI INTO

HIGH POWE TOOL

- REVERSES - INCREASES POWER - REDUCES SPEED
 leak theot tobulow heotwrsal Power scrww driveedilll repotwo medi Plonty of come fer eversize drillimel
 seood ond hish mewer for hote wow enchmestat a wotresionet toel thet enrowe cen veet Cemee complete with
 M-193 Net 11.95


## ROTO PLANE

 MB-112.

## ELECTRIC HANDI-SPRAYER

Sove time and monoyl 00 lb . nozrle proe wre gives professional results. Sprays all types of paintes onamals and locquers: Amy sprayable liquidt Exclusive swivet mode permits spraying up, down, or side ways without tilting jar. Instant spray con-trol-fingertip edjustment from mist to cone or straight streaml High Impect plastic housing- Il perts of shainless ateel and bress. Complete with 24 ar Mesen Jar and ff . cord. Shpg. Wh. 4 lbs HO-12-Not eo., 8.25-Lots of 3, 5.81 en.


POWER BORING BITS

- PIECE SET


Designod for longar sifo - faster eutime preseed board Bladea of Migh grade hardened sitel. Ground to sixe for amooth - true Interchangesbie cuttors with sating one mo burning.
 HD-181

ROTO AUTOMATIC HACKSAW - nothing to - small. compact. powerul Cuts any wood, maial Ilis ony $1 / 4^{\prime \prime}$ Electric There ore no geosed moving port.
 Folds to
dord hocksow blodes. Honder, wt. 1 ib. .Net 3.72 MD-60 ............................................... ADER ATHE ROTO SANDE above. $3^{3 " x} \times 5^{\prime \prime}$ surface sonds. ShDg.
 ARCO MOLE
A DIFFERENT SIZE HOLES WITH ONE HOLE SAWI aUTOMATIC SLUG EJECTOR WORXS
3 TIMES AS FAST. $21 / 2^{\prime \prime}$ noles in ony $3 / /^{\prime \prime}$

ARCO JIG SAW

### 9.75

tenary Adjustabie "Dado-Arbor" euts ten
 groove with little power, no heising duts drit ine necessurs! "badu-Arbor edew. Nus annd quickly, removed to uae the saw for straight Bevel liages mdju*i firr cuts to led Depth a Gage for accurate strips: Adjuxtable ${ }^{\text {40 }}$. Ail Guide to follow line, s' (AR(\%) SAFE C'T'T) Clamp: Right Angle Gear Mrive with Sice Fitm nny $1 / \frac{1}{4}$ drill. Complete with "Dadi, hay Fractury Guarant Mastructunn and 50

 4D.117-Hyrarbon Che Bledes......
FAMOUS TOOLS for SERVICEMEN-HANDYMEN-HOBBYIST


New Migh Wartoge Guns - There lotert model guns hove overvthingi Increosed wotteotherwelght balonce. Come equipped with card, plug ond on Hp. Ita-ize volts
PROFESSIONAL SOLEA GUNS
STAMDARD DUTY GUNS
Modet 5400 . Single-teat trpe. ISS watts. Shpgivet ${ }^{3}$ Hos. 8.77 Lets of 3, EACM ............................................15 Model 0440. Dual-heat type. 100.150
wasts. Sipg wt. ] lbs.
List $\$ 14.0$. NET..................... 10.73
Lets of 3 EACM .6 HEAYY-DUTY GUNS MODEL S-500. Singla-heat type. 250 walts.
Shppg $34 / \mathrm{Hbs}$.
List $\$ 13.50$. NET. Lots of 3, EACM............................................ 77 MOOEL D-550. Dual.heat type. 200.275 List $\$ 16.25$. Wt. $3 \neq \mathrm{lbs}$. Loti ef 3, EACM

## WELLER SOLDERING KIT

Mare's everything you need for hundreds of electrical soldering jabs eroond the home and shop-plus plenty of heot for sheet motel-pots-pana-cant-atc. Cut plestic tiles-repalir plastic toys. Kit Includes 250 watt instant heat dual spoitite Weller gun-ample supply of kester cuider-ioldering tip-wrench-two fnatruction bootlots-afurdy. Mot. al cast
Sibs.
Wribl exto-N


Mat 10.99 Wen 707

## 

$\qquad$


WELLER 8100-K
SOLDERING KIT
A complete soldering set. Weller solder. in 5 seconds. Gun has trigger switch control and dual spollights to illuminate wark. tipes. Kit also includes soldering sid ta make fight wire twist and help open old soldered ibints, and brush to insure clean connections. Shpg. wt. 4 fbs.
WELLER $100-\mathrm{K} . . . . .$. List $7.95 \ldots . .$. Net 5.83


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totert, handiest, multi-purpose soldering kit in the famous Ungor line. A complete sef for
servicemen, workshop, hobbyist, home handy. servicemen, workshop, hobbyisp, home handy.
man-anyone who needs o soldering iron. Kif contoins on extro heavy duty soldering unit for rodio. TV or electrical applionce work. A precision unit for prinfed circults, instruments and miniature parts. A circult rester for elec.
trical trouble shooting, prouble ond test light trical trouble shooling, rrouble ond test light.
heory duly handle for soldering unity and heory duly handie for soldering uniti and
test light. roll of solder. terminal connectors. units poper ond insuloting tope. Soldering MODEL SO7-ln lots of 6 , eoch 2 li, MODEL SO7-In lots of 6, eoch....... 3.99


## WEN $3 / 3^{\prime \prime}$ POWER DRILL

- UNIVERSAL 115 VOLT 2 MMP MOTOR - GENUINE $3 / 4$ " CEAREO JACOBS CHUCK - 1100 RDM NO LOAD SPEED 800 RPM UNDER LOAD
A big. powerful $3 / \mathbf{" 月 ~}^{\prime \prime}$ drill-geared down for fuli useable ust risht for waxing, polishine buffing Hood. Speed is just rizht for waxink, polishing, buffing. Helical keare for long. quiet service. Sturdy muxilary handle. Lower apeed and cord and plus. Capmeity: $3 / s^{\prime 2}$ in teet. $3 / 4$ " in hardwood. Trigker switeh with lock. Shpk. wt., $41 / 2 \mathrm{lbi}$.

In lote of 3 .
Net 20.21 each
Net 17.97 each

Ungar
Pencil
SOLDERING SET
One complate set for home eraftsmen and habbyists. Set cantains sire interchangeable thps: four for burning and ombossing of for soldering. Five sheats of embossing foil, obrasive cloth, complate set of Instructions for working wood, plantic, leather and cort. Tllustrafed catalog of plaques and proiects. Hosting wnif is UL approved and guaranteed
for 10,000 hours. MODEL 217......

EACM 2.13

## JET KING BLOW TORCH

- PENCIL SIZED $=3500^{\circ}$ heat -SOLDERS - ARAZES - SOFTENS PAINT AND PUTTY:


Extremely useful - highly efficient miniolure blow torch. High heat. $3500^{\circ}$. fits ine repair man's pocket - goes to work where on Iran can't be used. Gets in "hard to reoch" ploces. less than 7 " long from end to end. The perfect sol. dering fool for repairmen - servicemen - hobbyists - model mokers - or just plain handymen. Chorged by oे butone cortridge which giver 30 minutes of continuous service. May be furned on or off of ony time. Entire unit woighs ap prox. 4 azs. Econamical throw-away cortridges, can be stared indefinitely deal for repairs on wiring-radio.TV Installotions - oppliances - pipes and plumbing. Complete with charger and instructions. Shps. wf., 1 lb. HD- 226

Net 1.59

 with die stock: three tape ( $4-14,6-12,8-12$ ) and 3 matching drills for those teps. Tap horder and nientayiny case. Shpo. Wh. 1 lbe. MD-2e

Nal 4.26

TAP-A-LINE HANDY 8 in 1 OUTLET

- In RADIO AND TELEVISION
- IN THE


## ON THE FARM

Tap-A-line multi-plug is a handy time and nuisonce sover. Avoids shifling of continuously arg extension cords. Makes apoliances at one time. Easy to install ar use unmaunted Grips plugs secureir at all times. A must for use in areas hoving o limited humber of outiefs. Roted of 1000 watts. Ivory colored tough plostic- $12^{2}$ long by y/n square Four f. heovy cord ond pluy. Tap-A tine is sofe-convenient-handy. Shpg Wi. $11 / 2$ lbs.
ELIO
ELI1
ELII-Same as obore................................. 8.47 29 PIECE DRILL SET
AND STAND -CHROME VANADIUM TWIST DRILLS PRECISION GROUND - HARDENED SHARPENED
$1 / 16^{\prime \prime}$ to $1 / 2^{\prime \prime}$ by 64 ths $*$. A superior grode of chrome
voncedium twist drills. Full lobbers length. Will givo long lasting use under the most rugged conditions. Full $1 / 2^{\prime \prime}$ by sizes. $1 / 16 \mathrm{th}^{\mathrm{h}}$ to matel stond, each recentactel clearly morked. Shpg. wi, 4 lbr. 1D-214 $\qquad$

## IMPROVED

## CIRCLE CUTTER

 Regular 53.50 Denar Cosit - ing drill or ony size pilot pin! Cutting be holds is" high spend cutting bit. All are Brand Now and factory pectred-easy to adjust.
shpo. Wt. I ib. HD-72.

 inent with conrealed threads. Heleasiss instanthy with the
ieurlh of anger. $\$$ tools in ore: hand vise-nut wrenehteuch of a haker. $\$$ tools in one: hand vise-nut
pipe wrena-h-clamp-pulers. Shpg. Wt. $1 \%$ lis.
HD-238.

## DOUBLE END

 $=-14$Ideal for small shop ar ..sme. Equipped with hardened ball beorings ond roces. Threoded $1 / 2^{\prime \prime} \times 20$ on woch ond. $11 / 2$ "pulley for "y." belt drive. Build your own grinder, sonder, buffer, lack shoft, sow, otc. Shpg. wt.

H0-240, ................................................................... 2.25
H0-240, ................................................................... 2.25
BALL BEARING

WELLER POWER SANDER

## POWER GRAFT JIG \& SABER SAW

The parfect stendard duty iig sum for hobbs ist, "thop and handyman. Ruggedly con. structed easy to use-recommended motor 1/4 H.P. Depth of throet 12". Table of heary geuge steol measures $81 / 2^{\prime \prime} \times 81 / 2^{\prime \prime}$. Usos stan. derd $6^{\prime \prime}$ or $61 /{ }^{\prime \prime}$. bledo any width up to $3 / 16^{\prime \prime}$.
Stroke is $9 / 16^{\prime \prime}$. Enclosed mechanism-run in light grease. Solf-tube bronze bushings and hardened working parts for long wear and dursbility. Two pioce cast frome- $16^{\prime \prime}$ high, $171 / 2^{\prime \prime}$ long overall. Uses $3^{\prime \prime}$ puliey, Motor not included. Shpg. Wt. 14 lbs.
MD-61.
 T~

## DRAFTING.DRAWING-LAB ESSENTIALS

 are nested in fitted, volvet lined case. Contains three side wheel $33 / 4$ " bow instruments-one a divider, one e pencil and one a pen. All have reversible needle point. $51 / 4$ " compass with pen and pencil parts_ond lengthening bar. $51 / 4$ divider with straightening device. $5^{\prime \prime}$ ruling pen. Extra handle for use with pen and pencil parts. Cap. sule with extra leads. This is one of the finest values Lafayette has ever. offered. Perfect for sehools, labs, industrials or wherever precision drawing sets are used. Your money beck if you do not agree that this set is worth twice our low. low pricel

Nol 2.33

ofayette has desioned this ret with the prafestional draftsman and odvanced studant in mind. Contalns all the necessary equipment for drafting machanical drowing-designingongincering, Sturdy occurate components. Includes $20^{\prime \prime} \times$ $241 / 2^{\prime \prime}$ drawing board $24^{\prime \prime} \mathrm{T}$ square, $10^{\prime \prime} 30^{\circ} / 60^{\circ}$ triongle $8^{\prime \prime} 45^{\circ}$ triongle, french curve, $12^{\prime \prime}$ riangular rule. $6^{\prime \prime} 180^{\circ}$ protractor, 4 pencils pencil pointer, erasing shield, thumb tacks, and art gum eroser. If purchosed seperateir these components would cost many times our low price. An unbentable valual Shpa. wt., 10 lb.
F-180
SPECIAL COMBINATION ORFER
Conslats of F.65 Technicat Drafting Set ond F.180 Super drawing ouffit.


TECHNICAL DRAFTING SET

- Conter Wheel Adiustiment
- Prefozalewal

Owelty
German
Creftrmanswib
A $\$ 15.00$ Vale
5.95

A fine sut of Importad nickel plated brass instruments $1 / 0^{\circ}$ self-centoring usual price for this quality. Contsins divider, pencil, pen patts ond lengithening bar; $6 / h^{m}$, wilfcentering divider; spring bow divider $4 \%$ ", cunter wheol adustmont with inferchangeable neadle polifts spring Wheol adiustmant and intarchengesbie noedo point; two 5\%" ruling penst; extra hunde for pon and pencil patsi; ediustment tool; toad case and leads; and spare parts tif; edilutment tool; bad case and leadst and spare parts hit: R-65

## LETTERING GUIDE SET

 Made of transparent plazitic that's pliable yet rigldsherp pencll or lat. Eoch quide has undercent to pre. vant ime smeors when eoved. Each has complote. alphobef, all numbera plue commonly ured signs. Most infters formed with.ome operation. Set coenints of
 F-78-Compter.

|  | inidividual guides |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| No. | Sim | Each |  | Steo | Each |
| R79 | \%". | 69c 85 | $\begin{aligned} & F-82 \\ & F-83 \end{aligned}$ | 葡" | $\begin{aligned} & 1.19 \\ & 1.35 \end{aligned}$ |



ADDS UP TO 99.999 - SUETRACTS - MULTIPLIES Fost-arcuroto-precision engineered. Moving parts mode of Dupont Nylon. Just dial your numbers-read your onswers! Great for generol dally calculotionssmoll business-ond homewark. Fits pocket or purse $\overline{-r}^{\text {mech }} 1 / 2 \mathrm{tb}$. $\mathrm{wt} ., 1 / 2 \mathrm{lb}$.
F-189...
Cots of 3, eoch 1.35
Singly, eoch 1.50

1.98

## $8^{\prime \prime}$

## ADJUSTABLE TRIANGLE

## Handiast dovice ovart Trans.

 parent plastic. Troce any angle Pram 0 to 90 degrase. Inner row of graduations on erc giveangle outar row give cample angle outor row give cample mentdry angle. Has four apon ing: for drewing circles $1 /$ n $^{\prime \prime}$, holes $1 / 4$ " apert on two sides to
divide ony line into a qual pots by swinging angle. Uioful for cross hatching, orchifectural staltway drawings, speods up lofter spacing. No protrusions to fear tracing paper. Shpg
Wi. 6 or. R-71

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## LETTERING PEN

## - Ma

Reservoir type drawing pan. Has plunger for fill. Rowervoir type drawing pon. Has plunger for fill. use with lott ering guldos from $1 / h^{2}$ to $1 / 2$ end gon. eral applications. Shpg. W\%. $3^{\circ} \mathrm{or}$. R-95
wORLD FAMOUS Gunhart

HARD MAPLE PANTOGRAPH

### 3.75

ELECTRONIC ORAFTING TEMPLATE NEW


Exceptionally eccuretel Made to J.I.C. standards for electronic symbols. All ape provided for - plus fube beses for 7, pand prona fubes. Includes letest symbols - transistors diodes - recti. fiers - plugs, te. Covers all electronic symbols. Size $7^{\prime \prime} \times 5^{\prime \prime}$. Thickness .030 . shpg. wt. 4023.
F-151.
Not 2.10

ENLARGES - RLDUCES - REPRODUCES! PRECISION SUSPENDEDI
NEVER EFFOR UNDER $\$ 5.001$
$21^{\prime \prime}$ odiustable pontograph-21 different ratios from $11 /{ }^{\prime \prime}$ to 8. Enlarges, reduces or reproduces drowings-sketches-diogroms-pictures-maps-oic. Most ropid, accurote means of reducing or enlarging to scale. Locquered highly finished bars ore $21^{\prime \prime}$ long and $3 / 4^{" \prime}$ wide. Heavy metal standord, with beoring eliminotes all friction. Chrome ploted hord-ware-ratio thumb screws ond nuts. Complete with load, F-158. Shpg, wt., 2 lbs

F-58

F-193..

## LABORATORY MAGNET KIT

This set has been specially designed for
sehools, laboratories, snd technicians. sehools, laboratories, sind technicians, netic properties of permanent magnets of different shapes and sizes. It is inFinuable for plotting magnetic fields. bar maraets $2^{\prime \prime} x^{1} z^{\prime \prime}$ " diam., a horseshoe magnet $1 \mathrm{~s} / "^{\prime \prime}$ high $x 1.5 / 16^{\prime \prime} x{ }^{5} \mathrm{~s}^{\prime \prime}$
deep with $5 / 16^{\prime \prime}$ spacing between poles. and a bridge maknet $7 / 16^{\prime \prime}$ high $x$ 28/32" $\times 5 / 16^{\prime \prime}$ deep with $1 / 4 "$
between poles. Shpg. wit., $11 / 2$ /bs.

## ILLUMINATED MAGNIFIER

## - 5X MAGNIFICATION - 2" FIELDI

- regular 10.95

VALUEI
A fine fired focus llluminated mognifler-mogntios 5 times. Field of rision is 2 "1 11 " $^{\prime \prime}$ working distonce work 5 times. Field of vision is 2 ar $1 \%$ working distance. Unlimited usage in industry-shop-hobbies. For checking tools and dies-castings-forgings-welds-otc. Inspection of me. fer movements-fine soldering electronic repoirs. Magnified oreo easily occessible through cut out involuobie in habbies such as stamp or coln collecting, photography, entymology -minerology—utc. Excellent mop reoder. Completely por-
toble-uses two No. 2 cells for power. Weight $3 / 4$ lbs., toble-uses two No. 2 cells for power. Weight $3 / 4 \mathrm{Ibi}$
length $81 / 2^{\prime \prime}$ overall. Shpg. wt., $11 / 2 \mathrm{lbs}$.


## $R$

- Telescoping extension bar.
- Draws circles up to 28' in diameter.


## - Center wheel adjustmest.

Made in Germany of nickel plated, cold rolled brest. Divider is 6" lone-has knuekle loint-inferchange. able pon end pencil parth-talescoping beam-feversable noedle point-centar wheol acts as micromoter. Makes circlos from $1 /{ }^{\prime \prime}$ "to 28 " with extension
bar. A profossional instrument with a wide renge of bar. A professional instrumant with a wide range of utility. F-116.

## Page 42

## LAFATETE MAKES PHOTO HISTORY

## TWIN-LENS FOCUSING REFLEX CAMERA

## LATEST MODEL - LOWEST PRICE:

TWO f3.5/80 HARD COATED LENSES OFLASH SYNCHRONIZED

- SPEEDS: to $1 / 200$ SEC $!$. ACC - fingerjir focusing


## double exposure palm

eXPoSURE PREVENTION
brilliant coiling precision mode of $1 / 200,1 / 100,1 / 50$, whit el Shutter tensor 120 . ind Bulb. 12 loose $21 / \mathrm{m}^{2}$, $110,1 / 5$. $1 / 2$
 terminal. Precision coupled focusing-never - PC giant magnifier for Brilliant ground glower on out highly corrected for close-ups and copying foes pert definition. O3.5/80 cooled lenses give sa st with built in sports finder. Pets of shuts hood F22. Hos etched depth of field opening F3.5 to cosily visible from above. Siondord distance scold socket. Rugged all metal covered coble release sociol. Focuses from $31 / 2$ covered body has tripod apennine leather Evereody case includes unity. The shoulder straps. Built in case includes both and
for suspending tofoyuspending when not in poser on comer bock' guarantee 'Satisfaction -or your course tool Lens mount is applies to this fabulous volute 4 lbs. 36 mm . Lens Case. She value F-205

Her 19.49
Three Piece Outfirmersody Case.. Net 3.95 leather Evereody Cos - Collopsibl. foin
F-207
rear of cosec. Complex 1 lb .
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## SUPER QUALITY FLASH GUN

Exceptionally fine flash gun. Designed fer use with twin-reflex cameras - equally useful with any synchronized comero. Extra sturdy battery either bayonet base or screw bose without adaptors reflector takes firmly-iect surely. Hos extension socket- indoptors, Bulbs lack in or conserving batteries. Extra heavy broch test switch-on/off switch holds all cameras firmly. Uses $2 \cdots$ ". as Mallory PX-10. Gun may be removed from bracket on d pack such for "hounce-flash". Gun may be Includes defochoble cord -mounting bracket held test bulb. Shag. wi., $21 / 2$ tbs. F. 275

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## PANHEAD - SPECIAL PURCHASE

iNCOMPARABLE AT THIS PRICE - PAN TILT WITH A SINGLE MOTION Sturdy brass construction - high patithed chrome finish.


Here is a versatile, es y to use high quality exposure meter produced with iewel-like precision by skilled craftsmen. Complete range from 1.2 to $f: 22$ speed $1 / 1000$ second to 2 mi. stops ratings from. to fo 100 ASA. point meter at subject-medeling sappers in same posture time-diaphragm reading appears 16.32 and window. Simultaneous movie reading see ed and sim. frames. Designed for outsaly sensitive and accu. plicity of operation. Em an 4 os. Inlaid panels of ate. Net weight less than 4 Cos. Yathor-sarn chrome trim is hall the cost of other You must agree our price is hal construction Evermeters of such fine design and flexible metal neck ready leather carrying case and Shag. Wt. $1 / 2 \mathrm{ib}$. F.27 EXPOSURE METER...... Net 8.75 5.28 Leather case F. 29 Neck chain

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- LIFETIME FLASH TUBE!
- COMPACT ONE PIECE AC UNITE - NO DUDS_NO MISSESI - SUPER FLASH STOPS FAST ACTION EVERY TIME! TUBE GUARANTEED FOR LIFE! Get brilliant Color - sparkling Black and White thousands and thousands of fishes Mash bulb bills seconds l Compact - lightweight - tess than mon battery units. fits any camera hoving tondard fri ped socket. Supplied with PC cord tip
F-211 In lots of 3, each
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F-213
Foch
PORTABLE POWER PACK
Have the advontoge of AC operation and complete portability! The Power Pock - using ow cont, lightweight Aoshlight batteries permits Mosh picture poking anywhere - any time Shoo, wt 1 in conjunction with Electronic Strobe Flash F2II. Uses four \# 2 batteries -212 - In lots of 3 e och

BATTERIES FOR POWER PACK
Burgess \#2 or RCA VS036
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## TREMENDOUS TRIPOD VALUE

- regular $\$ 6$ 9 5 value

> - LIGHTWEIGHT = LOW COST STURDY I

Five section sturdy bros tripod. Extends to $45^{\prime \prime}$ - telescopes down $10121_{2}^{\prime \prime \prime}$. Weighs o wont 10 or. Chrome rimmed - head has 'ension adjust screws for each leg. fits af tripod sockeciol shots. Shpt. Wt., 2 lbs. toke the
 unnecessory. Weighs only 4 oz. Hondo is detorhoble fo compoetress. Twist of handle locks both pan and till compotiness. I wist of handle hocks both pan
pans $360^{\circ}$ tilts approx. $145^{\circ}$. Shag. wt. 8 oz . ${ }_{\substack{\text { Pans } \\ f .215}}^{\substack{300}}$

Preclaton made-all brass -heavily, chrome plated. All-angle "Tilt-Top fits German and American Tripods and Cameras. possible angle. Ines pion at every ponsenive - indispensable accessory ships. $W$ t. s oui. F-160_................................ 1.39

## 35 mm SLIDE FILE

Portable alt steel 35 mm slide file. Store $1502 \times 2$ glass slides or 3002 za cardboard slides. Includes index card and numbered strips for quick. easy identification. Metal hand is and 2 snap catches. Fin- Shag. Wt. 1 platinum
Fibs.
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 Complete STEREO KIT

- Takes single pictures - or Siereol
- Ruggedly constructed - Simple to usel - Color or Block and White - Complete with flash Unit - 30 Viewer - Frames - Leather Case - Strepsi Leave it ${ }^{10}$ Lafayette! Never before - a complete, 3-n Camera Kit at a price as lamas stereo pictures. 3-Dimensional pictures add Hi-Fidelity to Photography! Uxen standard
 Shouter cocking lever prevent* double exposure. Lifhturitioht bipeds covered with bulb. leatherette- trimmed with hrushod aluminum. Genuine leather everready crease with black.
 Viewer and frames. Shoa. wt., 3 the.
1210
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MT. PALOMAR TELESCOPE

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- SEE THE MOON'S CRATERS JUPITER - SATURN
Working scale model of the 200 inch Mt. Polomor tolescope. Bausch ond Lamb prime focuz refiector lens sturdy operating controly to better enable the youns ostronomer to study the Moon - Sofurn - Jupiter - and all the wonders of the night sky. More than a toy - on occurate, powerspoce minded youngsiers - sultoble for the omoteur ostronamer. Complete kit including
 Fully ossembled - Roody to use. Exoctly os described obove but completely osiembled. $\operatorname{Shpg}_{7-224} \mathbf{w t} 5 \mathrm{lbs}$.

List 14.95
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NEW 30 POWER 60 mm SPOTTING SCOPE
© Thoceifer type focssingi Prismatle Lens system! - All Motal Construction Welghs only 11 oxs. - $121 / 2^{\circ}$ long

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IMPORTED
REFRACTING ASTRONOMICAL TELESCOPE WITH TRIPOD AND FITTED WOODEN CASE - Three Eyepicees-40X, $64 \mathrm{X}, 89 \mathrm{X}$ - $800-\mathrm{mm}$ Focal Length - 2\%" Objective Lews Protens longl int
strument for the am.
atear atrunger. Fully correrted and cotied lenser for
marimumbillane smity clarity. White anameled duraluminum tub Moring parts of hearlls ehrome plated brast. Fine nothed rack and Dinion locusing.
Includen iX cross hair vlew finder: 3 esepleces
 lerrestrial viewing, Har diagzin for convealont
rlath angle slewling. Resolving power $1-93$. tight angle slewing. Resolving power $1-93$.
Forts trpe altaximuth mounting with tension edjumment. Objective lens la 60 mm in di-ameter-larke dew rape prevent condencetion
on lens and restriens stray Heht. Three
Hert morlion eollapatble moden tripod has wooden eabinet. Welght of teleseope.
triphed and case, appros. 8 ths. Total tripand and case, approz.
shipping welght 25 its. C. 102 -Complete set

Net 69.50


## 30 POWER

## TELESCOPE

- Weighs only 8 ounces!
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Pracision machined body. Hand ground, hard caated, achromatic lenses. Sharp. clear, brilliant images in the same manner as fine binoculars. Used in huntingcloserl Highly polished plated tubas for amooth up views. stiding focusing Collapes choser Highy polishod plated fubas for amooth, easy sliding focusing. Collapses finest optical bargains. As always you must be caflified-or rafurn for immediate refund. Shpg. Wt. 2 fss.
F59
_Net 5.95 tripod-brecket- Shpg. W4. 5


Page 44


# OUTSTANDING VALUTES 

## SPORTSWAN'S COMBILATION KNIIIE

3.25

A COMPLETE 12 PIECE CAMPING KIT WORTH 3 TIMES THE PRICE
This fine imported camping kit contains 2 knives, fork, spoon, scissors, can and bottle opener, saw and fish sealer, awl punch, serew driver and file, corkscrew, and a sailmaker's needle. Fine steel blades. All tools fold neatly into bone hande " $4 / 6^{\circ}$ " long complete with leather carrying case with belt loop. Shpg. wh 1 ib .
F.148

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IMPORTED MARCHING COMPASS


Made in Garmany by the loading Europoan compars manufacturers. indispencebtele for campers, hikers, hunters, tourists, atc. Some
type as those eitensivalir used by the ormed type as those satenivily used by the emmed
forces to detorming one'r posftion in unforcess to determine one 's position in un-
known country. Jewalod needioluminous known country. Jawaled noedio-uminous
cardinal points-rotating twin scele, a.s4 cardinal points-rotating in scate, for eccurate bearingo-locking device--etting -bony calibrated in millmatras-rugged, measure the width of an objective. Complate with instructions.

- 115

Not 2.45


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Germany. of super fine steel. Holds edge sharp enough to shave with! Finest hunting, fishing. and all 'round sporting A1D made! Includes e $21 / 4$ " saber type blade, $11 / 4$ " utility blade, standard screw driver. Phillips scrow driver, $3^{" 1}$ compound toothed saw blade. reamer-punch-awl blade, can opener, bottle opener, and pair of fine quality scissors. Withstands the roughest treatment. Fine Solingen Steel essures years of dependable service. Shpg. wt. I Ib.
fol21.................................................................................. 3.75

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With Coated Achromatic Lenses and Prisms


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## Gulify Gucranteed lar Ome Yeat

FOCUS-mechanism is oither central focus (C.F.) by means of a single wheel and one adiustable eye piece, or individual focus (I.F.) wherein both oy pieces are sparately adustablo.
POWER-is the number of times an image is magnified through your blnocutars. For examole $7 X$ ( 7 dowor) means the obiect will appear 7 fimgs larger (or closer) than with the naked ere. The second number used (i.e. the " 30 " in $12 \mathrm{X}, 50$ ) is the COATED LENSES-tend to redece reflection
COATED LENSES-tend to redrece raflection and pass up to $50 \%$ more light than
uncoated lenses.
F-1e2 Includes Nerd Figgikin caso
 POCKET GENERATOR

FLASHLIGHT mo eatremes - evar - alwars milar ro opeats! The berfect pocket flamilight for home-car - or to carry with you. Plenty of bright ator lorel. No batterles to carrode or go
dend. Balanest fowbeel enerator for ease

 eabily Into pockot or purse. Neter wears
out. Ideal for campers iouriots-motor-
Ints. Weighs only 6 ozs. Mado in Gerinany F-169

## NAUTICAL BRASS BAROMETER

Shpe. wt. 1 1u....... NET 379 JEWHE NBEE compass
Hero's a precision compass by o famous compass manufacturer-each composs is made by procision craftsmen and assures dependable accuracy. Heavy brass case is nickel plated and highly polishad. Hinged cover, $13 / 4$ " beveled crystal face, swive carrying ring. Metol scale fully colibrated has luminous marking at cardinal points. Needle is suspended on a jeweled bearing -has luminous tip. Locking device holds needle in position-highly polished inner band permits reading from any ongle. F-12.

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Not a gadget-but e reat in strument.

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Map.
Measures curved or irregular shopes.
Exclusive of Lafayette! A mep measurer with built-in campass! for the motorist - camper - hunter boating enthusiast. An indispensa. ble unit of equipment. Just trace adong roule on map and multiply on dial. Also reads directly in on dial. Also reads dieactly in compass has cardinal and. second ary points-full $360^{\circ}$ markings i tenths. Accurate and depandable.
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DENS
Fine, imported brase barometer-spe. cially designed for bosts-qually at vory dial with fine black markings. Reads "Stormy-Change-Vory Ory"Reads Stormy-Change-Vory
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fris5....
Net 4.75


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## 3 LENS TURRET MICROSCOPE

100X-200X-300X At a Microscopic Price
We made deal with bia importer. He needed cash-Fast! So he came straight to big-buying Lafayette-made us hard-tobelieve offor-and we closed the deal thon and therel You get the lowest pricas ever on - truly fine instrument-precision built for position turret holds 3 achromatic color. corrected objectives for megnification of 100 X 200 X and 300 X powert Magnification of stend-inclines through $90^{\circ}$ Dual tnob focusing by rack and pinion. Adjustable plano sub.stage mirror High.grade microoptics used throughout! Complate with fitted wood. en cerrying case and slides. Shpg. Wt. $4 / 2 \mathrm{lbs}$. F-10.

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| 17. | 42 | 87 | 1.06 | 1.35 | 1.74 | 2.20 | 2.74 | 3.21 |
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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 lbs. | 2.00 | 2.17 | 235 | 2.75 | 2.92 | 3.35 | 3.93 | 4.37 | 4.87 |
| 30 '* | 2.26 | 2.52 | 2.78 | 3.42 | 3.64 | 4.29 | 5.16 | 5.81 | 6.56 |
| 40 | 2.51 | 2.86 | 321 | 4.06 | 4.35 | 5.22 | 6.39 | 7.26 | 8.25 |
| 50 | 2.77 | 3.21 | 3.64 | 4.71 | 5.07 | 6.16 | 7.61 | 8.70 | 9.94 |
| 60 | 3.03 | 3.55 | 4.08 | 5.35 | 5.79 | 7.10 | 8.84 | 10.14 | 11.63 |
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| 80 | 3.55 | 4.24 | 4.94 | 6.64 | 7.22 | 8.97 | 11.29 | 13.03 | 15.02 |
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