

SYMBOL OF



SATISFACTION



for

**RADIO SERVICING
AMATEURS & ENTHUSIASTS**

AEGIS for Efficiency

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WARRANTY

All Aegis components are subject to a rigid laboratory test and are, therefore, guaranteed against any faulty workmanship and/or material.

AEGIS MANUFACTURING COMPANY PTY. LTD.

AEGIS for Dependability

The superb quality of "Aegis" Products is so widely recognised that there is little need to further emphasise it for the benefit of readers of this catalogue. Suffice it to say that the high standard of Trustworthiness and Efficiency which characterise every "Aegis" Radio Accessory and Kit Set will be fully maintained in the future.

At the factory address: 380 ST. KILDA ROAD, MELBOURNE, S.C.1, the larger premises provide even better facilities for greater efficiency which will further enhance our service to our many friends.

In presenting this comprehensive catalogue, Aegis Manufacturing Co. Pty. Ltd. take this opportunity of thanking customers for their support and encouragement and of giving them an assurance of unrelaxing efforts to continue to render that Dependable Service which has won the Goodwill of amateur and trade alike.

We are privileged to bracket with our name the following firms, who, over the past years, have contributed in no small measure in developing the quality goods now produced and bearing the trade mark "AEGIS".

TRIMAX TRANSFORMERS

Charles Street, North Coburg, Vic.

For our requirements in all classes of Sheet Metal, Power and Audio Transformers and Chokes, our choice has always been "Trimax", a name synonymous where good quality counts. Chassis for Radio Kitsets, Brackets for Tuning Units, and many other Components, here we look to Trimax Transformers. We tender our thanks to this firm for their excellent service.

MANUFACTURERS SPECIAL PRODUCTS

47 York Street, Sydney

For our requirements in Variable Condensers, Oak Switches, Iron Cores and Air Trimmers, we chose the quality products of "M.S.P.", now known throughout the length and breadth of Australia for their dependability and lasting service. Since the war the supply position has been very difficult and this firm have always rendered the most wonderful service in deliveries. We would like to record our thanks to this firm.

NOYES BROS. (SYDNEY) LTD.

115 Clarence Street, Sydney

No small item in developing reliable Radio Components, particularly Coils, is the Solder used, and "Aegis" have discovered, over years of practical experience, that "ERSIN" Multicore is undoubtedly the most reliable and efficient Solder available today. Supplies from leading Accessory Houses throughout Australia.

208 LITTLE LONSDALE STREET, MELBOURNE

AEGIS for Durability

PHILIPS ELECTRICAL INDUSTRIES OF AUSTRALIA

Hendon Works, Adelaide

During earlier years supplies of Aluminium Cans for Coils and I.F. Transformers were short and we were forced to buy wherever they were available. Out of this experience we have proved that, like Philips Valves, their cans are unbeatable for reliability and high quality.

DUCON CONDENSER COMPANY

73 Bourke Street, Waterloo, N.S.W.

A good Permeability I.F. Transformer, for stability of frequency, must have a real quality Mica Condenser, and in this direction we chose the Ducon Simplex Silver Mica and used many thousands with entire satisfaction. In our Kitsets and other Tuning Units, etc., we concentrate on other quality Ducon products such as Paper, Electrolytic and Block Type Condensers.

ROLA COMPANY (AUST.) PTY. LTD.

The Boulevard, Richmond, E.1, Vic.

The best sets deserve the best loudspeakers and for this reason we have always specified Rola loudspeakers with our famous "Aegis" Kitsets and use them extensively in our new extension speaker units.

Their outstanding performance and the wide choice of models offered makes the Rola name outstanding in the field of sound reproduction and one with which we are happy to be associated.

COMMONWEALTH MOULDING PTY. LTD.

242-256 Princes Highway, Arncliffe, N.S.W.

(Marquis Plastic Mouldings)

One of the pioneers of plastic moulding in Australia. (Our ever-popular "Metropolis Four" KS4/B Kitset is housed in a "Marquis" Cabinet). We recommend "Marquis" Wirewound Potentiometers, straight drive, gang and vernier types. Their wide range of plastic radio and industrial knobs, handles and fittings are well and favourably known throughout the Commonwealth.

AMALGAMATED WIRELESS VALVE CO. PTY. LTD.

47 York Street, Sydney

It has always been the policy of Aegis Manufacturing Co. to incorporate only components of the highest grade, in all products. This is particularly important in the case of Valves, and to ensure long life, dependable service and excellent performance, Aegis use and recommend 'Radiotron' Valves, the product of Amalgamated Wireless Valve Co. Pty. Ltd. Every 'Radiotron' Valve is a masterpiece of accurate workmanship, and 'Radiotrons', together with the advice and assistance of A. W. Valve Co.'s scientists and engineers willingly given at all times, have been valued contributions to the success of Aegis Manufacturing Co., and public favour with which Aegis products have been received.

AEGIS MANUFACTURING COMPANY PTY. LTD.

AEGIS for Reliability

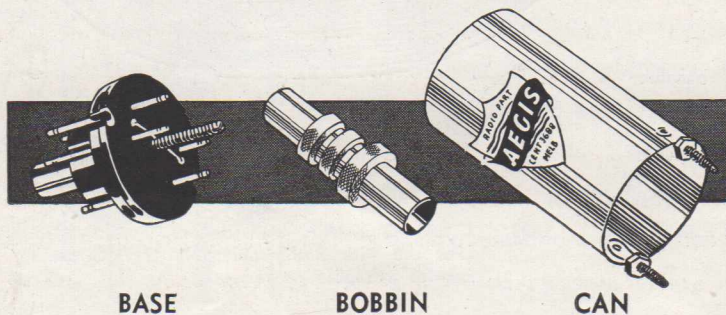
Aegis Broadcast Coils

Where shielding is specified, extruded aluminium can measures $2\frac{1}{4}$ " high x $1\frac{3}{8}$ " in. dia. Base is of high quality moulded bakelite; pins, which are numbered, and protrude $\frac{1}{16}$ " from base, are silver plated. Permeability iron core is locked with retaining spring. Eyebolts ($\frac{1}{8}$ " complete with nuts, are fitted to can with $1\frac{3}{8}$ " mounting centres; 1" (min.) chassis hole required. All windings impregnated with high frequency lacquer.

Types M5-M6-M7 are unshielded. Former measures $\frac{17}{16}$ " dia. x $1\frac{3}{4}$ " long. Windings terminated on punched bakelite plate ($1\frac{1}{8}$ " x $1\frac{1}{8}$ "

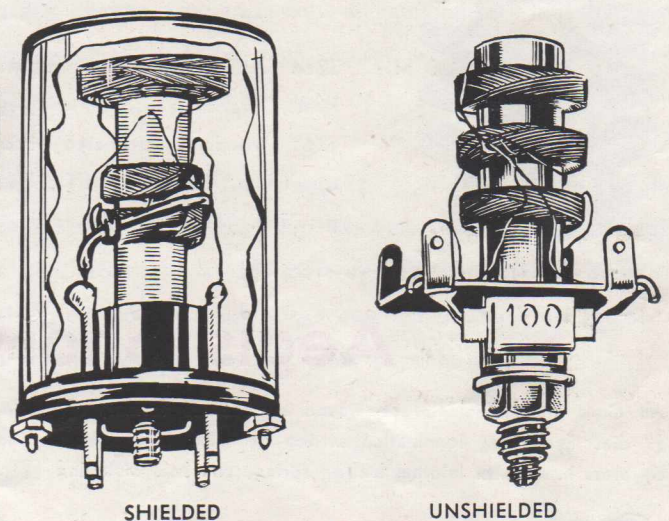
fitted with eyelet lugs. Iron core carried by brass insert with internal locking spring. Mounting is by one $\frac{1}{4}$ -in. hole; nut supplied. These coils primarily designed for use in portable receivers.

Types M19-M20-M21 are unshielded, aircore coils wound on former, $1\frac{7}{8}$ " long x $\frac{3}{4}$ " dia. Secondary winding is progressive wound to ensure low distributed capacity. Terminating lugs fitted at top of former; two similar lugs provided at base, which may be soldered to chassis for mounting. (Not illustrated.)



R.F. B/C

TYPE	
M2	Aircore, Shielded.
M6	Permeability Tuned, Unshielded.
M10	Permeability Tuned, Shielded.
M15	Permeability Tuned, Shielded. WITH Reaction Winding.
M20	Aircore, Unshielded, Progressive Wound.



Aerial B/C

TYPE			
M1	Aircore, Shielded.	M9	Permeability Tuned, Shielded.
M5	Permeability Tuned, Unshielded.	M12	Aircore, Shielded, with Reaction (Reinartz).
M19	Aircore, Unshielded, Progressive Wound.		

Oscillator B/C

M3	Aircore, Shielded, 455 Kc. Converter as specified.
M7	Permeability Tuned, Unshielded, 455 Kc. Converters ECH35, 6J8, EK2, 1R5.
M11	Permeability Tuned, Shielded, 455 Kc. Suitable for same Converters as Type M7.
M11A	Permeability Tuned, Shielded, 455 Kc. For 1A7 Converter.
M11B	Permeability Tuned, Shielded, 455 Kc. For 6SA7 Converter.

M11C	Permeability Tuned, Shielded, 175 Kc. Suitable for same converters as Type M7.
M21	Aircore, Unshielded, Progressive Wound (converters as specified).

Padder Values

455 Kc. Iron Core Coils—450 mmf. fixed.
175 Kc. Iron Core Coils—.001 mfd. fixed.

Aircore Coils: 175 Kc. or 455 Kc. Variable, as necessary.

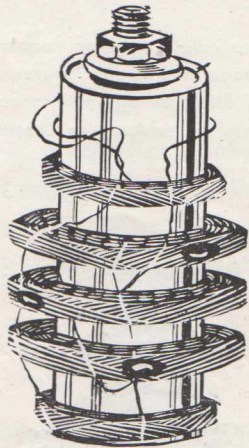
208 LITTLE LONSDALE STREET, MELBOURNE

AEGIS for Supremacy

Aegis Miscellaneous Coils

M16 B.F.O. 455 Kc. and 1600 Kc. (or as specified).

M22 Crystal Filter Input, 455 Kc. (Circuit available).

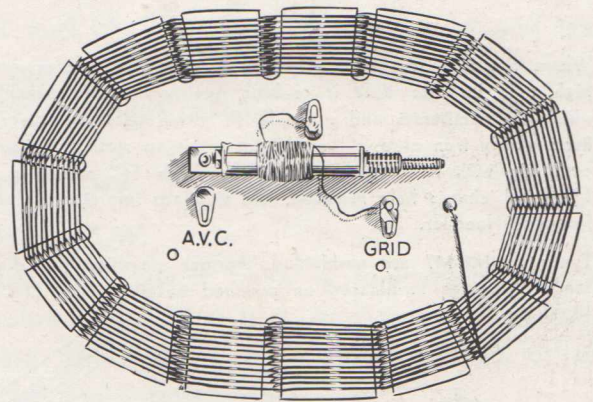


(M23)

TYPE

M22A Crystal Filter Output, 455 Kc. (Circuit available).

M17 Loop Aerial, wound on canvas bakelite former, oval in shape, measuring approx. $7\frac{1}{4}$ " x 5". Windings terminated at centre with eyelet lugs. Coupling turn for external aerial provided. Matches A.W.A. and "H" Gangs.



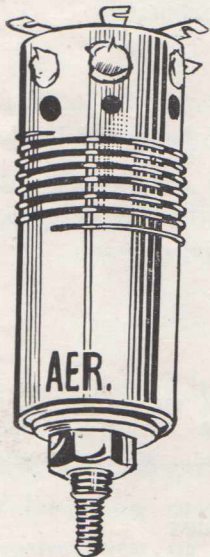
M17A Loop Aerial, similar M17, but with loading coil for peak performance over entire band. Permeability tuned.

M23 C.R.O. Coil (R.F. Transformer), 2 Kilo-volts. (For use with Radiotronics No. 117 Circuit. Reprint available on request.)

Aegis Short Wave Coils

All Coils are unshielded and wound on bakelite former, $1\frac{7}{8}$ " long, $\frac{3}{4}$ " dia. Eyelet lug termination at top of coils. Iron cores carried by brass insert with internal locking spring; one hole mounting ($\frac{1}{4}$ ").

Nut and washer supplied. Aircored types mounted by means of eyelet lugs on chassis or tinned wire, direct to switch.



Aerial 13-42 Metres

TYPE

H1 Aircore.

H4 Permeability Tuned.

R/F 13-42 Metres

H2 Aircore.

H5 Permeability Tuned.

Oscillator 13-42 Metres

H3 Aircore, 455 Kcs.

H6 Permeability Tuned, 455 Kcs. Converters ECH35, 6J8, 6A8, EK2.

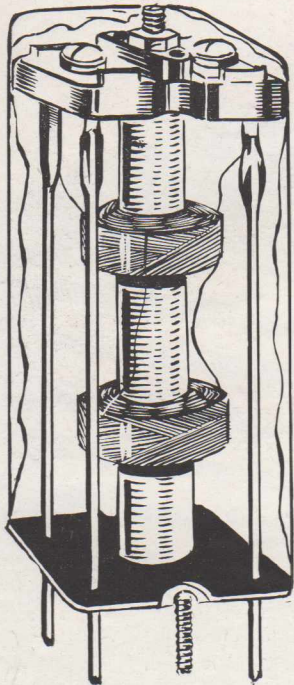
H6S Permeability Tuned, 455 Kcs. for 6SA7 Converter.

Padding Value: .0035 mfd. fixed (all Coils).

Note: S/W Coils are available for all frequencies up to and including 10 metres (30 Mc.). As these types are not mass produced, cost is slightly higher than standard Coils. Special data form available from Aegis distributors to ensure that all relevant information is supplied when ordering (Form NSF1).

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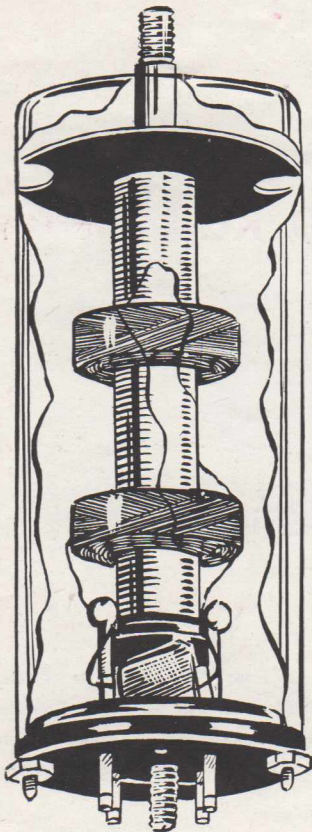
Aegis Transformers I.F.



J1-J2

Unless otherwise specified, I.F. Transformers are fitted in extruded aluminium can measuring 3" high x $1\frac{3}{8}$ " dia. Base specifications are standard, with silver-plated pins moulded into a unit of high-quality bakelite. Pins are numbered for wiring code purposes. Iron core in base is locked by means of a retaining spring. Eyebolts ($\frac{1}{8}$ ") at $1\frac{3}{8}$ " centres provide mounting facility; 1" (minimum) chassis hole required. The upper iron core assembly comprises a turned brass insert to carry the iron core, which is locked by an internal spring; fibre spacing disc centres winding in can. All windings are impregnated with high frequency lacquer of high quality. Fixed mica condensers across windings are impregnated to ensure stability.

Types J1-J2 are small aircore I.F.'s fitted in can measuring $2\frac{5}{8}$ " high x $1\frac{1}{8}$ " square. High-quality moulded trimmer condenser base is fitted at top of units, adjustment of which is provided by holes in top of can. These I.F.'s are primarily designed for use in small receivers and their sturdy construction ensures trouble-free operation. The ideal replacement I.F. for old type receivers, being aircord, and of small physical size.



455 Kc

TYPE

- J1 Aircore, No. 1.
- J2 Aircore No. 2.
- J3 Permeability Tuned, Primary and Secondary Centre Tapped, No. 1.
- J4 Permeability Tuned, Primary and Secondary Centre Tapped, No. 2.
- J9 Permeability Tuned, No. 1.
- J10 Permeability Tuned, No. 2.
(General purpose I.F. providing high gain, with correct channel band width. Litz wire. 7 Kc. band width at 6DB.)
- J13 Permeability Tuned, No. 1.
(Incorporates tertiary winding which may be switched in or out, thus providing variable selectivity. Circuit supplied in carton. Band width varied from 7Kc. to 12 Kc. at 6DB, when tertiary winding is switched in.)

AEGIS for Super-Quality

Aegis Transformers I.F.

455 Kc. (continued)

- J18 Permeability Tuned, No. 1.
- J19 Permeability Tuned, No. 2.
(A lower priced combination for general purpose use, incorporating solid wire. Ample gain for local receivers.)
- J20 Permeability Tuned, No. 1 and No. 2.
- J21 Permeability Tuned, No. 3.
(A medium selectivity group designed for the general purpose D/W receiver employing two stages of I.F. amplification. As gain is slightly reduced to ensure stability, it is essential that these units be used in sets of three. Band width is 4.5 Kcs. at 6DB and 20 Kcs. at 60DB. "Miller Effect" detuning is eliminated.)
- J22 Permeability Tuned, No. 1 and No. 2.
- J23 Permeability Tuned, No. 3.
(In the design of this group maximum selectivity was achieved with gain adjusted for stability under all conditions. Most suitable for communications receivers. Aluminium can measures 4" high x 1½" square. Windings terminated at eyelet lugs in punched bakelite base of best quality. It is essential that these units be used in sets of three (i.e., 2 I.F. stages) for maximum efficiency. Band width is 3.6 Kcs. at 6DB and 15 Kcs. at 60DB.)

50 Kc.

- J5 Permeability Tuned, No. 1 and No. 2.
- J6 Permeability Tuned, No. 3.

110 Kc.

- J7 Permeability Tuned, No. 1 and No. 2.
- J8 Permeability Tuned, No. 3.
(Aluminium can measures 4" x 1⅜" square.)

175 Kc.

- J11 Permeability Tuned, No. 1.
- J12 Permeability Tuned, No. 2.
(General Purpose Types.)

1600 Kc.

- J14 Permeability Tuned, No. 1.
- J15 Permeability Tuned, No. 2.
(General Purpose Types.)

1900 Kc.

- J26 Permeability Tuned, No. 1.
- J27 Permeability Tuned, No. 2 and No. 3

2000 Kc.

- J16 Permeability Tuned, No. 1.
- J17 Permeability Tuned, No. 2.
(General Purpose Types.)

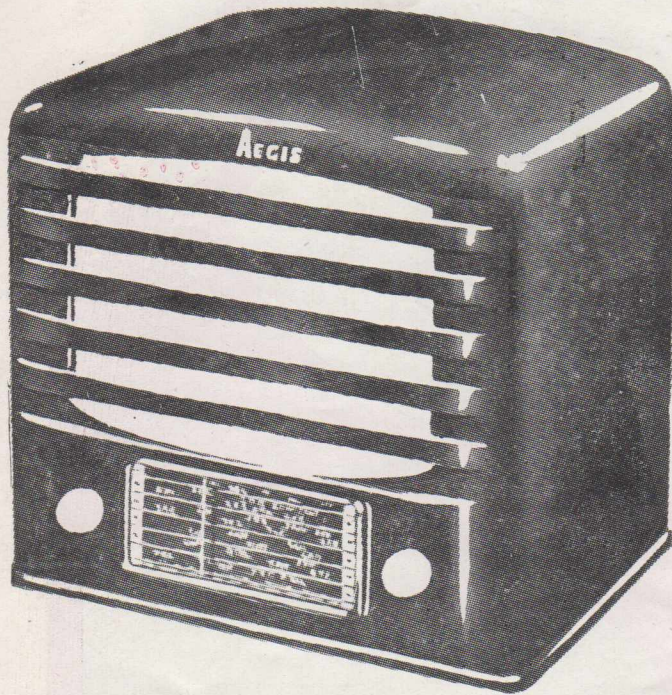
10.7 Megacycles

- J24 Permeability Tuned, No. 1 and No. 2.
- J25 Permeability Tuned, No. 3 Ratio Detector.
(Designed for broad band F.M. Receivers. The physical specifications are similar to J1-J2 with the exception that iron core screws protrude at each end. Suitable for use with Radiotronics No. 127 circuit. Resonating condensers fitted.)

AEGIS MANUFACTURING COMPANY PTY. LTD.

AEGIS for Efficiency

Aegis Kit Sets



The term "Kitset" when coupled with the name "Aegis," is intended to indicate that every part required, and every detail of design necessary is embodied in the receiver concerned. When unpacked, all components, nuts, screws, solder, etc., will be found, together with a comprehensive booklet covering assembly and wiring instructions. A.R.T.S. & P. transfers are attached to the chassis to enable full legal use of the superheterodyne circuit when for resale. Where necessary, all parts for the dial assembly are enclosed in a separate pack with the remaining hardware, thus simplifying the sorting of parts. The Kitset is supplied in a compact corrugated carton.

TYPE

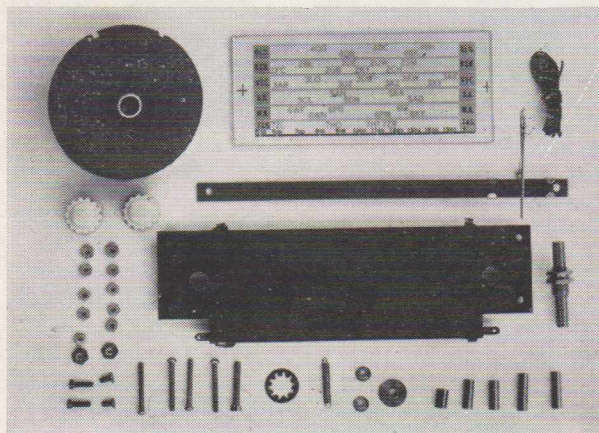
KS5/D "LITTLE COMPANION DE LUXE"—A 5-valve D/W, A/C table model. Attractive walnut veneer cabinet. Rola 6H speaker, edgelit dial. Instruction sheet includes the new Connoisseur circuit with tone compensation network—superlative single ended output. Valves: 6J8G, 6G8G, 6J7G, 6V6G, 5Y3G. (Not supplied.) Approx. size: 14" wide, 9" high, 7½" deep.

KS/R/4 "RURAL FOUR"—The ideal country receiver, housed in attractive bakelite mantel cabinet. Rola 6H speaker. Straight line dial. Long battery leads reach floor. Valves: 1R5, 1T4, 1S5, 3S4 (not supplied).

KS3/B "ECONOMY THREE"—A 3-valve A/C mantel receiver eminently suitable for a second set and particularly for the beginner. Bakelite cabinet, with edgelit straight line dial. Chassis cadmium plated. Valves: 6J7G, 6V6G, 5Y3G (not supplied).

KS/D/5U "UNIVERSAL FIVE"—A 5-valve D/W, A/C-D/C receiver for 240 volts. Housed in attractive walnut veneer cabinet, Rola 6H speaker, edgelit dial, chassis cadmium plated. Incorporates Aegis coil assembly, type KI. Valves: 12SA7GT, 12SK7GT, 12SQ7GT, 35Z5GT, 50L6GT, 1954 (not supplied). The ideal receiver for an area now on D/C and likely to be converted in the future to A/C.

KS4/B "METROPOLIS" — A 4-valve B/C mantel receiver. Bakelite cabinet. Edgelit straight line dial. Rola 5C speaker. Cadmium plated chassis. Approx. size: 10" high, 9" wide, 6" deep. Valves: 6A8G, 6G8G, 5Y3G, 6V6G (not supplied).



208 LITTLE LONSDALE STREET, MELBOURNE

AEGIS for Dependability

AEGIS KC4.
4-Band Tuning Unit

The most advanced
COIL ASSEMBLY
ever offered in
AUSTRALIA

Here's something for
the EXPERTS

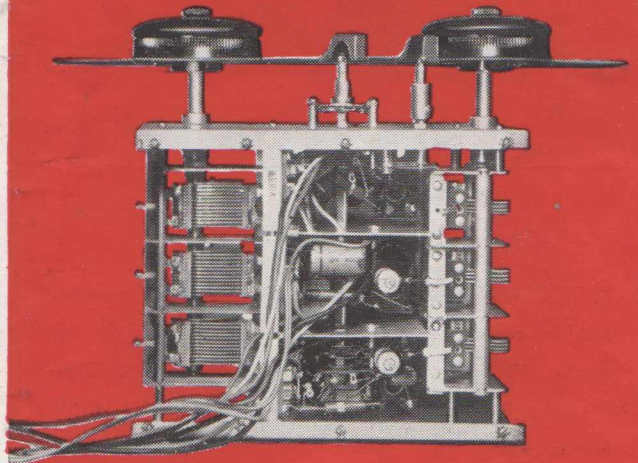
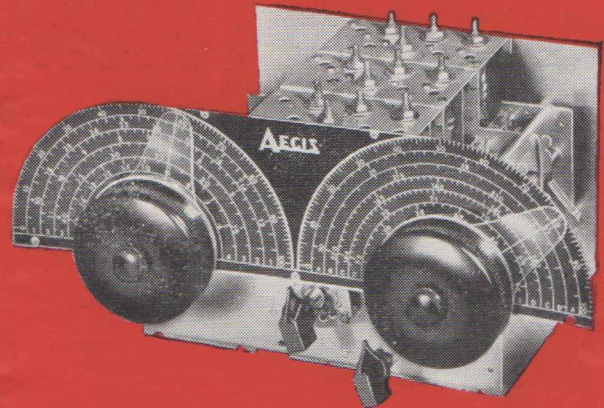
The new Aegis 4-band, bandspread tuning unit illustrated at right is definitely the answer for the amateur who desires to build his own communication receiver. Here are the plain facts of this latest Aegis triumph:—

4 Wave Bands	Band Spread—5 Bands
550 Kc. — 1500 Kc.	3.5 — 4.0 Mc. 80 Metres
1500 Kc. — 4 Mc.	6.9 — 7.3 Mc. 40 Metres
4 Mc. — 11 Mc.	14.0 — 14.4 Mc. 20 Metres
11 Mc. — 30 Mc.	20.5 — 22.0 Mc. 15 Metres
	27.0 — 30.0 Mc. 10 Metres

Actually constructed in three sub-sections comprising R.F., Converter, and Oscillator stages. Finally assembled in one unit, which incorporates Band Set and Band Spread condensers, together with two Slow Motion Drive Assemblies 55/1 and directly calibrated Plastic Dial. Valve sockets for R.F. (6SK7GT) Mixer (6AC7) and separate oscillator (6SK7GT) stages are already wired. Concentric air trimmers are used throughout and the six-section "Oak" Type Switch includes shorting banks for all coils not in use. Aerial Trimmer is brought out to front panel with 1/4-in. shaft. Screws for iron core adjustment in all coils are readily accessible from top of unit, as are also the Trimmer Screws.

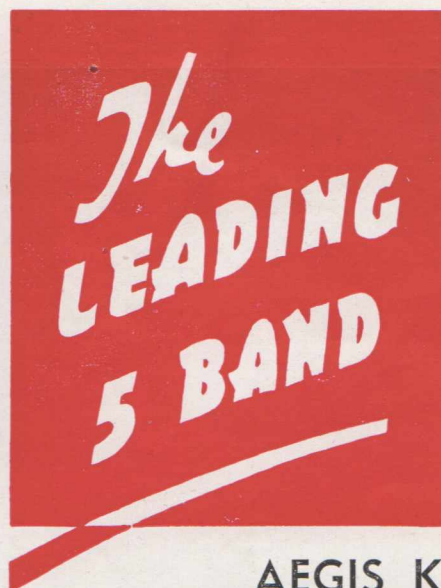
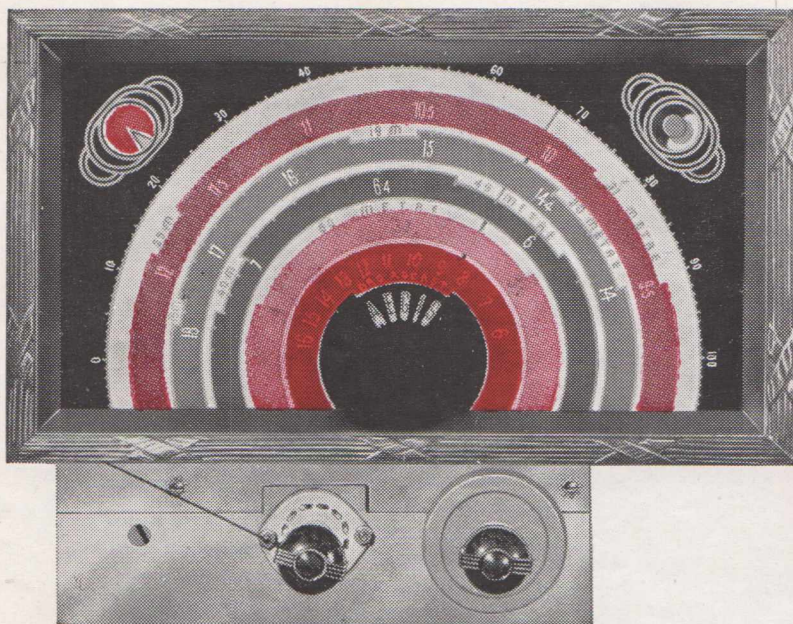
For use with the KC4, we recommend Aegis I.F.'s Type Nos. J22 and J23, specifically designed for communication work. A complete set of blueprints for connecting this unit, plus a most comprehensive communications Receiver Circuit, are supplied with each Kit.

See your distributor right away for your
Aegis KC4 Coil Assembly.



AEGIS MANUFACTURING COMPANY PTY. LTD.

AEGIS for Reliability



AEGIS KC5.

Electrical **BAND SPREADING** **TUNING UNIT**

Aegis does it again! This time it's a multi-band tuning unit, specially developed for the Custom built Console of the modern lounge! The unit is actually the entire "front end" of a radio receiver, completely assembled and wired and accurately calibrated in megacycles and aligned. For those who are especially keen on listening to exciting overseas broadcasts direct from their origin, plus hundreds of amateur radio operators, talking to one another all over the world; small ships at sea, aircraft, police and standard broadcast interstate, we highly recommend the Aegis KC5. Tuning on the Shortwave Bands is just as easy as tuning the Broadcast. Once a station is logged on this beautifully clear dial, you can rest assured it will appear at the same position next time.

SPECIAL FEATURES

Complete coverage of all popular bands obtained with FIVE SWITCH POSITIONS. (550-1630 Kc.), (3.4-4.05 Mc.), (5.8-7.5 Mc.), (9.4-12.3 Mc.), (13.9-18.2 Mc.).

Bands indicated on dial include 16, 19, 20, 25, 31, 40, 49, 80 Metres, and Standard Broadcast.

Multi-coloured, full vision, illuminated dial. 12½ in. x 7¼ in.

Band change switch operates Automatic Band Indicator on dial face. Fly wheel spin tuning shaft.

Provision for "Magic Eye" tuning indicator.

Positively no back lash on dial drive with 29:1 ratio.

Special Perspex dial pointer prevents incorrect logging.

All coils possess high quality, adjustable iron-dust cores.

Trimmers have high "Q" factor.

Best quality Moulded Mica, Ceramic and Paper Condensers incorporated in circuit.

I.R.C. Resistors used throughout.

Stabilised Voltage Control on Screens of both R.F. and Converter valves.

R.F. Stage on all wave bands.

Something New and Exclusive in Dial Escutcheons.

A.W.A. three-gang Tuning Condenser floated on rubber.

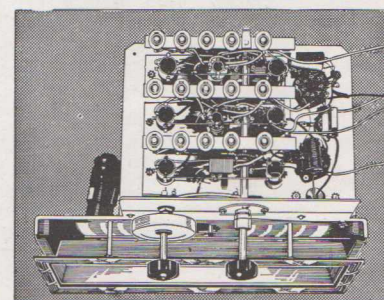
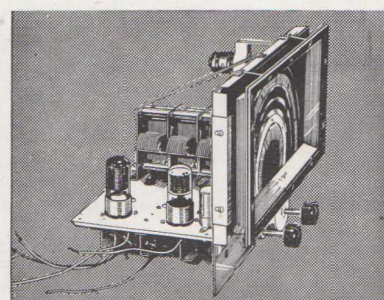
Whole unit may be mounted on four rubber grommets when attached to chassis.

All associated resistors and by-pass condensers included, complete.

Any number of valves and control circuits can be built around this unit to give the desired results. (We recommend two I.F. stages, using Aegis J20 and J21 I.F. Transformers.)

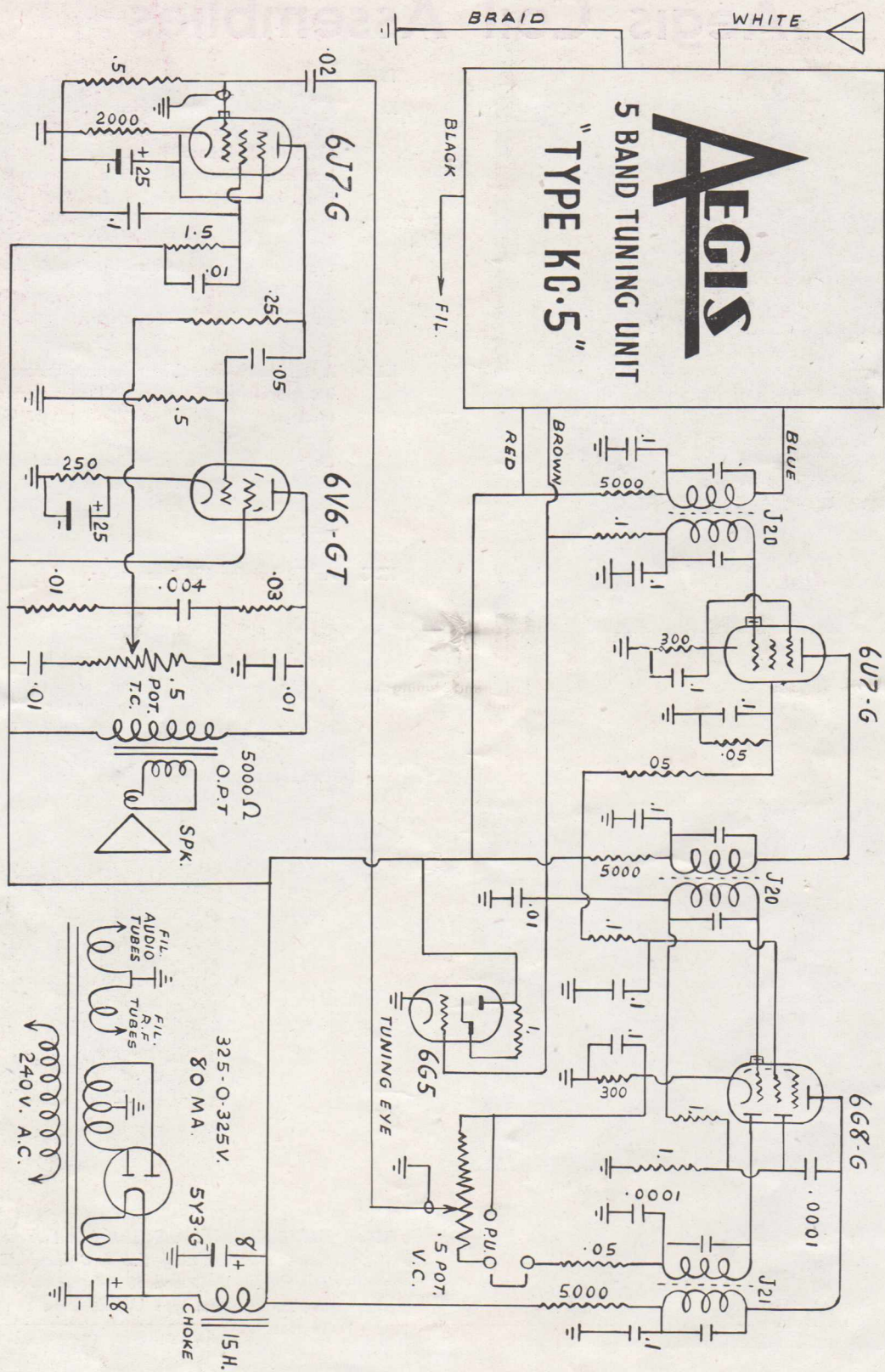
Only five connections to make to feed into any 455 Kc. I.F. channel.

Gold letter station transfers for all Australian broadcast stations supplied.



AEGIS MANUFACTURING COMPANY PTY. LTD.

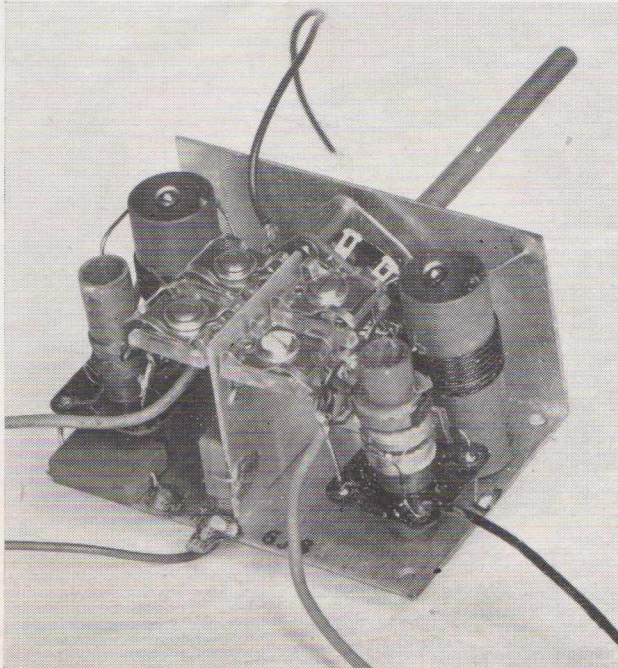
AEGIS for Supremacy



208 LITTLE LONSDALE STREET, MELBOURNE

AEGIS for Popularity

Aegis Coil Assemblies



K1

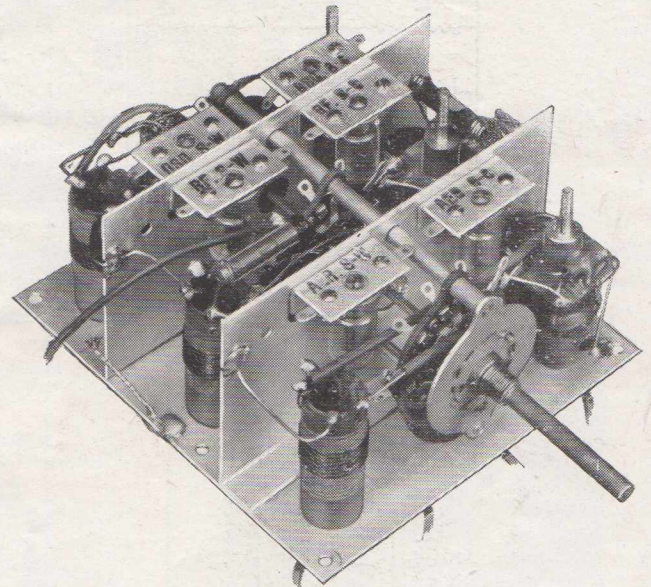
TYPE

K1 A dual wave assembly incorporating permeability tuned aerial and osc. coils for B/C (550-1600 Kc.) and S/W (7-23 Mc.). Trimmers and padder (fixed) condensers fitted. Iron core adjustment is made from above chassis (trimmers from beneath). Suitable for "H" and "AWA" gang. Measurements: $2\frac{1}{2}$ " long, $3\frac{3}{4}$ " wide, $1\frac{7}{8}$ " high. Available for converters 6J8, 6A8, ECH35, EK2, 1C6, 1R5. "Oak" type switch built in with 3 " long x $\frac{1}{4}$ " shaft.

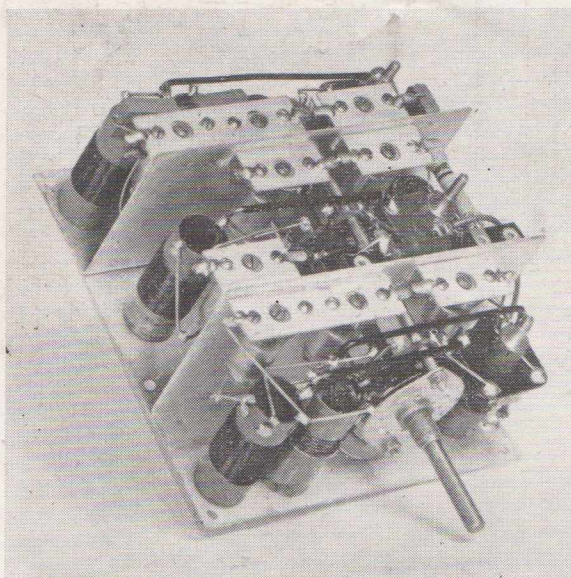
K1-S As K1 but for 6SA7 converter.

K2 A dual wave assembly with same coverage as K1 type and incorporating R.F. stage. All coils permeability tuned and matched for "AWA" and "H" gangs. Constructed on sub-chassis measuring $5\frac{3}{4}$ " long, $2\frac{7}{8}$ " high, $5\frac{1}{2}$ " wide. Concentric air trimmers fitted, also fixed capacity padders. S/W core adjustment from above chassis, B/C core and trimmer adjustment from beneath chassis. "Oak" switch shaft, $1\frac{3}{4}$ " long x $\frac{1}{4}$ " dia.

K2-S As K2 but for 6SA7 converter.



K2



K3

TYPE

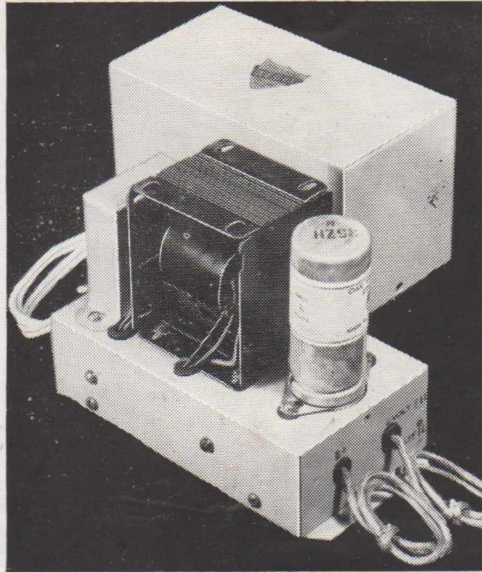
K3 This triple wave coil assembly incorporates permeability tuned coils covering the B/C band (550-1600 Kc.) and S/W bands 13-42 and 40-110 metres. Physical details same as K2. Efco dial type USL46, three band A.W.A. available to match.

K3-S As K3 but for 6SA7 converter.

AEGIS MANUFACTURING COMPANY PTY. LTD.

AEGIS for Super-Quality

Aegis Vibrator Units



These units are constructed on a small chassis, complete with base and top cover. When assembled measures $6\frac{1}{4}''$ x $3\frac{3}{8}''$ x $5\frac{1}{8}''$. Incorporates "Oak" vibrator, H.T. & L.T. filter chokes and condensers. Finished in grey lacquer.

TYPE

VP1 6 volts input, 150 volts 15 m/a output.

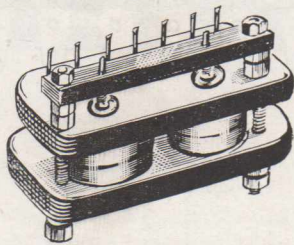
VP1A 6 volts input, 250 volts 50 m/a output.

VP2 12 volts input, 150 volts 15 m/a output.

VP2A 12 volts input, 250 volts 50 m/a output.

Special units with reversed input, and/or B— raised above earth, available to order.

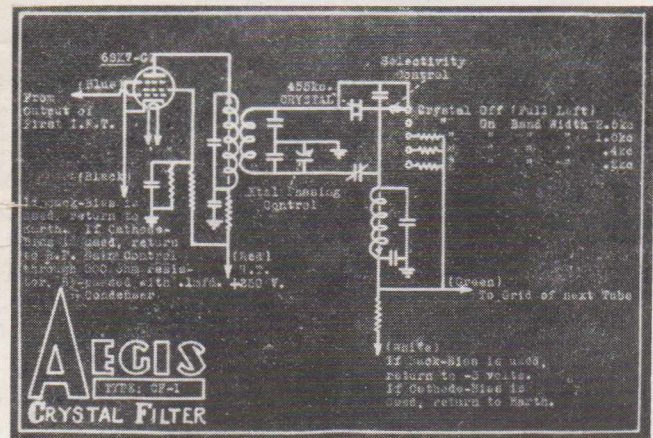
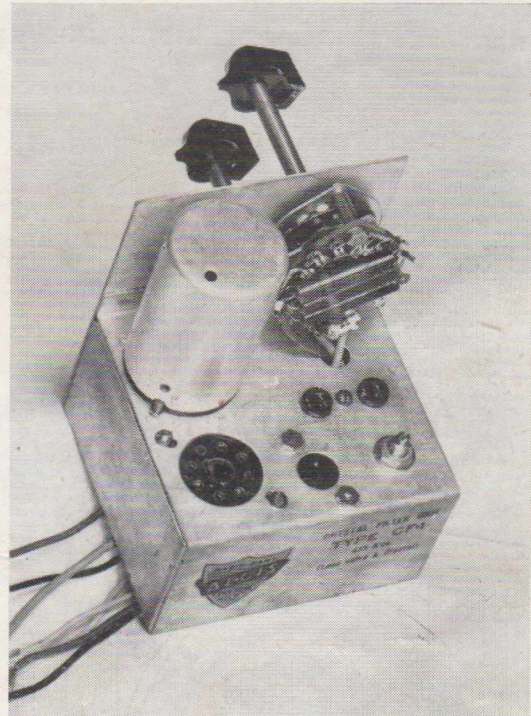
Aegis Midget B/C Unit



AEGIS BROADCAST COIL ASSEMBLY—TYPE K.6

Complete unit measures only $\frac{3}{8}''$ in. x $1\frac{1}{2}''$ in. x $1\frac{5}{16}''$ in. high, and requires two $\frac{3}{8}''$ in. mounting holes spaced $1\frac{1}{2}''$ in. It may be mounted in any position, either above or below chassis. Both coils have fully adjustable, high quality, powdered iron cores and pots; the aerial coil being litz wound to further ensure a high Q-factor. Low impedance aerial primary coil makes unit especially adaptable to car and/or house radio receivers using short aeriials. Seven brass pins firmly set in $\frac{3}{16}''$ in. bakelite ensure positive, long-lasting soldering points to coils. 450 pf. fixed padder used in conjunction with gangs of 410-430 pf. maximum capacity. Two standard units available for 6BE6 Miniature seven pin, and 6AN7 Innoval nine pin Converters. Others available on special request. Complete diagram and connections code furnished with each unit.

Aegis Crystal Filter Units



TYPE

CF/1 Built on a small cadmium plated chassis measuring $3\frac{1}{2}''$ x $3\frac{1}{2}''$ x $2''$ with a front panel $4''$ x $3\frac{1}{2}''$ which carries phasing condenser and selectivity switch, enabling the selection of five degrees of selectivity. Incorporates a socket for valve type 6SK7GT, input and output coils, and all relative components. Supplied less crystal and valve.

208 LITTLE LONSDALE STREET, MELBOURNE

AEGIS for Efficiency

Aegis Chassis

TYPE

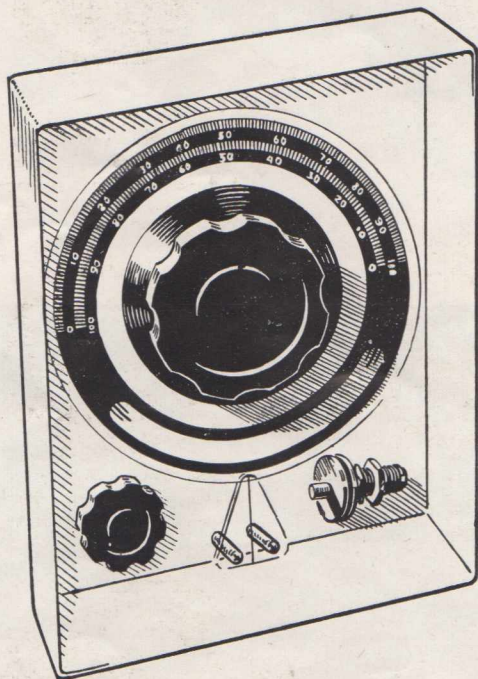
CH1 5-valve Console (punched for K1 coil assembly). Suits Connoisseur circuit.

CH2 6/7-valve Console (punched for K2 coil assembly). Suit Connoisseur circuit.

CH3 5-valve Mantel, suitable 5" speaker (punched for K1 coil assembly).

All Chassis Heavily Cadmium Plated.

Aegis Dials

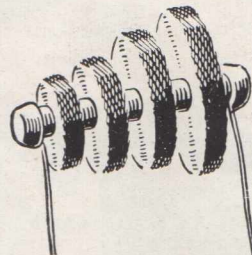


TYPE

R5 Vernier driven 5-in. heavy brass plate, calibrated silver on black background, 0-100, 100-0. Perspex cursor and brass spacers, screws, nuts. Suitable modulated oscillator, etc.

R5B Similar R5. Calibrations: black on silver.

Aegis Radio Frequency Chokes



TYPE

C1 4 Pys of equal turns.

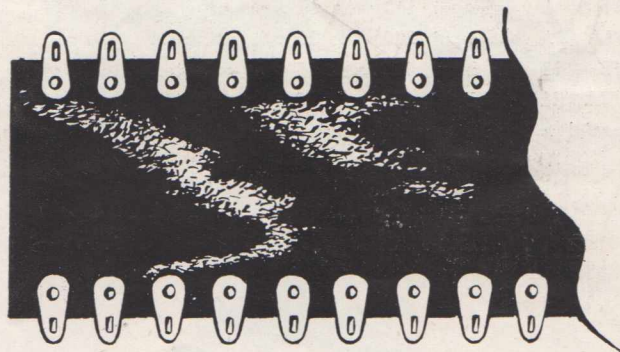
C2 1 Pye.

C3 4 Pys of unequal turns (tapered).

These units are wound on ceramic rod with pigtail ends (similar to one-watt resistors). Inductance: 2.5 milli-henries.

NOTE.—R.F. chokes are available to any inductance or specification supplied.

Aegis Resistor Strips



TYPE

S1 12" x 2½", 24 lugs each side.

S2 12" x ¾", 24 lugs (double sided).

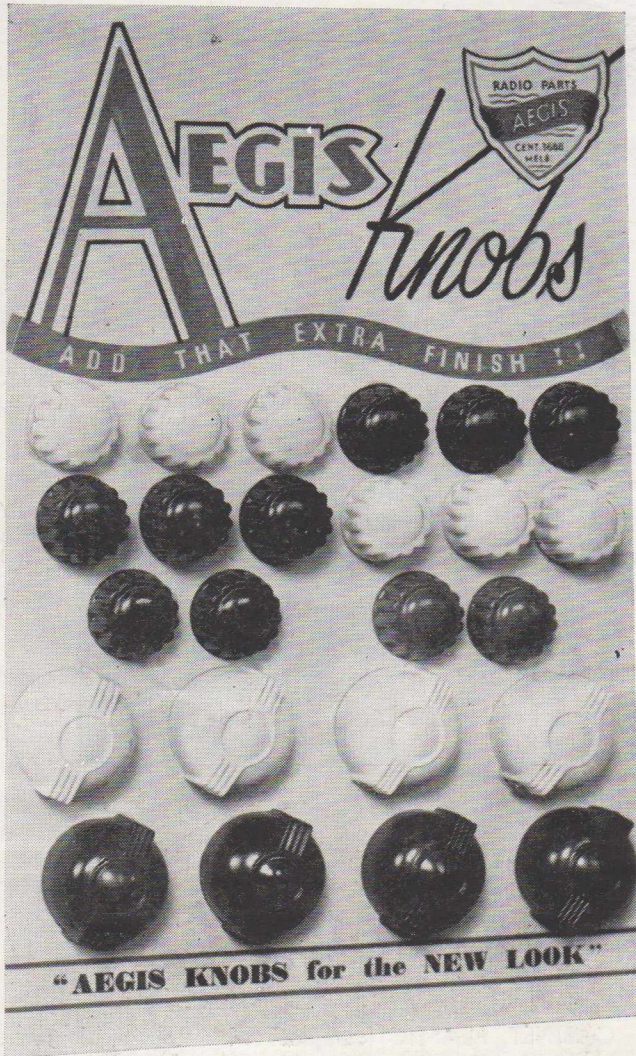
S3 12" x 2", 24 lugs each side.

S4 3½" x ¾", 6 lugs, single sided, two mounting feet.
(Best quality punching bakelite used, ⅛" thick.)

AEGIS MANUFACTURING COMPANY PTY. LTD.

AEGIS for Dependability

Aegis Carded Knobs



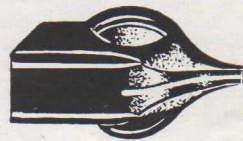
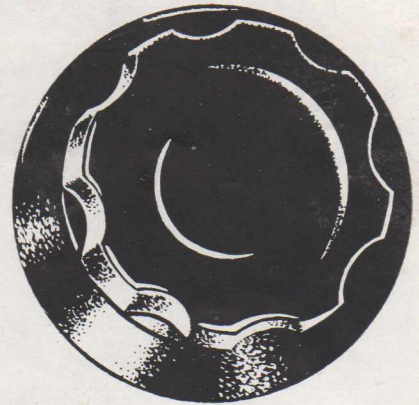
Tuning Knobs—carded. Twenty-four in all. Types MV6, MV5, MV4. Four assorted colours. Each card in cellophane bag. A real counter sales aid.

Aegis Tuning Knobs

TYPE

MV1/F—Large fluted knob with flange $2\frac{1}{2}$ " dia. 2 " x $\frac{5}{16}$ " grub screws tapped into brass insert. Available in $\frac{1}{4}$ " or $\frac{3}{8}$ " bore with detachable flange. 3" dia. Color: Black.

MV1—Same as above, less flange.



MV2—Pointer, $1\frac{1}{4}$ " long, $\frac{1}{4}$ " bore. Metal insert carrying screw $\frac{5}{32}$ ". Standard colors: Black, Cream, Red, Green.



TYPE

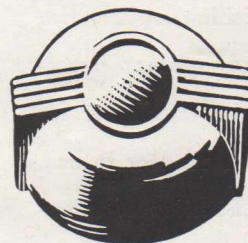
MV3—Smaller version of MV1, $1\frac{1}{8}$ " dia. Two $\frac{3}{32}$ " grub screws tapped into brass insert. $\frac{1}{4}$ " bore. No flange. Color: Black/Walnut, Cream.



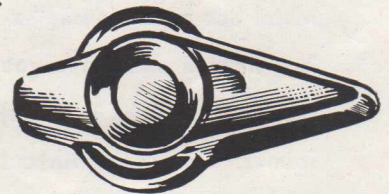
MV4—Small, finely fluted, $\frac{3}{4}$ " dia., $\frac{1}{4}$ " bore. Suitable mantel sets, $\frac{9}{16}$ " deep. Black and walnut, Ivory, Grey, Blue, Green, Red.



MV5—Similar MV4—only $\frac{7}{16}$ " deep. Available Black and Walnut, Ivory, Grey, Blue, Green, Red.



MV6 Tuning knob — Walnut, Ivory. 1" dia. Brass insert.



MV7—Heavy duty pointer, with brass insert. Supplied with or without colored button and complete with grub screw. Overall length, $1\frac{7}{8}$ "; maximum width, $\frac{13}{16}$ "; maximum height, $\frac{11}{16}$ "; $\frac{1}{4}$ " bore.

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AEGIS for Durability

Perfected by Aegis!

**EXTENSION
SPEAKER**

with
CONTROL!



It's so easy now to operate an Extension Speaker just to suit yourself . . . for this Aegis modern-design unit features Rola Speaker and remote control mechanism! Simply plug the lead into your set, and then you have the choice of operating the set as before . . . or with the Extension Speaker by itself . . . and both together if you want it!

Added to the fingertip convenience of the control-box is the smart plastic Speaker Cabinet, a typical Aegis product—acoustically correct; and, finally, a selection of beautiful colourings . . . See this latest Extension to the Aegis range NOW . . .

Extension Speaker Equipment

SBI CONTROL BOX (comp. with speaker transformer). Metal box measuring $3\frac{1}{8}''$ x $3\frac{3}{8}''$ x $1\frac{1}{2}''$ with mounting flange. Houses three position switch (for receiver-ext.-both facilities) and speaker transformer. Complete with output valve adaptor for 6V6GT, 6F6G, EL33A. Lead from adaptor to box, 16'' long. Terminal panel for connection of extension speaker leads. (Special types available for output valves not mentioned above.)

CABINET, PLASTIC (complete with Rola or Jenson 6'' Speaker), as ordered. Black, Cream or Walnut.

Featuring an attractive circular plastic cabinet with chrome feet and grill at front and rear. Houses 6'' speaker, LESS TRANSFORMER. Terminal block fitted to facilitate connection of leads.

CABINET ONLY (less speaker and terminal block). As above in Black, Cream or Walnut.

AEGIS MANUFACTURING COMPANY PTY. LTD.

AEGIS for Reliability

Aegis Intercom Extension Speakers

INSTALLATION ON FIVE (or More) VALVE RADIO ONLY

1. Switch radio off!
2. Place unit on or near radio cabinet.
3. Remove power amplifier valve (type listed on card), insert adaptor plug and re-insert valve.
4. Disconnect grid clip from first audio valve, and connect in series the cap and clip at the end of the twin-shielded wires. Make certain to earth to chassis the black earthing wire.
5. From another room, using sufficient length of twin cable, connect the Extension Speaker to the twisted orange wires through the solderless connecting block. It is highly important to have the Extension Speaker in another separate room to eliminate feed-back.
6. Now switch on radio and the unit is ready for operation.

OPERATION

For Radio-Extension Speaker operation, switch bottom knob to clockwise position (R). The upper left knob controls the speaker combinations, namely—both (B), Receiver (R), and Extension Speaker (X). With the latter knob in any position, switch the bottom knob to counter-clockwise position (C). Now the radio reception is automatically cut out and full communication and listening control over the next room is provided through this master unit. When wishing to talk to the next room, through the Extension Speaker, just turn the upper right knob to position (T), hold it there, and talk; release it to position (L) to listen.

Aegis Foundation Kits



These kits are useful for those who have sundry parts and desire to use them in circuits of their own design. All kits are packed in cartons and clearly labelled.

- FK2 Comprises new Bakelite cabinet, dial assembly and chassis similar to "Metropolis Four."
- FK2B Similar to FK2, but for "Rural Four."
- FK3 Similar to FK2 but with additional parts as follow: B/C, aerial and oscillator coils, I.F. transformers J9-J10, 40 m/a power transformer, Rola 5C speaker.

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AEGIS for Supremacy



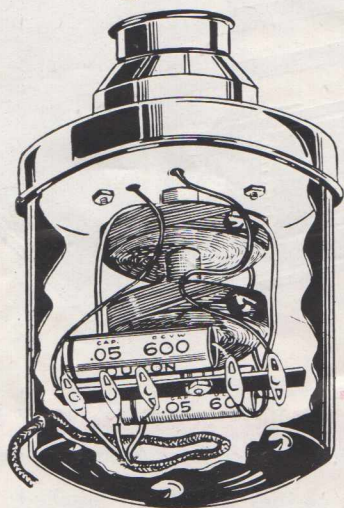
**MAKES ALL...
THE DIFFERENCE!**



THE
AEGIS Line Filter

Mains Filter

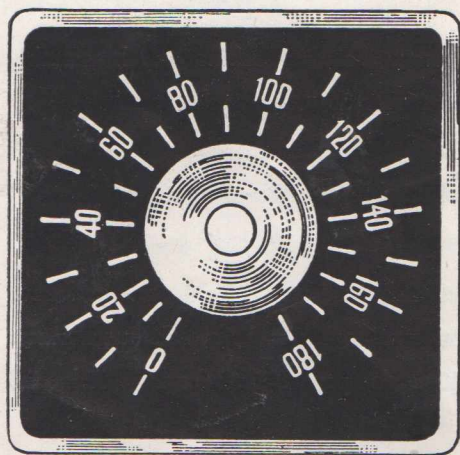
MFI Fitted in circular bakelite case. Complete with condensers, three-pin outlet socket and three-pin plug on inlet lead.



Aegis Indicator Plates

TYPE

- | | | | |
|-----|---|-----|--|
| IP1 | Aluminium, 2½" square, calibrated 0 - 180. Calibrations bright on black background. Suitable for amp. controls. | IP2 | As used on dials R5-R5B. 5" dia. heavy brass plate. Available with calibrations silver on black, or black on silver. |
| IP3 | Calibrated silver on black, 0-180; "Pick-up Volume." | IP4 | Calibrated silver on black, 0-180; "Microphone Volume." |
| IP5 | Calibrated silver on black, 0-180; "Pick-up Tone." | IP6 | Calibrated silver on black, 0-180; "Microphone Tone." |



- | | | | |
|-----|----------------------------|------|----------------------------|
| IP7 | Silver on black, "Output." | IP8 | Silver on black, "Tone." |
| IP9 | Silver on black, "Input." | IP10 | Silver on black, "Volume." |

Types IP7 to IP10 measure 1½" x ¾". Two 1/16" mounting holes.

Types IP3 to IP6 measure 2¾" x 2¼". 3/8" hole.

AEGIS MANUFACTURING COMPANY PTY. LTD.

AEGIS for Popularity

Aegis Ceramic Insulators

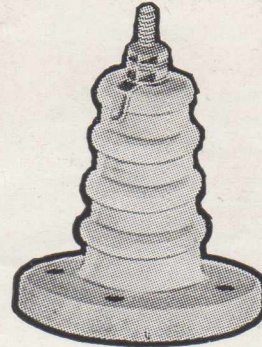
Ceramic of the greatest tensile and highest di-electric strength is used in the manufacture of these insulators. Metal lead-through rods, nuts, washers are nickel plated.



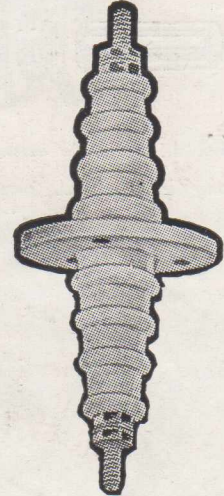
Type
S12—Stand-off type, $1\frac{3}{4}$ " high (inc. terminal). Oval base measuring $1\frac{3}{8}$ " x $\frac{7}{8}$ ". Two mounting holes.



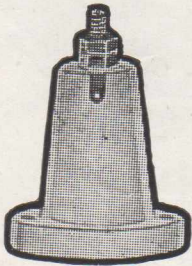
Type
S12A—Stand-off type. Ceramic pillar same as S12. Banana socket replaces terminal.



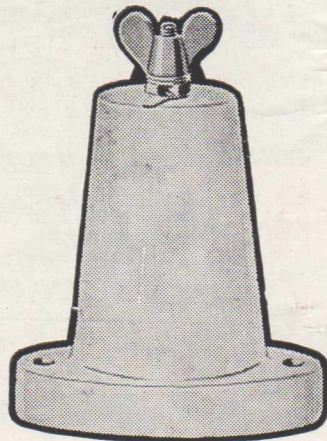
Type
BH2—Stand-off type. $2\frac{1}{2}$ " high (inc. terminal). Circular base, $2\frac{1}{8}$ " dia. Four mounting holes. Popularly known as "Beehive," due to shape.



Type
GT2—A feed-through type. Suitable for thin partitions, etc. One piece with $1\frac{3}{4}$ " flange at centre. Three mounting holes. Overall length, $4\frac{3}{4}$ ". Tapering surfaces corrugated to increase leakage path.



Type
S13—Stand-off type, $2\frac{1}{4}$ " high (in. terminal). Oval base measuring $1\frac{3}{4}$ " x $1\frac{1}{8}$ ".



Type
S14—Stand-off type, $3\frac{5}{8}$ " high (inc. wing nut). Oval base measuring $2\frac{7}{8}$ " x 2". Two mounting holes.

Aegis Ceramic Sockets

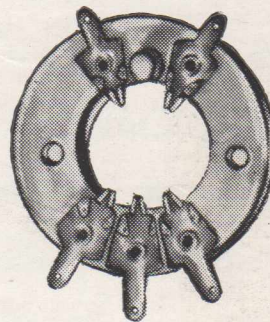


Type FT1—
Feed-through type. In two sections, complete with cork gaskets. Overall length, $1\frac{7}{8}$ " x $\frac{5}{8}$ " dia. tapering to $\frac{1}{8}$ ".

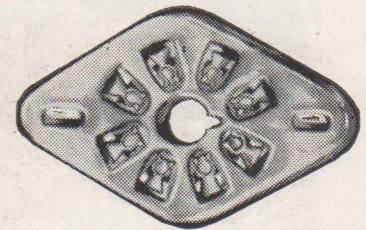


Type FT2—
As FT1 but overall length $2\frac{5}{8}$ ". $1\frac{3}{8}$ " dia., tapering to $\frac{1}{2}$ ".

Type
FT4—As FT1 but overall length $3\frac{1}{2}$ ". 1" dia., tapering to $\frac{1}{2}$ ".



Ceramic Acorn Valve Socket. Silver-plated contacts. $1\frac{7}{8}$ " dia.



Ceramic Octal Valve Socket. Silver-plated contacts.

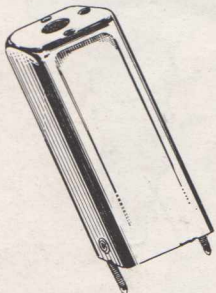
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AEGIS for Super-Quality

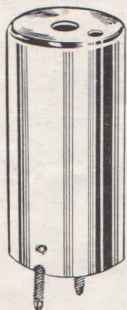
Aegis Miscellaneous Components



Dial drive spindle assembly, $\frac{1}{4}$ ". Spindle, $1\frac{3}{4}$ " long; $\frac{3}{8}$ " dia. bush, complete with nut. Completely assembled with circlips.

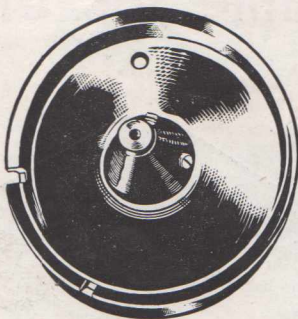


Cans, I.F., aluminium, $2\frac{5}{8}$ " high, $1\frac{1}{8}$ " square. Complete with eyebolts.



Cans, I.F., aluminium, 3" high, $1\frac{3}{8}$ " dia. Complete with eyebolts.

Cans, Coil, aluminium, $2\frac{1}{4}$ " high, $1\frac{3}{8}$ " dia. Complete with eyebolts.



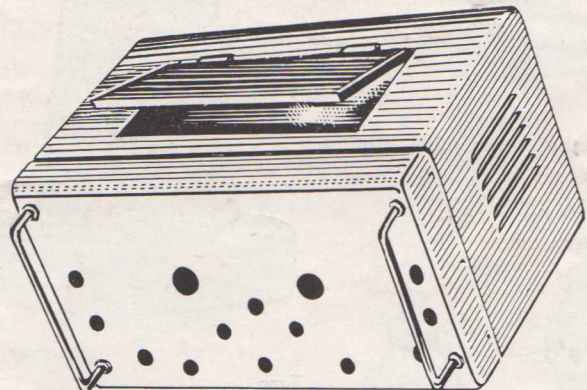
Dial Drum, bakelite. 3" dia. Complete with two $\frac{3}{32}$ " Grub screws in brass bush.



Dial Drum, bakelite, 2" dia. Complete with $\frac{3}{32}$ " screw in nut.



Cabinet, bakelite. Size: 9" x 10" x 6"



Cabinet, Steel. Complete with front panel and chassis. Designed to house the tuning unit, type KC4. Finished in grey crackle and complete with nickel-plated handles. Front panel punched for controls, dial plate, etc. Will allow fitment of the Aegis Crystal Filter Unit, type CFI. Chassis punched for 9-valve receiver, including power supply. Overall dimensions: 17" wide, 12" deep, 10" high.



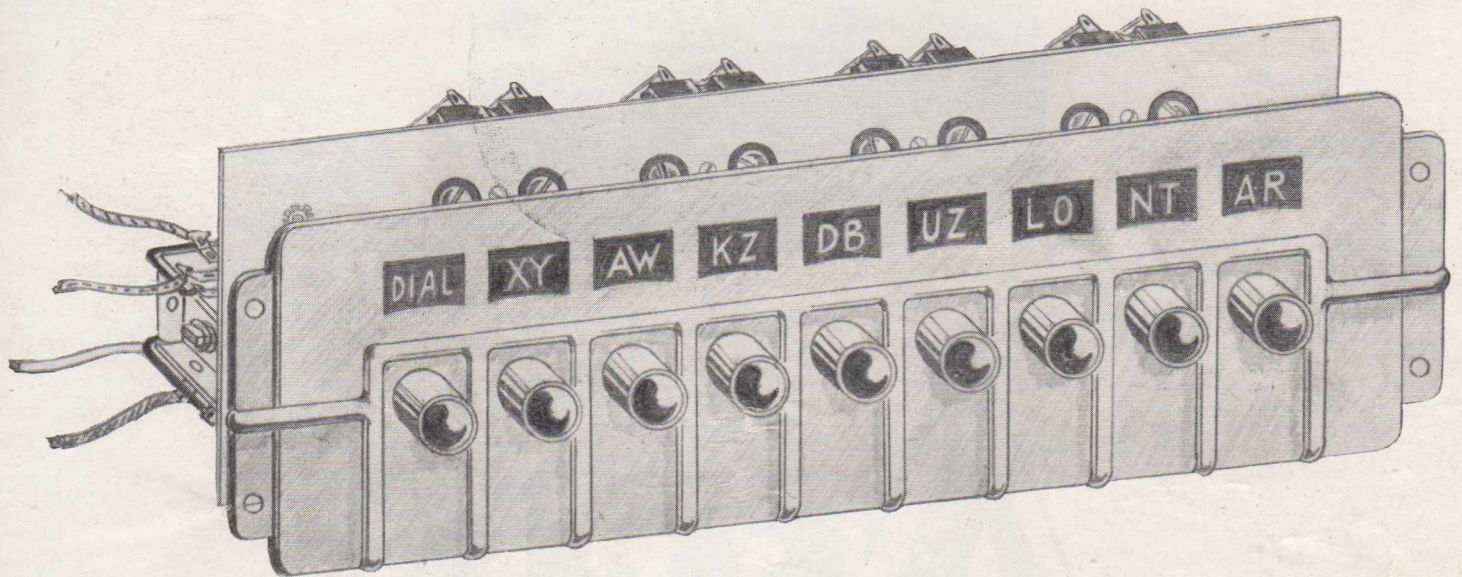
High Frequency Lacquer, suitable for impregnating coils (Trolitol). $1\frac{1}{2}$ -oz. bottles.

AEGIS MANUFACTURING COMPANY PTY. LTD.

AEGIS *for Efficiency*

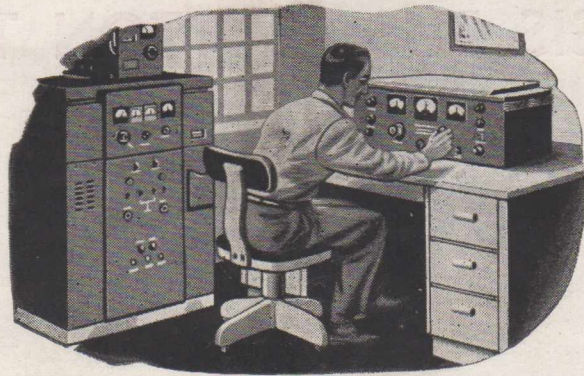
LAST, BUT NOT LEAST!

THE AEGIS PUSH-BUTTON TUNER



Now you can install a Push-button Tuner in any Super-Het. Receiver (employing a two gang), either A.C. or D.C. – quickly and easily. The Aegis Tuner, by pressing a button, automatically selects any one of eight stations – a “release” button returns the set to dial tuning. Each station-button incorporates an adjustable iron core, low drift, oscillator inductance, plus an aerial coil capacitance to cover the range of stations you choose within the Broadcast Band. Amazingly simple and easy to install – completely wired – only five wires to connect to your receiver. Unit is complete with attractive escutcheon, station letter sheet, and instructions.

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