

# GATES STUDIO REVIEW

GATES RADIO CO.

QUINCY, ILLINOIS

JULY, 1946.

## WEST MEMPHIS GETS CP FOR 990KC.

Our good friend Phil Back scores again as a result of receiving a CP for another station, this time in West Memphis, Ark. It is a 1KW on 990 KC and he will install a BC1E and a complete line of studio equipment. This is the third station Mr. Back has received the go ahead signal on, since VJ day. Congratulations are in order.

## KWHK, NEW STATION AT HUTCHINSON, KANSAS

Radio Station KWHK at Hutchinson, Kansas, received its CP and will go on the air on 1190KC with a Gates BC1E transmitter and associate equipment for a complete Gates station. Mr. Murray made a trip to Quincy to inspect the one kilowatt and various types of studio and audio equipment which are ordered for this station.

## OKLAHOMANS GET CP FOR PEORIA, ILL.

Edgar T. Bell and Governor Kerr of the State of Oklahoma will have a new station in Peoria, Ill., on 1350KC, doing business as the West Central Broadcasting Co. Mr. White visited the Gates factory and completed the details of the installation which includes a transmitter and all the necessary studio and recording equipment. Ted Giles of Peoria is in charge of the installation.

## THREE GRANTS TO MAYFIELD, KY.

Mayfield, Ky., received three grants for radio stations which ought to amply cover that territory. One of these is the 250 watt for Mayfield Broadcasting Co., Inc., the second grant that Pierce Lackey of WPAD Paducah, has received since VJ day. In addition to the 250C-1 transmitter he will have complete Gates recording and audio apparatus.

Mr. H. M. Suthard and P. M. Mullins head another company which has a grant for 1KW. They chose a BC1E and its various studio components.

The third grant is the Mayfield Messenger doing business as the Purchase Broadcasting Co. Its facilities will be 1KW on 910KC.

If you want to get rid of someone, just tell them something for their own good.

## 250 WATT FOR ONEIDA BROADCASTING

In the rich dairy land country of Wisconsin the Oneida Broadcasting Company at Rhinelander, Wisconsin, headed by John R. Tomek of Wassau, Wisconsin, will put his station on the air with a 250C-1 together with the Gates Console, recording and other associate equipment. His outlet will be 1240KC.

## GREAT FALLS, MONT., ON 1490KC.

E. B. Craney at Great Falls, Mont., has received his grant for a new station and will be heard on 1490KC with his Gates 250C-1 transmitter.

## PARAGOULD, ARKANSAS, ALSO ON 1490KC

Down South the new station of the Paragould Broadcasting Co. will also be heard on 1490KC. This station will have a complete 250 watt Gates installation which will be on the air sometime in the Fall.

## LEWISBURG, TENN., GETS 250 WATT CP

James Murray of Lewisburg, Tenn., the man whose farm is famous for its horses, will have a new station on 1490KC, consisting of a complete Gates 250 watt installation. Interesting to note is the fact that Mr. Murray's nephew is connected with station WMFT, the newly Gates equipped station in Florence, Alabama.

## MANATEE BROADCASTING CO. GETS CP.

The town of Bradenton, in the western part of Florida, along Tampa Bay, between the famous towns of Sarasota and St. Petersburg, has received its CP for a new radio station. This is another outlet that is in the Specialty Distributing Co. territory through whom it has ordered a complete 250C-1 installation for its broadcasting purposes.

## NOTICE!

There will be no issue of the Studio Review for the month of August. However, all pictures and articles about your new station will be appreciated. Remember Gates company vacation dates will be August 24 to September 3.

## NEW EMPLOYEES ADDED TO GATES PERSONNEL.

In the office several new people have been added. Clinton Carter who recently



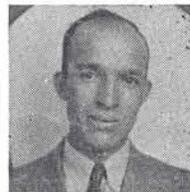
Clinton Carter

moved to Quincy from Indianapolis, Indiana, has taken over in the official capacity as service engineer. He has had a world of experience in radio, including testing and actual broadcast equipment manufacture. He will be the customers' representative, or, in plain words, the man who will be in everyone's hair in order to make us remember that customers' interests come first.

Clint has our best wishes and we know that the customers will be well taken care of.

## GEORGE THOMPSON

George will be remembered by many as our old friend who was with the Signal



Corps during the war, stationed in Quincy inspecting Gates equipment. He has come back in the capacity of inspector of equipment. George will re-

lieve Earl Sloan, Jr., who will devote his full time to development work on deluxe transmitters. Though originally from Wisconsin, the Thompsons are sold on Quincy.

## 250 WATT TO TWO OTHER SOUTHERN STATIONS

Over in Savannah, Carter Peterson has finally received his CP after going thru a hearing. He has ordered a complete 250 Watt installation for his station, which will operate on 1450KC.

## KUGN, EUGENE, OREGON

From KUGN, Eugene, Oregon, comes word that formal dedication of the new station took place Sunday, June 30th. They were more than pleased with the Gates equipment which included complete recording and transcription facilities.



Among the newcomers at Gates this month are quite a list of girls who are taking their places on the newly set up assembly lines on the third floor and in the main factory. Glenn Foster, who originally worked with Wally Freye on the smaller equipment assembly line is in charge of the new set-up on the third floor.

**Ethel Stockhecke, Thelma Phillips** and **Joan Booth** are the new girls and **Nellie Nichols** and **Ruth Manlove** were transferred from another line. **Ethel** formerly worked in one of the other factories in Quincy where heavy equipment was manufactured. Her work here is much lighter and she says much more interesting. She is quite an accomplished pianist, working at one time in a dance studio. **Thelma Phillips**, who for a short time lived across the river in Missouri, now hails Quincy as her home and is most enthusiastic about her work. **Joan Booth** lives in Camp Point and is one of the few Quincy girls who has passed her tests for a pilot's license. She "flies" back and forth but mostly parks her "Flyjopy" at the Quincy airport, so we've heard.

On Wally's line there are also several newcomers. Among them is **Arkansan Howard Decker** who is making his home in Quincy since his discharge from the army. Howie has had considerable experience with various types of radio equipment, but his main ambition now is to find a place to live (half a dozen other fellows working here have the same problem). **Betty East, Mildred Hull** and **Dorothy Pittman** are three more girls who have taken up radio work for their daily livelihood.

In the main factory **Johnnie Anderson** has acquired the help of **William Kelsall, Carl Grey,** and **Robert Bonness**. These men, all returned service men, acquired some experience in the service which is helping them now. They have been getting quite a workout on the CB4 desks that are lined up in the main factory.

Another new assembly line for smaller equipment, such as amplifiers, conditioners, etc., has been set up along the east wall of the main factory with **Donald Fontaine** in charge. The girls who are on this as-

sembly line are **Amelia George, Mary Scheiter** and **Lola Austin** together with **Bert Doane** who was formerly on the second floor line. It's up to them to get the associate items ready for the stations and have all completed by the time the transmitters are ready to go.

### ★ "LEW" EVANS

One of Gates' oldest and most responsible engineers, both in terms of current activities and past production is **Lewis P. Evans**. Evans, known to his associates and friends throughout the industry as "Lew", has been responsible for many of Gates' most important projects and developments.



**L. P. EVANS**

Mr. Evans was born in Chicago, Illinois, and attended the public schools of that city, and later attended the University of Illinois, and the Lewis Institute, graduating with a B. S. in E. E. in 1933. For five years he was engaged in the Radio Set, Appliance and Service Business in Chicago. Following this he was design engineer with one of the Chicago radio manufacturing concerns and quite prior to Pearl Harbor was developing automatic radio control for military aircraft, similar to that used in controlling the drone planes in recent atomic bomb tests.

At Gates Evans' first assignment was the development of an extremely compact and light weight frequency modulation transmitter monitor for servicing airborne transmitters. He had complete charge of the manufacture of 163 sets of truckborne aircraft dispatch equipment which contributed quite effectively to Rommel's run across Africa and later events on the continent. Subsequently Lew was in charge of manufacture of replacement, recording and transcription equipment for the British Broadcasting Corporation.

Never a man to be satisfied with the latest design, Lew has developed numerous innovations in the Gates line of broadcast turntables, both for recording and playback. His current model, the CB-11 Transcription Turntable, is being accepted by the broadcast trade with considerable acclaim.

Evans' outstanding characteristic is his quiet determination for perfection and he evidences this not only by normal work but by his frequent burning of midnight oil in the test lab.

Lew is a solid Quincy burgher, a home owner and happily married to a charming wife, **Eleanor**, and proud father of daughter, **Marianne**, and son **William**.

### ★ CONGRATULATIONS



**The Happy Bride and Groom, Robert and Charlotte Morrison Schuette.** Bob works in the main factory assembly line, Bob and Charlotte take this opportunity to thank all their friends at Gates for the gift. They had a good time in Chicago on their honeymoon even if it did rain all the time.

### ★ OUR SYMPATHY

To Mr. and Mrs. **James Havermale** and family, the Gates Company extends its sympathy on the death of their infant son.

★  
The fellow in the front office isn't boss any more than the man out in the shop. The boss is the man who buys what both of us work together to make.

★  
The teacher was talking about the dolphin and its habits. "And, children", she said impressively, "just think, a single dolphin will have two thousand baby dolphins". "Goodness", exclaimed a little girl, "how many do you think the married ones will have?"



Ouch! that sunburn hurts. Boy, d.d I have a time over the Fourth! Yeah . . . . we went fishin' . . . . we went boatin' on the Mississippi . . . . no! you did . . . . cleaned house . . . . swimming . . . . where, —Wentura's private spot . . . . you did . . . of course you have heard about "Faraway Farm" where the Wenturas enjoy the country peace and quiet and Francis' special "boudoir" "The After Ten Down The Creek Secluded Spot" where with Old Dutch, Vel, Dreft, Oxydol and Swan he takes his daily shower and keeps his luxuriant locks clean and wavy . . . . we will all be up and surprise you some nite, "Francois" . . . . which reminds us that Johnnie Bower has "one" ambition . . . . to go on a fishin' trip . . . . did you do it while your wife was gone, or is it more fun to dream of those big ones you'll catch, Johnnie? . . . . Bob Schutte was married, obtained a new car and an apartment all in the same week, what have you got that gets, Bob? . . . . we are trying to figure out how Nibs gets into those CB4 desks, he says the records they play while testing them are such he is afraid they will put him to sleep and we'll find him at 5:30 some evening curled up like a racoon in a tree . . . . snugfit too . . . . his request for records include "Hey Babariba", "Shoo Fly Pie", "One Zy Two Zy" or even "Laughing on the Outside", which would be more work stimulating than the dreamy waltzes and serenades . . . . they are for spooning in the moonlight . . . . with the new assembly line downstairs Sally has so much competition she even gets lonesome, even Snuffy has deserted her . . . . what about her Friday nite date . . . . Wally's off his sandwich diet now that his wife is back home; he really was getting to look bad, but he is now his old chipper self again . . . . Don Hubbard, Johnnie Bowers, and P. S. due to similar circumstances—wives on vacation—had a sandwich session . . . . Peachy Thompson and Pauline Yager insist they are going to Maryland for their va-

cation to ride the horses. There are horses in Quincy, are they the wrong kind? . . . . Elma McNay has acquired the title of champion, seems she goes fishing every nite, is it so soothing to the nerves to sit under the tree with one's line in the water, watching the cork bobble . . . . did you see that sizzling hunk of man on the third floor assembly line, none other than Glenn, we thought the gals were the only ones who were so foolish as to lay out in the sun and get half baked—even his shirt was smoking—we thought he was cute, even without the sunburn . . . . did you know that Jim's ball team has not won a single game—but he is still hoping; that's okay, Jim, the Gems aren't doing much better . . . . wanted by the second floor, a spray apron. It's alright for Wally to remove his shirt when he gets it full of oil, and to run around in his Tee shirt, but Mary and Annie are not so fortunate when they get it on their blouses . . . . who overslept the morning he was to put his wife on the train—although they made it, the doors were already closed and the train ready to move . . . . who is waiting for rain some day—seems a certain "gentleman" promised to drive these girls up the hill if it rained—they are waiting . . . . in vain we bet . . . . Fred Damn is happy these days since his transmitter has been okayed . . . . Gladys is searching the lingerie counters for some little black numbers since she had that accident with her slacks the other day—they do rip, you know . . . . Dottie's troubles lately seem to be she is always saying goodbye to someone . . . . did you know you have to wear gloves and apron and wipe your feet off to look at Johnny's new Oldsmobile—it would be just too, too dirty if finger prints and nasty old grease got on his super deluxe 1946 model . . . . Ray and Kennie go bunny hunting several nites a week—they're such good shots, their motto is "just one more" . . . . Annie was quite put out because the baker shop would not sell her some doughnuts after she had promised the gals a treat, and she could see the clerks working and the luscious doughnuts stacked up inside . . . . who was the little white haired grandma out with the machine shop "Romeo" . . . . Hushie's one and only on lonely Attu Island expects to be home soon—wait till he's been there three years, Nelda . . . . since Gates' newest watchword is "let's get it to the customer", when one of the boys was sick last week one of the bosses pitched in and really turned out some work in the packing de-

partment . . . . one of the newest records acclaimed to be the comedy hit of the year is "Josephine, Please No Lean on the Bell", should it not be here at Gates "Dorothy, please ring that Bell"? It's time to leave now . . . . from rest period or from work? . . . .

★  
Abe Lincoln was once asked to give his definition of the word tact. "Well", he replied thoughtfully, "I guess you might call it the ability to describe others as they see themselves."

★  
Happiness you can bring rarely; joy sometimes; help always.

★  
Everyone knows something worse about himself than anyone can tell him.

★  
There is no cosmetic for beauty like happiness.

★  
Mail girl: Miss, you have put too much postage on this letter.

★  
New Steno: Heavens, I hope it won't go too far.

★  
Laundryman: I don't see anything wrong with this piece of lace.

Nelda: Lace, that was my sheet.

★  
Shade: See this pin. It used to belong to a millionaire.

Dottie: And just who is the millionaire?

Shade: Woolworth.



"I know you can't hear me very well, sir, but there's been a little trouble at this end."

Courtesy of Radio-Craft Magazine.

## MONTHLY EDITORIAL

During the past six months we at Gates have been called upon to supply a vast amount of broadcasting equipment to stations of all sizes. In each instance where this station is new we are confronted with the expectation or desire of the new station owners or management to get on the air in nothing flat, which is naturally a characteristic of all of us.

We can readily realize the desire of all to start operations as soon as possible and there are many factors that make this desirable. For example, in some cities more than one radio station have been granted CP's simultaneously. In other instances advertising contracts are cued to start at a certain date. In other cases there has been long waiting during the war for the new station or a fair period of waiting for the CP to come through. Actually, some stations hoped to get on the air months ago but were held up because of a hearing. So when the green light is flashed it is usually the signal to "pour it on" to get on the air.

In recent weeks we know of two new broadcasters that actually started construction on a sight which had not been approved when construction was begun. More dangerous tho' are the many stations which employ the people and tell them to come to work on a certain date only to find on that date some vital piece of equipment is not on hand so operations could not begin.

We do not discourage good old friendly expediting nor ambition to move with some degree of speed. We, however, do feel that a note of warning should be sounded to save some of both our and our competitors' customers from unwarranted expense. First, hire the personnel for your new station to report for work when the equipment is on hand. If such procedure is not possible, set a date that is far enough ahead. Suppose that Gates made a promise to get all equipment necessary for broadcasting to you in 90 days, this would indicate that we would ship the merchandise in 90 days.

But assume we missed by only ten days, which is not too bad in these times, there is still another point to consider. Broadcasting equipment of this nature is shipped freight because of the weight, which means another two or three weeks additional time, depending on the distance from the fac-

tory. The average result is another twenty to thirty days beyond the original 90 days. If you have hired people to come to work in 90 days you will have actually had them in your employ a month too soon.

Production at Gates is improving every day, which means that deliveries are also getting better, however, we are still at the mercy of our suppliers, that is, if one of our suppliers promises an August 1st delivery and does not deliver until August 15th we can only move our delivery schedule back those 15 days even tho we have enlarged our expediting department.

May we suggest that even tho we estimate and make statements in all sincerity, and the same is certainly true of our competitors, that we will meet a specified delivery date, our statements may later prove to be in error for many reasons, usually unforeseen. Until the day when we can work from stock piles instead of delivery promises from our suppliers, we will continue to make some errors in shipping schedules. However, you can profit by making allowances in your plans. In the meantime we will continue to use every effort to further speed up deliveries, since it is Gates' aim to give you the best service possible.



Did your husband get hurt badly when he was hit by that car, Liza?"

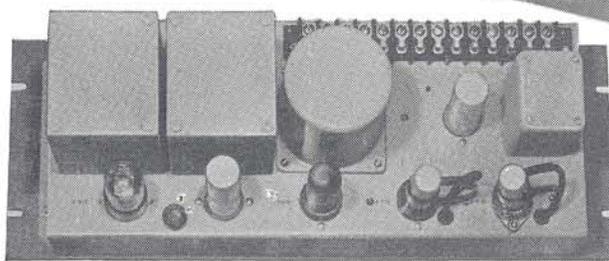
"Yassah, he suffered from conclusion of the brain."

"You mean concussion of the brain, don't you Liza?"

"No suh, I mean conclusion — he's daid."



## MO-2694 Line Amplifier



One of the latest additions to the Gates line of equipment is the newly designed line amplifier designated the MO-2694. This amplifier will satis-

fy modern day high quality fidelity requirements of both AV and FM. It has a most versatile termination arrangement and excellent technical qualifications besides a very up-to-date appearance, which is sure to find favor with any installation. It is constructed so that it can be easily mounted in any cabinet designed to take nineteen inch panels with standard drilling.

The MO-2694 is designed to provide an output level of plus 15VU over a frequency range of thirty to fifteen thousand cycles. The noise level, although somewhat dependent on input level, is minus forty decibels absolute or better. Distortion is one per cent, or lower at output levels approximating plus twenty-five VU, which makes possible taking advantage of the high signal to noise ratio (sixty decibels) at that output. Input levels may be as high as minus ten VU but attenuation circuits should be inserted in the line if higher input levels are to be used.

### SPECIFICATIONS

Tube complement—  
 One 6J7 (triode connected)  
 One 6J7 (pentode connected)  
 One 6F6 (pentode connected)  
 One 6x5 (rectifier)  
 Fidelity—30 to 15,000 cycles.  
 Distortion—Less than 1% at an output level of plus 25 VU.  
 Noise and Hum—40 decibels absolute below a reference level of .001 watt in a 600 ohm circuit. 65 decibels below an output level of plus 25 VU, 55 decibels below an output level of plus 15 VU.  
 Input Level—Minus 10 VU or below for distortion of less than 1%.  
 Gain—approximately 60 decibels.  
 Input Impedance—Any impedance from 30 to 500 ohms available on the terminal strip.  
 Output Impedances—250 to 500 ohms.  
 Power Consumption—60 watts approximately.  
 Power Source—115 Volts, 60 Cycles.  
 Dimensions—7 inches high, 7 inches deep, 19 inches wide.  
 Weight—24 lbs. net, 28 lbs. packed for domestic shipment; 45 lbs. (approximate) packed for export.

## GATES ANNOUNCES NEW TRANSCRIPTION TURNTABLES

All Gates turntables, including the CB7B, CB10 and the CB4 desk combinations along with chassis units, are now appearing in a new dress. The up-to-the-minute Gates CB11 chassis designed by Lew Evans of Gates Engineering Department is the latest model. Changes, which are not immediately recognized, have been brought about by research with gratifying results. These innovations have greatly refined the operation and servicability and brought a great reduction in rumble and tone variation. It was found that the main casting which is made of high grade aluminum played a great part in vibration. By adding more weight at certain points and relieving surface tension it was found that the playback could be free of self-generated noises.

Regarding the other features the motor is of the synchronous type especially mounted on four soft rubber Lord mounts. The inside pair of rubber drive wheels are designed by Goodyear, where again research played a big part in the degree of shore hardness for proper tension, wear and noise reduction. Each bearing used is of the Chrysler Oilite type making an extremely free running unit and eliminating oiling necessity on most parts previously requiring much attention. Most important is the drive and speed change system. Tension between the motor, rubber idler wheel and the inside rim of the table is by spring rather than manual or frictional. This makes it impossible to operate the table in other than the same condition at all times. The speed change from 33 $\frac{1}{3}$  to 78 R.P.M. is made by means of a simple lever so designed and located that the operator when ready to use the turntable, moves the lever and turns on the motor in one and the same operation.

Among the first turntables of the new type CB11 herein mentioned were four units supplied to the Universal Recording Laboratories of Chicago who are under contract with the American Broadcasting Company for transcribed rebroadcasts of many east-west shows delayed by cause of daylight savings. These units are sending about 50 quarter hour shows daily to stations over the entire ABC network. Operations as checked by Mr. Evans only recently indicated results were of the best.



The darkest night that ever fell on earth never put out the stars.

## SNOW WHITE AND THE THREE DWARFS

"Whistle while you work, oh whistle while you work", yes that is the theme of the drafting department. Any time you go through this part of the plant you can hear the three "dwarfs" humming and whistling, "Doc" Young, "Bashful" McKeown, and "Sleepy" Bolt. There have been long and varied discussions about which comes first, the drawing or the transmitter, but we do know that without these boys the amount of Gates equipment that is constantly coming off the assembly lines since V-J Day would be much less. They make the plans, schematics and the layouts for the factory. They spend long hours drawing lines, rings, and, in just plain English, little "jiggers". A record is kept of all the prints that are made of the equipment and the group is doing all possible to see that this file is most complete. During the war and the change to War Production some of the older drawings were lost or misplaced. However, all of these are being replaced wherever possible, and the new filing system of this department will help to save these records for posterity.

Howard Young, who is in charge of this department, has had much experience in the drawing of schematics and diagrams for electronic equipment. Jim McKeown, who recently returned from overseas, Roger Bolt, and Elizabeth Beck, who has charge of the blueprint machine and filing the prints, are his right hand helpers and a most conscientious group of workers. At

Two other Southern gentlemen have received a CP for a station at Fitzgerald, Georgia. They are Paul Stone and R. M. Ware, Jr., who have ordered a Gates 250C and all associate equipment. This station will broadcast on 1240KC.



## THREE NEW IDAHO GRANTS GET GATES TRANSMITTERS

The new grants at Twin Falls, Boise, and Pocatello, Idaho all have Gates 250C-1 for their studio facilities. Frank Carman, who ably manages and is one of the owners of the 5KW at KUTA, Salt Lake City, is active in the promotion of these three stations, which expect to be on the air in the fall.

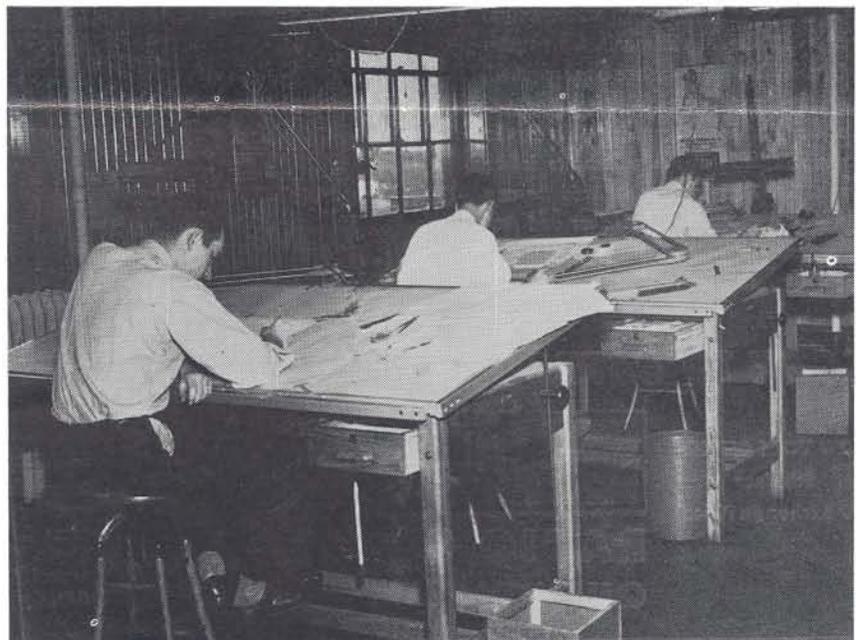


HUNTINGDON, PA., gets 250 Watter. John Biddle, of the Huntingdon Daily News of Huntingdon, Pa., has ordered a complete Gates installation for his station and hopes to get on the air this fall. His call letters are WHUN, which will be heard on 1400KC.



On June 26 WMGY at Montgomery, Alabama, went on the air. This outlet is managed by Leland Childs and Thomas W. Sewell, with John Lamar as chief engineer. This station has a complete Gates 1KW installation and can be heard on 800KC.

least their good nature and work keep the engineering and drafting room from getting dull and also keep the bunch in good humor—which is a man-sized job.



Seated (from left to right) Howard Young, Jim McKeown and Roger Bolt and Snow White the Pin-Up Gal.



for Modern **REMOTE** Broadcasting..

YOU'RE RIGHT ON THE SPOT WITH  
**GATES** FOR THOSE SPECIAL EVENTS!

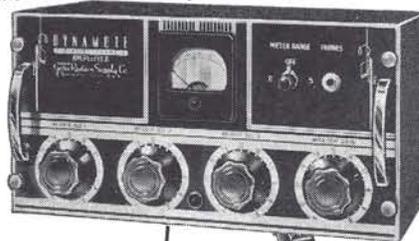
For showmanship, efficiency, portability and compactness, these GATES Units forearm you for dependable broadcasting from right on the spot, where you must move fast, for those special events programs. They're the keynote in your success.



*The* **NEW FOURSOME**  
**REMOTE**  
**AMPLIFIER**

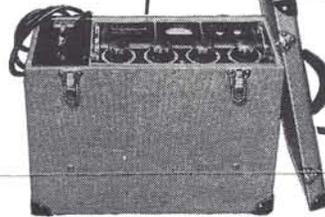
Completely assembles  
in rugged, handy  
Carrying Case as  
shown

A new development, and one that is bidding strongly for first place in popularity with the Dynamote is the new Foursome. It consists of three major units, a 4-channel Mixer, Amplifier and Power Supply that all fit into a trim, sturdy carrying case. The Mixer has two stages of amplification whose output plugs into the amplifier unit. On remotes where the four mixer feature is not required, just take the amplifier and power supply. A standard Cannon microphone plug fits the same receptacle as is used for the Joiner cable. The Foursome can be used for any job—large or small. Size: Mixer and Amplifier each approximately 12 in. long, 7 in. high, 4 in. wide.



*The* **DYNAMOTE**  
**REMOTE**  
**AMPLIFIER**

This is the most popular Unit in the line of Remote units. It is a 4-stage high gain Unit containing the mixing system, VU meter and all other circuits associated with the amplifying circuit. The power supply is a separate unit assuring maximum noise reduction. The front panel is so designed to make it adaptable to any operating condition. Both the amplifier and power unit supply fit into the airplane type carrying case that is weather resistant and ruggedly built to withstand hard usage. A false bottom is provided to house cable and extra equipment always needed in remote jobs: headphones, microphones, etc. Compactness is its keynote. Size 14½ in. long; 7 in. high, 8 in. deep.



*Dynamote and Power*  
*Supply in Carrying Case*

*The* **REMOTE**  
**CONDITIONER**

This Unit is a 3-stage Amplifier complete with power supply housed in one cabinet. This in itself is an accomplishment in

high quality in remote amplifier design, and is the result of diligent research and experimentation. Power supply is of the full wave transformer type. Hum reduction guaranteed to a low level of minus 55 Db. below program level. Its operation is extremely simple. The only controls are the on-and-off switch and the gain control. Compact and easily portable. Size 17 in. long, 7 in. high, 4 in. deep.

**LOOK TO GATES FOR LEADERSHIP**

NEW YORK OFFICE:  
9th Floor  
40 Exchange Place

**GATES**  
**RADIO CO.**  
**QUINCY, ILL.**

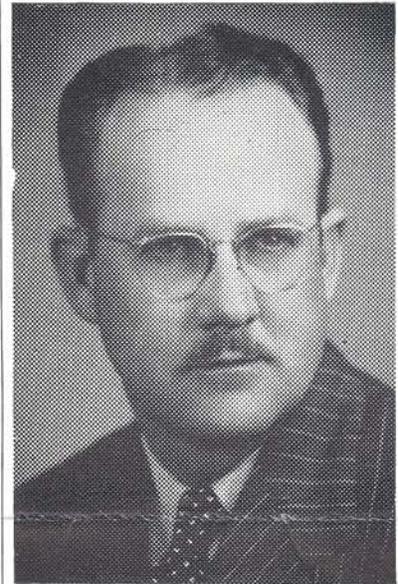
SOLD IN CANADA by:  
Canadian  
Marconi Co., Ltd.  
Montreal

EXCLUSIVE MANUFACTURERS OF RADIO TRANSMITTING EQUIPMENT... SINCE 1922

**MY DAY—"Apologies to Eleanor"**

8:00 A. M.—Start opening the mail.  
 8:07.....Phone rings....walk across aisle to answer....packing department wants instruction book for special job.  
 8:10.....back to mail.  
 8:15.....teletype starts dingling for GA signal to go ahead, receives ffive telegrams....deliver.  
 8:23.....back to mail.  
 8:25.....Clint wants correspondence on order so & so.  
 8:27.....back to mail....finishing it, I hope.  
 8:30.....phone rings....Pip wants correspondence on Joe Doake who wrote in '44 about transmitter he would buy....upstairs pronto....only 18 stairs.  
 8:35.....back to mail.  
 8:45.....phone rings.....stock room needs pencils from third floor supply room right away (are they kidding).  
 8:50.....Back to mail.  
 9:00.....teletype is off again....four more coming in....holy cats....have I delivered the others?....off to stockroom....to factory....up stairs to Pip....  
 9:15.....finish mail....collect all baskets....head for P. S. office upstairs.  
 9:20.....send telegrams for Petz who is hot on expediting.  
 9:35.....phone....packing dept...."where is instruction" book  
 9:46.....mimeograph department....need paper from third floor supply room for news letter.  
 9:50.....trip to third floor supply room for day's supplies (I hope)....  
 10:00.....Coffee Time....and rolls....rest, oh blessed couch.....  
 10:10.....collect all filing and start sorting it.  
 10:12.....phone....factory wants specifications for transformer used during war....oh, where did I put that?.....  
 10:15.....found, thank goodness! Down to factory, hunt engineer; he's upstairs in engineering room now....back up.....  
 10:18.....sit down at desk; gee that chair feels good.....  
 10:20.....phone, "mail is ready"....up to mez. floor and get those file boxes....hope I don't trip down those stairs.....back to desk.....now filing.  
 10:25.....phone rings....."Miss Gumdrop, I need a letter I wrote last week about delivery dates".....hunt begins.  
 10:30.....here are some telegrams to send.....and pronto.....  
 10:40.....phone....."instruction books ready?".....up to packing dept.  
 10:45.....now to my filing.  
 10:47.....phone....."say, I have a list of folders of radio stations I need rite away; will you come in and get the list?.....  
 11:00.....back to that file basket.....they sure wrote a lot of letters yesterday..... look at that stack of orders; Myers really had to struggle to get them entered in one day.....  
 11:15.....there goes that teletype again.....two more.....Grim gets one and another to P. S. in factory. 41 stairs—good hip exercise.....41 back up gee, an escalator would help.  
 11:20.....rest room.....nose shiny, feet buzzin' and beginning to puff, getting old.  
 11:26.....phone....grab for phone.....Myers grabs too, tussle.....four more rings .....that's my ring, Bud....."say, I need an invoice for some insulators we bought from some firm before the war.....who.....oh, some Chicago firm, I don't remember the name, starts with S I think.....and I need it before dinner.".....Up to obsolete files on third floor.....120 degrees in shade up there.....1941, not there.....1940, under S, here's one.  
 11:44.....phone rings, teletype rings.....and  
 11:45.....Dinner bell rings.....Oh Happy Day. ring them bells, ring them bells.  
 11:50.....lunch.....prayer....." Dear Lord, please make the telephones ring silently. the afternoon cool, and the four hours only seem like 60 minutes..... thank you, Lord!"  
 12:45 P. M.—Back to work....."say have you been home this morning, haven't seen you at your desk"....."been rest'ng some place this morning".....phone rings.....teletype begins to d'ngle.....afternoon begins.....

**ST. JOSEPH, MO.**



**PAUL ROSCOE, Gen. Mgr.**



**CHARLES WIESEMANN  
Chief Eng.**

St. Joseph, Mo., welcomed on June 7, 1946, the new station of KRES, managed by Paul Roscoe and having the very able services of Charlie Wiesemann as chief engineer. This station will be on the air eighteen hours daily, serving the whole St. Joseph area, and has a 250 watt transmitter which can be heard on 1230KC.



Aunt Hetty: Sakes alive! I didn't know any woman could ever be so fat.

Uncle Hiram: What are you reading now, Hetty?

Aunt Hetty: Why, this paper tells about an English woman that lost two thousand pounds.



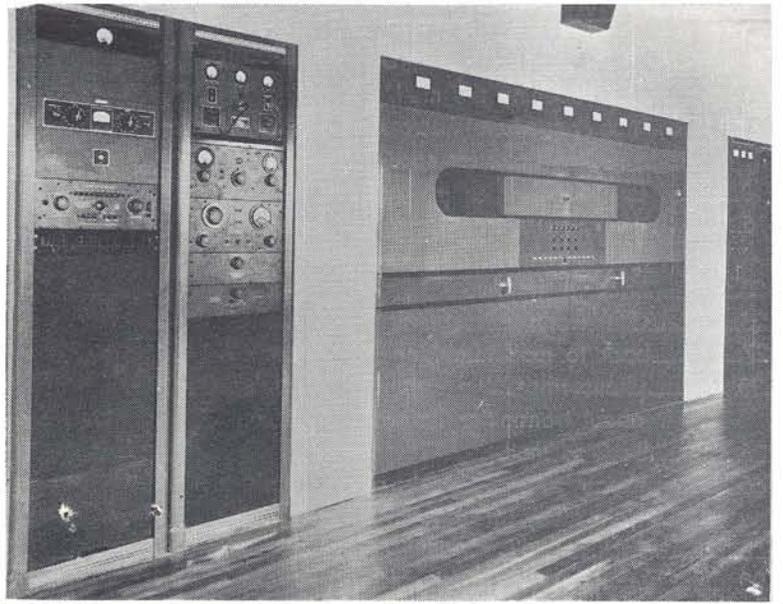
Write down the advice of him who loves you, though you like it not at present.

**K  
R  
E  
S**

**1  
2  
3  
0  
kc**

## MONROE, LA., CHANGES OVER TO 5KW.

On Monday morning, June 19, Radio Station KMLB pushed the buttons and went on the air with their new 5KW transmitter. The Liners entertained that evening in true Southern style in the Hotel Francis where a large group of friends and radio men availed themselves of the opportunity to partake of their Southern hospitality. From the Quincy office Mr. Joe Pippenger, head of the Sales Department, and Leslie Petery, the engineer in charge of designing the 5KW at Gates, had a most enjoyable time. From all reports this station should give excellent signal now. In fact it has been picked up on Quincy radios, which is quite a thing, considering the distance and local interference.



## VACATION TIME



Off to the mountains, where it is cool and clear,  
Away from the heat and the Quincy beer,  
Off to the north woods, thru the towering pines.  
Leaving this place and its dusty blinds,—  
Out to the seashore for a healthy tan  
Away from the bells and buzzing fans:  
Or maybe a rest in my own backyard,  
Away from the books and desk so hard:  
With a good new book and nice cold drink,  
And into that comfy chair I'll sink;  
I won't move an inch, just let time pass,  
Resting and sleeping on my little.....anatomy.



HERE'S  
YOUR  
GATES  
STUDIO  
REVIEW

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