

GATES STUDIO REVIEW

GATES RADIO COMPANY

QUINCY, ILLINOIS

APRIL, 1947

MACOMB, ILLINOIS TO HAVE NEW STATION

Station WKAI, Macomb, Illinois, is one of the newest 250 watt stations to be granted in central Illinois. This station, located only sixty miles from the Gates factory in a college town of 10,000 people, will soon go on the air with its 250C-1 transmitter and all new studio equipment.

Mr. James C. Bailey, an officer in the Macomb National Bank, and Lyle B. Landis, a radio engineer, who are natives of the town, are the principal owners.

"Jim" Bailey, so we are told, acquired the New England brogue through attending Dartmouth 'way up there in good old Hanover, N. H.



INDEPENDENCE, MISSOURI TO HAVE 1 KW STATION

One of the most recent applications to be reviewed by the FCC was that of the Blue Valley Company of Independence, Missouri. The CP was granted and as a result a complete Gates installation will be in the home town of President Truman.

Frank Fowler, A. Craig Siegfried, S. Cedric Siegfried, and Charles M. Siegfried comprise the partnership.

Mr. Fowler was a former railroad man and moved to Missouri not too long ago. The Siegfried brothers, two of whom served in the Army during World War II, are lifelong residents of Missouri. A. Craig Siegfried is owner of a printing and publishing business while S. Cedric and Charles M. Siegfried are connected with M. S. Siegfried Company, insurance and real estate loan business.

Their equipment will consist of a BC-1E, 1000 watt Gates transmitter, complete studio accessories consisting of CB4 desk, console, turntables, etc., Wincharger tower, plus miscellaneous transmitting equipment.

KHON — OREGON CITY, OREGON ON 1230 KC

KHON, the new station in Oregon City, Oregon, has set an early date for going on the air. The partnership known as the Clackamas Broadcasters is made up of John H. Fitzgibbon, a practicing physician of Oregon City who has long been interested in radio as a hobby; also, Roy Jarman who owns an automobile sales agency besides his radio interests; and Temple V. Ehmsen, a radio engineer who is also the Chief Engineer of the Portland Police Radio Bureau. This station which will be heard on 1230 KC will be equipped with a complete Gates installation, including a 250C-1 transmitter. The transcription department will have CB-10 turntables with associate amplifiers and miscellaneous items.

WESTERN STATES PLEASE NOTE

GATES RADIO COMPANY
West Coast Office
1350 N. HIGHLAND AVENUE
just one block off Sunset Ave.
HOLLYWOOD 28, CALIF.
Phone Hollywood 7757
Phone Hollywood 8219
Sales Engineer in Charge
WALTER L. READ

EXPORT NEWS

Among the newest orders from Westinghouse for equipment for export are:

250C-1 transmitters for Chile
Modulation Monitors for Cuba
Studio Equipment for Brazil
Small transmitters for Columbia
Speech equipment for Chile
Speech equipment for India
1 KW transmitters for South America.

NEWSPAPER MEN RECEIVE CP's

Two new Gates installations will be in operation this late spring: one at LaSalle, Illinois, and another in Wewoka, Oklahoma. These stations are jointly owned by F. F. McNaughton and Louis F. Leurig. The former is owner of the Pekin Daily Times of Pekin, Illinois, while Mr. Leurig is the owner of the Yuma Publishing Company of Yuma, Arizona. The two new stations will be equipped with 250 watt transmitters, Wincharger towers and complete studio equipment. Mr. McNaughton is just completing a new installation in Effingham, Illinois, known as WCRA.



GREEN BAY BROADCASTING COMPANY GETS CP

On January 24th a new construction permit was issued for a station at Green Bay, Wisconsin. The corporation made up of well known Oshkosh, Wisconsin business men will operate on 1400 KC with a 250C-1. The call letters that have been assigned are WDUZ.

Mr. Ben Laird, one of the stockholders, has been in the radio business for some time, recently connected with WOSH at Oshkosh Broadcasting Company.

Mr. C. L. Kromlich and I. S. Kromlich, stockholders in the new company, are part owners of the Krambo Food Stores, Inc. of Oshkosh.

Mr. R. C. Nelson is associated with the new station at Green Bay, assisting in the installation.

In addition to the 250C-1 transmitter, the installation will have a 31B console, turntables, and all necessary studio equipment. The outlet will have a 180 foot Wincharger tower.



Worry is like a rocking chair — it will give you something to do but it won't get you anywhere. (Audio-gram.)

Gates Presents . . . O. J. McReynolds



Owen J. McReynolds was born in Knoxville, Tennessee where he attended the local grade and high schools. He then went to the University of Tennessee where he majored in business management until the radio bug overwhelmed him. Then radio with its multitude of intricate details made up the major courses in his curriculum. After his schooling Mac went in for professional baseball and developed into quite a second baseman for the Beaumont team in the fast Texas League. Mac, however, had never completely forsaken his love for radio and was still working his ham station as a hobby. McReynolds was Chief Engineer from 1939 to 1943 at WROL in Nashville, Tennessee where he settled down to radio work as a career. In very late 1943 during the war Owen decided to cast his lot with Gates personnel, where he was engineer in charge of several important war projects. After VJ day in Gates reconversion and expansion program Mac was selected as the Sales Engineer for the East Coast with headquarters in the New York office. His territory includes the north eastern states down as far south as North Carolina and Virginia. Although working in "Yankee" territory Mac has lost none of the

HELLO!!!!

Louis J. Bernal is one of the new faces in the sheet metal department with Ray Littleton. Louie, originally from the East, calling Connecticut his home state, was in the army for three years.

Robert W. Kuhl, who is an ex-navy man having served three years for Uncle Sam, now works with John Anderson, engaged in wiring and assembling CB7's and CB10's.

Charley Bridgman, originally from Pittsfield, now makes Quincy his home since his discharge from the army. He is in the machine shop on various types of work under Ivan Ryan's guidance. Incidentally, Charley is the proud father of a daughter born March 18, answering to the name of Peggy Joe.

John Weed, Jr., also in the machine department, is another ex-army man. He is working on milling machines and lathes, and does general machine shop work also.

Virgil Williams, a new man in stock department with Art Vandenberg. Virg is known as the popcorn kid because he lives on it morning, noon, and nite. Perhaps it helps to put the push in the arms to push the carts up and down the ramp.

William E. Llewellyn is a new wireman in the turntable department. Bill was in the Army from 1943 to 1946. On the quiet side Bill, together with the others in that department, is one of the reasons the turntables

southern characteristics which have made him a welcome sight to the broadcast men he calls upon. His infectious grin and southern drawl were perhaps the chief assets in his campaign for the petite and attractive Mary Elizabeth (now) McReynolds. At present Mac is living at Collingswood, N. J. and commutes between New York and home. This travel is one of the reasons that Mac is hoping the housing situation will soon ease so that he will be able to use those extra hours sleep in the morning.

are now listed on an immediate delivery basis.

James H. Gibson, one of the newest additions to the Gates personnel in the FM assembly line is a former Navy radio operator. He is working on the 250 FM transmitters under the engineering direction of Bill Parker.

Eugene W. Crossan is another new radio wireman who is working with Dusty Rhodes on the BC1E transmitters. Gene who is also a first class radio repairman was in the Army as repairman for Airborne equipment.

Forrest Fuller, a former Gates gal came back and is now working on Frank Schniers' floor on small equipment.

Raymond Jochem also a Gates returnee is back in the plant after completing his college courses and is now in the Audio department.



TRANSFERS

Wallace Kabrick has been transferred to the test department under George Thompson's guidance. Wally is one of the serious minded boys who make sure the equipment is right before it leaves the factory.

Bob Bonness has been transferred to the FM transmitter wiring and assembling line in the main factory. It's a sight to behold these good looking units lined up one behind the other like toy soldiers being completed and made ready for shipment.



ANNOUNCING NEW 1947 MODELS

To Charles Bridgman and wife . . . a daughter known as Peggy Joe, arrived via Blessing Hospital, March 18.

To Don Hubbard and wife . . . a boy, Richard Earl, 7 lbs., arrived via Blessing Hospital, March 25.

To the Joe Pippengers . . . a boy, Stephen Joseph, 9 lbs, 2 oz., arrived via Blessing Hospital, April 4.

Our best wishes to the proud parents and the new arrivals.



TURNTABLES

One of the busiest departments in the plant at the present time is the turntable department under the able supervision of John Anderson. Here the CB7 and CB10 turntables, CB8R recorders and CB4 desks are wired, assembled and made ready for test.

In the machine shop the chassis are fabricated for the various types of turntables the Gates name is noted for. The platters are machined and the motors are attached after which they are sent to the wiremen in the radio division. Here the cabinets are wired with the preamplifiers and power supply and made ready for the chassis. When the chassis is ready it is mounted on the cabinet and the pickup, of which there are several types, is then attached. Now the unit is ready for test. Then the packing crew takes over and gets the equipment ready for shipment to John Q. Broadcaster.

The CB7 and the CB10 turntables are divided into several different classifications all comparatively the same except for the different pickups.



In the pictures above and to the right we see:

Bill Requet and Frank Bruening assembling motors to platters.

Bob Kuhl . . . wiring a CB7 turntable.

Wilbur Harness and Bill Kelsall . . . working on a CB4 desk.

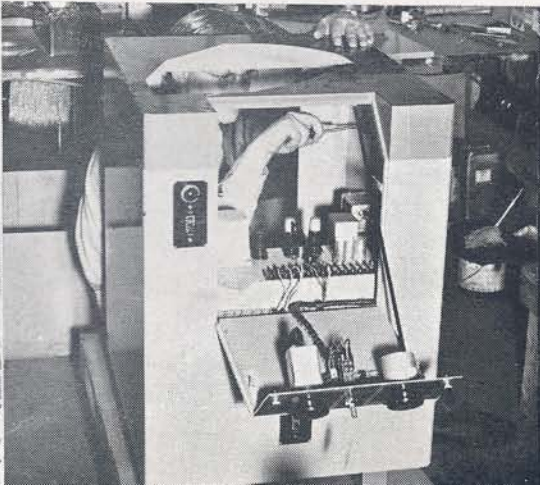
Carl Grey, Harness, Kelsall, Kuhl and Jim Llewellyn working on equipment.

QUINCY COLLEGE BUYS EQUIPMENT FOR RADIO WORKSHOP

One of the newest additions to the college curriculum is radio. In this course there will be included classes in music appreciation, basic speech courses and fundamentals of radio. Actual broadcasts over loudspeakers and the use of recording and studio equipment as well as its adaptability in station work will be studied.

Gates equipment in the recording transcription line consisting of CB12R turntables, studioette and rack cabinets wherein amplifiers are connected, was installed. Norbert Jochem, Gates audio engineer, a college alumnus supervised the installation while Rev. Bert Dahm, O.F.M. and the students assembled the equipment and did the work on the studio and control rooms.

The workshop will channel music, dramatics, news and educational programs, all student directed, over the setup. The ultimate goal of this group is a radio station.



MY TRIP

Hello everyone, I just thought I'd let you know that my trusty little box camera and I arrived at the plant in tip-top shape after my wanderings around the country. It was sure swell meeting new broadcast men and renewing acquaintances with other fellows. It was mighty interesting getting a



first hand view of your stations, some of them new, some in fact not yet on the air. One of the finest little stations in the middle west is the one in West Memphis, Arkansas,



built up on stilts for protection against the usual spring rampage of

the Mississippi. It's really on a binge now isn't it.

I doubled back to Kentucky and paid a visit to my friends, the Lackey brothers, and their new station at Mayfield. Did you know that this station went on the air in so-called "Tent City" — actually operated in tents because building materials weren't available? But now the equipment is installed in its permanent quarters. Enjoyed a visit with Rev. Suthard at WNGO also in Mayfield with a 1000 watt station. Stopped over in Paducah for a "quickie" at the 1 KW Station of the Paducah Sun Democrat WKYB and



Ed Paxtons' boys. Would like to go back there next summer to see the station after the Kentucky sunshine does full justice to the planned landscaping surrounding their modern outlet.

Left this part of the country to go further south, dropping in to see Cullman, Alabama, and WKAX at Birmingham. The new Birmingham unit managed by Ganus Scarborough and maintained by Chief Engineer, Stan Hawkins, is an up and coming station. After a pleasant visit with the always cordial Alabamans I headed north again, making a stop at the old home town and factory before heading the trusty Chevie toward the East Coast. If I had had a horse and sleigh I imagine I would have made better time, or was it just fate that decided the snows should fall while I was out in the Pennsylvania hills?

Visited WPIK at Alexandria, Va., and talked to the boys who are able to look out their front window, so to speak, and see the nation's capitol. Mr. Hayes and Mr. Lindberg were most gracious hosts and all too soon I had to be on my way to the IRE Convention in New York and a visit

with my buddy, McReynolds, at our New York office.

Leaving the skyscrapers behind I headed for the snowy hills and Chambersburg, Pa. WCHA is one of the neatest installations I saw and was fortunate to meet Sam Booth, general manager, and Joe Rose, chief engineer. The gentleman in front of the transmitter house is Mr. Rose.



On my return trip to Quincy I stopped at Norristown and Allentown, Pennsylvania, where I visited the Rahall brothers' stations and talked to Ferris Rahall, one of the owners, and George Brewer, Chief Technician. The Allentown station has just gone on the air and reception is reported excellent. Stopped at Canton, Ohio, WHBC and "confabed" with Ken Sliker the Technical Supervisor. On to Chicago and then a side trip to Iron Mountain, Michigan, where two new Gates installations were made this past year. When the snows melt and Spring takes over, these Michigan stations, in God's Country, so the Michiganites tell us, will really be honeys.



Back in the Gem City, it's good to be at the plant, engineering and building deluxe models for all you new and old broadcasters.

To you fellows who made my trip so enjoyable — thanks!

Francis Wentura,
Asst. Chief Engineer.

Static

Rain, rain go away
Come again
Next July

Spring, Easter, gardens, even the Illinois version of California dew has set in for a "few days" we hope only a few. It's about time we shed the red undies for the red slicker . . . which reminds us of the day "Mother" Fisk came to work neglecting to remove one slip and yet absentmindedly putting on another — George Thompson came to work one morning with a reddish tint to his 'luxuriant' locks. It wasn't Golden Glint we discovered, only a case of daughter gets hair brush, daughter gets lipstick, daughter rubs hair brush, George gets lipstick — the dinner that was a "transformer" for Madelyn — the mention of April and the Engineers' minds turn to thoughts of red bandannas . . . ask Bill Parker — the youthful executive whose hair is so curly lately, according to his version, he was sold on these home permanents, after listening to "ads" mile after mile on his last sales trip, he had to try one — did you ever go to a carnival and go on one of those midgetcar rides where the object is to see how mixed up the cars can get? we know where you can get in one of these mixups without paying the carnival admission fee — in the vicinity of Gates' plant, from Front to Second street and Hampshire to Vermont, after the whistle blows: cars back up the hill, across the street, down the sidewalk, over the curbing, some even go straight ahead, but heaven help the person daydreaming in the midst of that area — the main news of the month of course, was the flu and everyone sooner or later was off for awhile, except the "toughies" — the suspense Frank and Howard go thru each morning until Calhoun is ready to go to work . . . the trouble Penrose had with the cops in Hannibal one evening, they didn't believe it possible his car could do 20 miles per after they had clocked him — that Amelia seems to be the gal the guys

all voted to duck into one of the large new paint-bath tubs for its initiation ceremonies, Art Myers was the logical candidate for the other tub — "did you get a new Easter outfit," "could you find a pair of shoes." "oh Abner, I love that tie," "I can't have my picture taken," "have you got any more Popcorn?" "say how about a big weiner roast some nite?" "did you get that boat all fixed?" "whose wedding will be next, Annie?" "I lay my money on the Senators, the Cards can't win all the time," "good old daylight saving time now I can do some work in my garden," "BET IT'S A BOY" (it was) . . . Yes, Spring is here and then some



THE FLU BUG

It made the office on its rounds,
And hardly missed a soul,
It sent them home in twos and fours
Until Gates was in a hole.

No one to type the letters,
Or put away the mail,
No one to answer the Gates phones
You should have heard him wail.

It made the rounds of the departments,
On the lines, and in the shop;
It made the foremen pull their hair
And customers mad as hops.

So if you didn't get your console,
And your transmitter's a little late
Please be patient a little longer
And don't blame it all on Gates.

It was that Flu Bug too!!!!

"Lib" Hildebrandt.



CONDOLENCE

To Bob Bonness and family upon the death of his wife's mother, Mrs. Anna Boschulte.



CORRECTION

In the previous issue of the Studio Review the call letters of San Angelo, Texas were listed as KGLO whereas they are KGKL. Our apologies to both KGKL and KGLO at Mason City, Iowa.

BOWLING NEWS

In the city tournament some of the Gates bowlers were able to hit pay pins. The Garrelts team with Jim Hagerbaumer from the BC1E line was in the money, ending up in third place.

Bill Requet in the machine shop landed in ninth place in the singles and came out winner by six dollars.

The Gates team in the Turner league raised its average a bit winning three one nite and two out of three the other nights. Pop Gerweler had to give up his place due to poor health after rolling with the team for several years. We want to see you back in that lineup next season, Pop!



OLD TIMERS

(Continued from Page 4.)

while. Later Rogan Jones acquired KVOS, and still has it, of course.

During intervening years I imagine the Bellingham Herald group has been mighty sorry, in fact they were applicants for another station in recent years, which I am informed was denied.

And now, to get back to the more recent part of this story, I recently ran into Mike O'Bradovick. He is now Chief Maintenance Engineer for KMPC, 50 KW station here in Los Angeles, where he has been for several years. When I saw Mike we had quite a discussion, as he also knew my brother, Harry Read, former owner of KSLM, in Salem, Oregon, when they were both "ops" on the Alaska run plying various steamers in the years 1915 to 1920, when I was still a kid playing with spark coils and crystal detectors.

I also believe that Robert Priebe, Manager of KRSC, Seattle, was connected with old KDZR. While I have not seen Bob for a long time, he will of course recognize the above resume, if he should read this."

Walter L. Read.



Remember: The Gatesway To Better Broadcasting.

YUBA CITY, CALIFORNIA RECEIVES CP FOR 1 KW

One of the latest grants in the western states is that of the Peach Bowl Broadcasters who will have a new station in Yuba City, Calif. As the grant is for a one thousand watt station the partners will utilize one of the Gates Deluxe transmitters and all the associate equipment. Walt Read the West Coast Sales Engineer writes that the call letters will be KUBA and the station will be heard on 1600 KC. Bud Ballard is one of the men behind this venture.

PUEBLO RADIO COMPANY TO HAVE STATION IN PUEBLO, COLORADO

Radio Station KDZA, the new station in Pueblo, Colorado will have a complete Gates 250 watt installation and accessories together with a Win-charger tower. This station will be under the able management of Mr. Dee Crouch, a radio man of long standing. Mr. Crouch was a former engineer at station KANS, Wichita, Kansas. The new outlet will be heard on 1230 KC.

Leave it to an engineer to apply his knowledge to making tasks at home easier to do. One ingenious engineer has cut down large trees in his yard by burning through the trunk with an electrically heated piece of Nichrome resistance wire. A transformer was used to obtain high current at low voltage, and the hot wire was pulled through by weights. Rather clever, eh?



Arthur Betts, chief engineer supervises installation of Gates equipment at new station in Clearwater, Florida, WCLE.

— THIS AND THAT —

"Got any mail for me?"
"What's your name?"
"It's on the envelope, stupid."

* * *

Some people are like upside hooks on which it is impossible to hang anything. (Atlantic Monthly.)

* * *

The wise and the active conquer difficulties by daring to attempt them. (Nicholas Rowe.)

* * *

A pessimist is a man to whom an optimist owes money. (Murray Kay.)

* * *

Wilma: (While typing up an order) What is a female plug?

Ginny: I guess that's a lady horse.

* * *

Absence of occupation is not rest; a mind quite vacant is a mind distressed.

* * *

"Say Dad, what's a liberal?"

"It's a politician, my boy, who is awfully liberal with other people's money."

* * *

Foreman: "Been to the zoo yet?"

New Man: "No, sir."

Foreman: "Well, you should. You'd get a big kick out of watching the turtles zip by."

"What's worse than being a bachelor?"

"Being a bachelor's son."

* * *

The trouble with wives is that most of them would rather mend your ways than your socks.

* * *

"Did you miss the train, sir?"

"No, I'm mad at the conductor so I chased it out of the station."

* * *

One chorus gal to another: "Oh, darling, what a nice new mink coat! What happened; hock your halo?"

* * *

The porter had carried Sandy's heavy bags for a long distance in a driving snowstorm.

When at last he set down his burden, Sandy reached in his pocket and handed something to the shivering man, with the kindly remark: There's something for a hot punch, my good fellow."

When the porter looked in his palm he found a lump of sugar.

CONGRATULATIONS . . .

To Vernon Van Velkinburg and Rosella Schafer who were married March 18. Van is one of the busy men in the packing department while Rosie works on the small equipment assembly line. Best of luck to you.

MO-2694 Line Amplifier

FM or AM



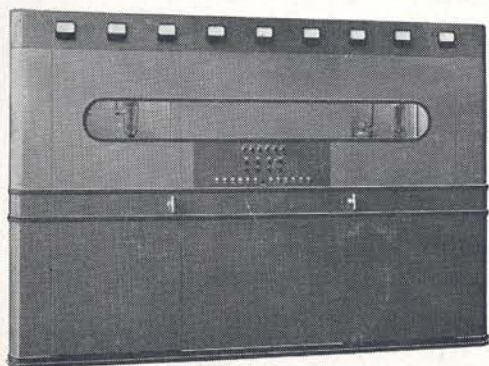
The MO 2694 Line Amplifier easily satisfies fidelity requirements for AM broadcasting and also has fine attributes necessary for FM systems. This amplifier is now available on immediate delivery basis.

LEADERSHIP

Since the "Beginning of Radio Time"

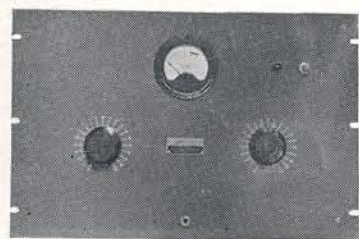
EVERYTHING FOR RADIO BROADCASTING from the PLANS to the COMPLETED STATION

For completeness, engineering, efficiency, reliability and simplicity, GATES broadcasting equipment is adequate for any need. GATES service is complete—from the plans for your dream station to the completed job. Only representative units are shown herein. Write for complete details of any type of equipment you may require.



5 & 10 KILOWATT TRANSMITTERS

MODEL BC-5—new development, meeting all demands for a modern, versatile 5-Kilowatt Transmitter. Also made as a 10-Kilowatt Transmitter—MODEL BC-10.



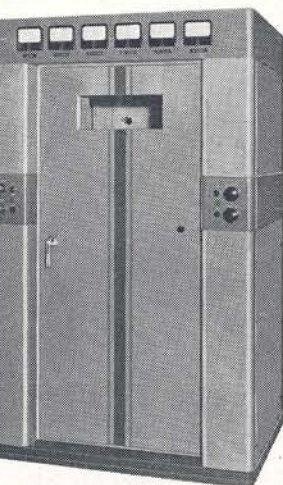
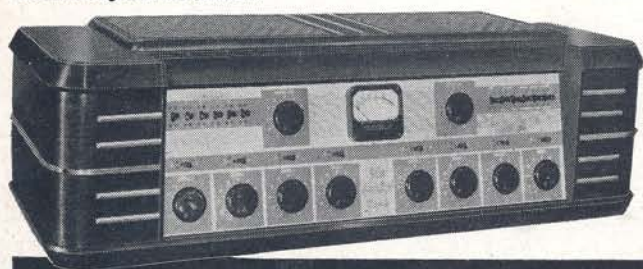
LIMITING AMPLIFIER

MODEL 28-CO—The most modern equipment for securing high average modulation levels with low distortion and noise. Trouble-free performance.



LINE AMPLIFIER

MODEL 6C—a flexible Unit which may be used in recording, monitoring and line amplifier service. May be used throughout the station.



1-KILOWATT TRANSMITTER

MODEL 1-E—a new, modern, 1-Kilowatt Transmitter embodying improvements and features that will make your station outstanding in operation. Write for complete specifications.



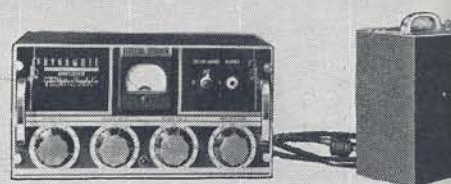
PREAMPLIFIER

MODEL 60-A—designed to furnish ample gain for any transcription pickup to bring the level up sufficiently to feed line amplifier.

Speech Input Console

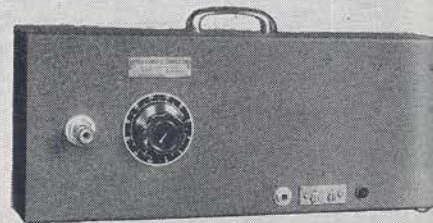
MODEL 30—De Luxe designed for eye appeal as well as engineering efficiency in radio stations and recording studios of all sizes. Write for specifications.

GATES



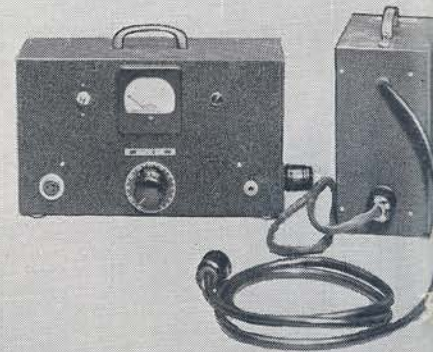
Dynamote Remote Amplifier

This is one of the most popular remote amplifiers in use today. In its weather resistant case with power unit, (it may be taken anywhere on remote jobs necessitating headphones and microphones).



REMOTE CONDITIONER

MODEL 6S—a superior unit for single microphone remote applications. Easily portable. Write for specifications.



REMOTE COMPACT

A single channel remote amplifier which is easily transported as a single unit, in airplane baggage type carrying case which is part of the equipment. Comes in two models—GR-80, GR-70. Write.

GATES RADIO CO., Quincy, Ill.

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CANADIAN MARCONI CO., LTD., MONTREAL

Exclusive Manufacturers of Radio Transmitting Equipment Since 1922