

MANUFACTURERS WITHIN RANKS OF THE RMA

Many Enterprises of National Scope Are Aided by This Radio Organization.

Every prominent and large manufacturer of every radio product is included within the ranks of the RMA. The manufacturers' organization also is affiliated with and works closely with the National Association of Broadcasters and the Federated Radio Association and Radio Wholesalers Association, the national organizations of radio jobbers and dealers.

A wide variety of service is given continually by the RMA to the radio public and also to all branches of the industry, as well as to its many members. The RMA has been accorded recognition and co-operation by Congress and its branches, the Federal Radio Commission, the United States Chamber of Commerce, the Federal War, Navy and Commerce Departments, the Institute of Radio Engineers, the National Underwriters Laboratories, and similar national organizations with whom many enterprises of national scope are undertaken. With the RMA of Great Britain, the RMA of Canada, and also other foreign radio interests, the RMA works in close co-operation.

Headquarters are maintained by the RMA both in Chicago and New York for trade promotion, merchandising, publicity, traffic, credit exchange, exchange of patent information, and many other services through active committees.

GENERAL RADIO NOTES

Amrad.

The new Amrad models, acclaimed by radio experts and engineers for their technical and electrical perfection, amazed Chicago radio show visitors by the genuinely fine design and craftsmanship of their consoles. The Amrad chassis is a genuine shield-grid, matched unit radio, designed for utmost power and selectivity.

Majestic.

Recent economies in manufacture enabled Majestic to offer its combination to Chicago phono-radio showgoers at the lowest price ever asked for an instrument of its type. An automatic stop for records is now regular equipment, yet the combination is now priced complete with tubes, not less tubes as formerly, at a figure \$20 lower.

Theremin.

M. Goldberg, assistant to Prof. Theremin, inventor of the Theremin, was in charge of the demonstration of that unique musical instrument which anyone can play, at the recent Chicago radio show. According to Mr. Goldberg, the initial sale of the Theremin will be conducted, only through music stores, in order to convince the public that the device is not merely a by-product of radio, but an absolutely new medium for musical expression.

Mills.

The Mills radio produced by The Mills Novelty Company, Chicago, made its debut at the Chicago Radio Show. The line was introduced to the public by G. F. Brown. This house, long noted for its skill in fabricating intricate mechanical contrivances, and in achieving cabinet work of unusual design and skillful workmanship, has turned its attention to a field where that skill should win for itself a place among the leaders.

Five models, with eight-tube, high gain, triple screen grid circuits are offered.

Operadio.

In the Jack Horner and Little Jack Horner models which hang in the corner of a room, Operadio presents an absolutely new conception. The baffle in this speaker seals itself with the walls of the room and uses the walls as reflecting surfaces to focus the sound to the center of the room where it is needed.

Kiel Golden Voiced Table.

W. C. Rogers, general sales manager for The Kiel Furniture Co., Milwaukee, represented his firm at the recent Chicago radio show. A model of the Kiel Golden Voiced Table, officially recommended and approved by Atwater Kent, was shown. The Samson Electric Co. are the Chicago distributors.

STEINITE DEALER'S AID PACKET.

As a selling aid to their thousands of dealers throughout the country, Steinite Radio Company has prepared a new Dealer Profit Packet which contains a quantity of diversified display material for creating effective window displays. The packet contains a 3x8 foot muslin banner for the dealer to hang outside his store; a three-piece painted display, and six 6-inch x 24-inch streamers for window use; four large

colored price cards to be hung inside the window, and four price cards with easel backs for use on top of the sets.

ATWATER KENT AT OSWEGO.

The Burr True Corporation of Syracuse, N. Y., distributors of the Atwater Kent radios, recently entertained at the Hotel Pontiac in Oswego, N. Y., for all of the Atwater Kent dealers in that district comprising eleven counties. Floyd Wilkinson and Fred Smith of the Hall of Music of Fulton, N. Y., were present to receive the silver loving cup won by the Fulton store for having the best sales record and the best dressed show windows.

RADIO HELPS CATCH CRIMINALS.

Radio is helping the police of the cities to catch criminals red-handed and before they can make their escape from the vicinity in which crimes are committed. This has been brought about by the adoption of a plan of equipping cruising police cars with receiving sets, through which they get alarms sent out from a transmitter in police headquarters. Several large cities have adopted the plan, all with significant results.

GOOD RECEPTION IN SALT MINE.

Radio reception has been accomplished at the bottom of a salt mine 645 feet below the surface near Hutchinson, Kan. An ordinary set was used, with a wire stretched to adjacent timbers as an antenna. Resting on a crystal salt floor, the set picked up seven stations within half an hour, including broadcasts from Chicago, Kansas City, Cincinnati, Louisville and Des Moines. No special attachments were used.

ESTIMATES ON RADIO MANUFACTURE.

Estimates as to the number of receiving sets that will be manufactured in 1929 show a wide fluctuation. They range from a low of 4,500,000 to a maximum of 8,000,000. Actual sales, however, are estimated at 2,500,000 to 4,000,000. Accurate figures, so far, have not been obtainable in either case.

A FORT WAYNE COMPANY.

C. H. Lines Company, Inc., Fort Wayne, has been incorporated with capital stock of 800 shares having no par value; objects, manufacture, buy, sell and otherwise dispose of radios, radio parts and other electrical devices. Incorporators: Clifton H. Lines, Clara A. Hartman, Chester L. Teeter.

LE DOMINO GUITARS SELLING WELL.

J. R. Stewart Company, makers of stringed musical instruments, J. R. Stewart president, 2541 West 22d street, Chicago, are keeping busy this fall. The call is particularly active for the Le Domino line of guitars, Mr. Stewart says.

Most enthusiastic reports regarding the new line of Edison Light-O-Matic radios were recently received at the offices of Thomas A. Edison, Inc., from their western sales manager, Roy S. Dunn, and from H. J. Zeusler, manager of the San Francisco branch of the Edison Distributing Corporation.

The beginning of direct radio service recently between New York and Costa Rica was announced by W. A. Winterbottom, vice-president of R. C. A. Communications, Inc.

PRESS FINGER ON EAR TO SEND SONG IN

New 'Phone Speaks Numbers That Are Dialed —It's the Reverse of Radio Broadcasting.

The New York Times of November 8 tells of a new automatic telephone which speaks its call numbers to central while the subscriber maintains silence, and a new apparatus whereby speech and musical sounds are projected directly into the human brain electrically. The demonstration was conducted by Sergius P. Grace, assistant vice-president of the Bell Telephone Laboratories.

With the new automatic telephone no one is required to utter a sound. The subscriber merely dials the desired number and the new device carries the number to central, to whom alone it is audible.

The apparatus whereby Mr. Grace projected speech electrically directly in to the brain works on the principle of reversed radio broadcasting and in its operation a part of the human ear takes the part of a condenser-receiver. This is the opposite of the wireless condenser-transmitter, which transmits sounds under the impulse of a very high voltage and with enormous amplification. Similar voltage and amplification are used in the device demonstrated by Mr. Grace.

Mr. Grace spoke a sentence into a telephone transmitter and by means of amplifiers this sentence was distinctly heard by all in the audience. At the same time a part of the electrical current was stored in a "delay" circuit, another recent invention of the Bell Telephone laboratories.

After it had been stored four and a half seconds this electrical current was transformed to the high voltage and passed into Mr. Grace's body. He then placed his finger against the ear of a member of the audience, who heard directly within his brain the same sentence that had issued from the loud-speaker four and a half seconds earlier.

Mr. Grace said that this phenomena had recently been discovered in the laboratories and explained it was attributable to the fact that ear drum and surrounding tissues are made to act as one plate of the condenser-receiver, the resulting vibrations of the ear drum being interpreted by the brain as speech, music or whatever sounds were impressed upon the original transmitter. Mr. Grace said that the sounds could be transmitted simultaneously to at least three persons holding hands.

FINE LINE AT SALEM, OHIO.

C. M. Wilson of the C. M. Wilson Music Store, Salem, Ohio, is quite enthusiastic over the phonograph-radio line of instruments handled by his house. Such instruments as the Victor-Radio, J. P. Seeburg, the Selectra manufactured by the Western Electric Piano Company, are in the estimation of Mr. Wilson good sellers and great aids to profit making in the music business.

A sale of Atwater Kent radios is being conducted by the Davis Company, State and Van Buren streets, Chicago.

ONE MAN RADIO TRUCK

With this truck one man can deliver the popular makes and sizes of Radios from the show room, on and off the delivery truck, up the steps or stairs and into the house or apartment. \$15.00. This same truck not adjustable but made for the Victor R-32 and R-E 45. \$12.50. F. O. B. Findlay, Ohio.

SELF-LIFTING PIANO TRUCK CO.

Findlay, Ohio