

Trade News

FROM THE MANUFACTURERS

Special Trial Offer

The General Electric Company has announced a special trial offer to users of two-way communication systems in the 25-50 mc band to demonstrate the effectiveness of new G-E equipment to reduce interference and give more efficient operation. G-E recently started production of new equipment for this band.

According to Paul L. Chamberlain, Manager of Sales for the Transmitter Division, G-E will install a station receiver in any existing system on a "satisfaction or money-back" basis.

Further information on this equipment and on the trial offer may be obtained from the Radio Communications Section, Transmitter Division, Electronics Park, Syracuse, N. Y.

110 V. AC in Car

Automotive equipment owners whose vehicles are equipped with the Leece-Neville Company's rectified AC generators may now operate standard 110-volt AC tools, lights, and other appliances right from the vehicle's electrical system.

This is made possible by the introduction of a simple transformer that steps the 6-volt current of the car's system up to 110-volts AC. The transformer, delivering 250-watts at variable frequencies, is connected direct to one phase of the Leece-Neville system's alternator. The output is taken from a standard female AC outlet which is an integral part of the transformer.

The alternator-transformer combination furnishes ample power for the operation of small motor-driven tools (uni-

versal motor types up to 1/4 H.P.); soldering irons; electric blankets; electric sterilizers; wire recorders; mobile public address systems; extension lights; flood lights; bottle warmers, and the like.

Maximum output and efficiency of the transformer is obtained even when the car engine is operated at idle speed, and the alternator system functions normally in the maintenance of a high rate of battery charge at the same time.

Two of the transformers, connected to two phases of the three-phase alternator unit in an open delta circuit, also may be employed to provide three-phase, 110-volt current for the operation of high frequency tools. In this application a maximum of 433 watts output is obtained.

Three transformers, each connected to one of the three phases of the alternator, may be used to obtain three 250-watt circuits. In this type application, an equal load, up to the 250-watt maximum, must be imposed on each of the three circuits. Either one, or all three of the circuits (never two) must be used whenever 110-volt current is being drawn.

Transformers for use with both the 6 and 12-volt systems are now available through all Leece-Neville authorized service stations, it has been announced. Both types are identical in physical dimensions and appearance. The transformer for use with 6-volt systems has been designated as Part No. 1000-T, while the unit for 12-volt application is known as the 1002-T.

Increasing Personnel

Motorola, Inc., is hiring 1,000 additional workers, bringing the total to over 4,500, the highest number of radio and television employees in the history of the firm, Paul V. Galvin, President of the company, announced.

Motorola's hiring of new employees has been made necessary in order for Motorola to achieve all-out production of its new 1950 line of television and radio sets, being introduced this fall, and to keep pace with the heavy demand for its products during the last half of this year.

Motorola announced last week a new six-month peacetime sales record of \$33,822,368, or nearly seven million dollars greater than the corresponding figure for 1948. Earnings, too, achieved a new peacetime high.

Mike Makes Stamp

'That's For Sure'

The thrill that comes once in a lifetime came recently to S. N. Shure, founder and president, Shure Brothers, Inc., 225 W. Huron St., Chicago 10, Ill., manufacturer of microphones and acoustic devices, when he, an ardent stamp collector, saw a Shure microphone decorating the anniversary and commemorative stamps of the Philippine Republic.

The stamps, issued in 4, 6 and 16-centavo amounts, were issued on the Philippines' first anniversary of independence, showing President Manuel Roxas taking the oath of office on July 4, 1946, while Paul V. McNutt, U. S.

ambassador to the new republic, read the proclamation of independence. The other stamp, a 2 and 4-centavo amount, commemorated the death of Roxas.

On all these stamps, the Shure "55" dynamic microphone is depicted with the men who made the addresses.

A four-page booklet entitled "The Story of the Philippines" has been put out by the Shure company to tell of the event. Included at the back are three of the commemorative stamps enclosed in cellophane to be retained or passed on to any stamp collector.