

Collins Transmitters

Bulletin 105

Sheet 2

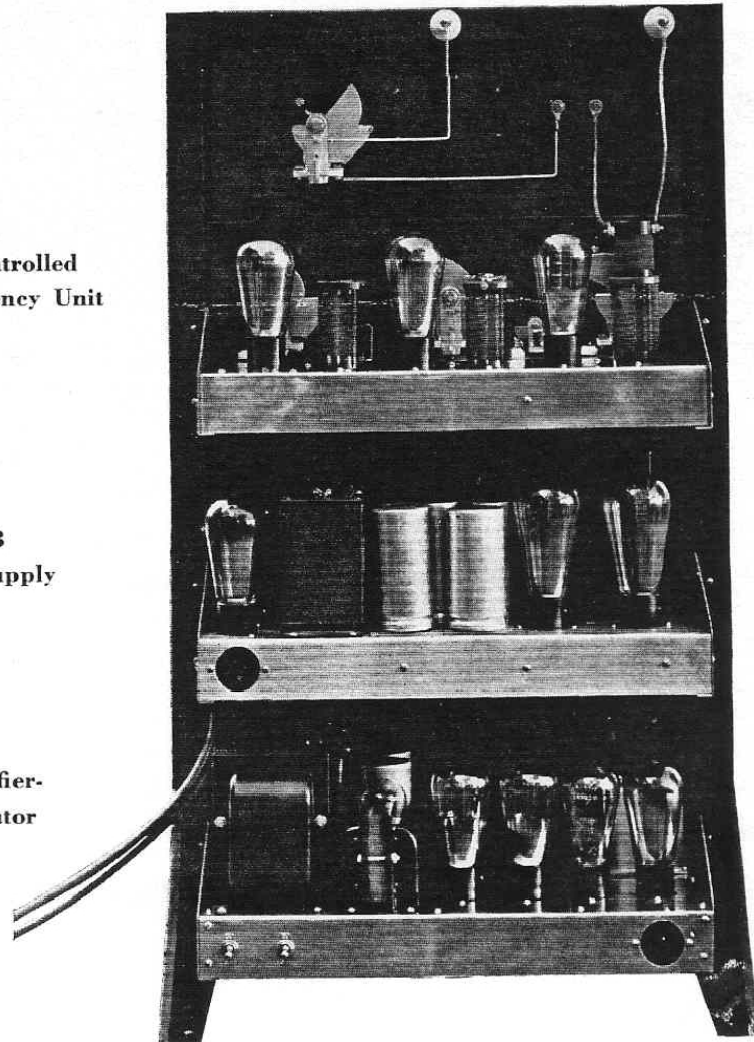
TYPE 40B TRANSMITTER

(rear view)

10A
Crystal Controlled
Radio Frequency Unit

500B
Power Supply

9C
Amplifier-
Modulator



THE 40B TRANSMITTER is the radiophone version of the COLLINS 30W Transmitter, which has proved very popular for C.W. transmission. It is available either in the 34 inch table rack (as illustrated), or in a standard 60 inch floor rack at no increase in cost. Operates on 160, 80, 40 and 20 meters. Coils for one band are standard equipment.

THE 90C INPUT AMPLIFIER provides the necessary gain for operating the 40B Transmitter with a condenser or double button microphone. Employs two type 56 tubes resistance-coupled. Input impedance 200 ohms; output impedance 500 ohms. Frequency characteristic flat from 80 to 8,000 cycles. Operates from the same batteries as are used for receiver or condenser microphone.

TYPE 5A CONDENSER MICROPHONE is a broadcast studio type microphone. Furnished complete with two 864 tubes for head amplifier, 20 ft. shielded cable and steel battery cabinet.

The equipment described above comprises a complete radiophone installation ready to go on the air. The only accessories needed, exclusive of antenna, are as follows:

Kit of fully matched tubes for 40B and 90C,
Price **\$25.75**
(510, 2-247's, 2-566's, 2-46's, 2-45's, 2-82's, 2-56's)
Crystal and Holder, Price..... **7.50**