

Collins Transmitters

Bulletin 100

Sheet 7

10B CLASS B MODULATOR

This Modulator is similar in design and construction to the 30B Unit. It employs two UX 210 or UX 841 tubes.

Input Impedance — 8000 ohms.

Maximum Undistorted Power Output — 30 watts.

Output Impedance — 3000 to 8000 ohms.

Price — Complete (less tubes)-----\$31.60

RELAY RACKS

Relay rack type of construction has come rapidly to the front during the past two or three years. Relay racks have been standard equipment for speech input equipment for some time and lately have found increased use in the construction of transmitters up to 500 watts. The relay rack provides a neat means of assembling interchangeable units of various sizes.

COLLINS Relay Racks have the standard dimensions adopted by other manufacturers, but in addition have several unusual features which make them extremely well adapted for amateur transmitter installations. They are provided with a self-supporting base which can be bolted to the floor for permanent installations or can be equipped with carpet glides for home use. The racks are constructed of 16 gauge die-formed steel channels, finished in black satin duco enamel. Special brackets are used permitting the chassis to be removed without disturbing the front panel. Relay rack construction for radio frequency equipment possesses the advantage over old fashioned square frames in that it is much more flexible and there is less tendency for flux linkage in the R.F. fields. COLLINS Racks are furnished in two standard sizes, as follows:

	<i>Height</i>	<i>Outside Width</i>	<i>Panel Width</i>	<i>Price</i>
Type No. RA-60	60 in.	20 $\frac{3}{8}$ in.	19 in.	\$ 9.50
Type No. RA-72	72 in.	20 $\frac{3}{8}$ in.	19 in.	10.50