JERROLD®

INSTRUCTION SHEET

435-486

HYBRID

MIXER/SPLITTER MODEL TX-MS

for CH. 2-13

DESCRIPTION

Jerrold Model TX-MS is a hybrid network designed for combining the signals from two antennas (e.g. one low-band and one high-band) for transport over a single down-lead, or for splitting the signals from a single broad-band antenna to establish two feeder lines.

Signals can then be applied directly to television receivers, or passed through preamplifiers, or matching transformers (e.g. where it is desired to use coaxial down-leads).

The unit is equipped with 300-ohm impedance crown washer and screw terminals. Lead connections can thus be made either by the "No-Strip" or by the "Strip" method. Isolation between line terminals is 20 db minimum for the low band (54-88 mc) and 18 db minimum for the high band (174-216 mc).

ACCESSORIES SHIPPED WITH MODEL TX-MS

1 Outdoor Housing
2 Sheet Metal Screws #8-32 x ½ (for mounting in housing)
2 Wood Screws #8 x ¾ (for outdoor mounting of housing)
2 Wood Screws #6 x 1¾ (for indoor mounting without housing)

INSTALLATION

Model TX-MS can be mounted on any flat surface, either indoors or, installed in its metal housing, outdoors. For mast-mounting, a mast strap and clamp assembly should be procured.

Fig. 1 illustrates how Model TX-MS is connected as a mixer, using the "No-Strip method.

Fig. 2 illustrates how it is connected as a splitter, using the "Strip" method.

CONNECTING THE TX-MS

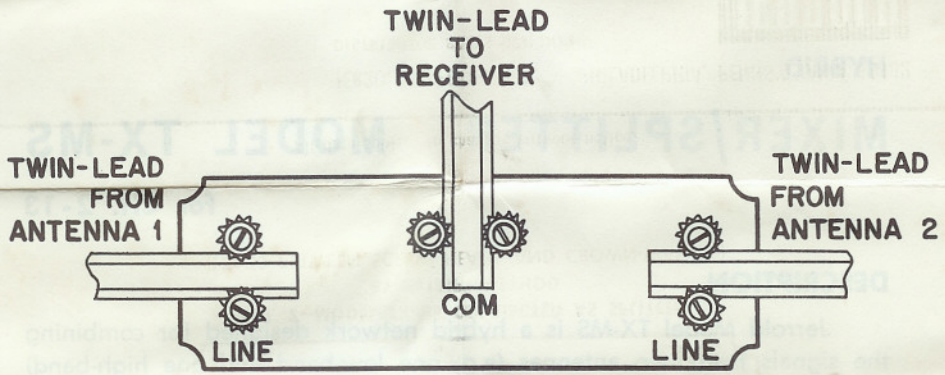

FIG. 1—MODEL TX-MS CONNECTED AS MIXER, BY "NO-STRIP" METHOD
(LEADS UNDER CROWN-WASHER)

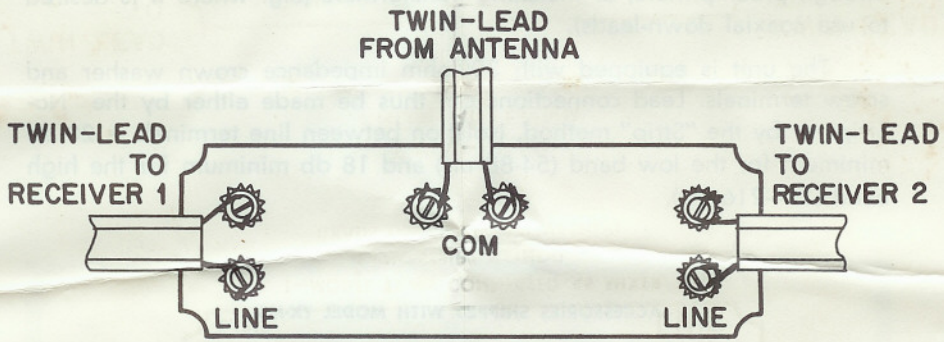

FIG. 2—MODEL TX-MS CONNECTED AS SPLITTER, BY "STRIP" METHOD
(LEADS BETWEEN SCREW HEADS AND CROWN-WASHER)

All data subject to changes without notice.

JERROLD ELECTRONICS • PHILADELPHIA, PENNSYLVANIA 19132
DISTRIBUTOR SALES DIVISION

JERROLD ELECTRONICS

A subsidiary of THE JERROLD CORPORATION

AM, April, 1965 Printed in U.S.A. 435-486