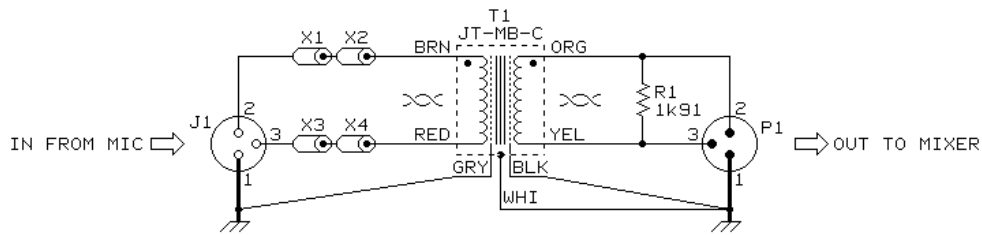


JT-MB-C MIC INPUT ISOLATION FOR MACKIE MIXERS per MACKIE DESIGNS "RF Suppression Tool Box"
 EXTENDS COMMON-MODE REJECTION VOLTAGE RANGE TO ± 300 V and VIRTUALLY ELIMINATES RF INTERFERENCE PROBLEMS



IMPORTANT

THIS EXTERNAL BOX WILL NOT PASS PHANTOM POWER
 SEE AS058 FOR INTERNAL MODIFICATION WHICH WILL

NOTES

1. R1 IS A $\pm 1\%$ 1/4w METAL FILM TYPE, ROEDERSTEIN MK2-1 OR EQUIVALENT, VALUE IN OHMS (2k37 = 2.37k)
 R1 VALUE SHOWN IS FOR MACKIE 1604 MAIN MIXER OR EXPANSION UNIT
2. TIGHTLY TWIST LEADS AS SHOWN ∞ IN PATH FROM J1-T1-P1 TO MINIMIZE ELECTROMAGNETIC PICKUP
 KEEP GRY, BLK, AND WHI LEADS SHORT AND CONNECT AS SHOWN (DO NOT TWIST WITH OTHER LEADS)
3. INSTALL X1-X4 FERRITE BEADS, JENSEN #FB-2, VERY CLOSE TO J1 FOR BEST FM & VHF REJECTION
4. USE OF GOLD PLATED CONTACTS IN XLR CONNECTORS IS HIGHLY RECOMMENDED
5. CONNECT PIN 1 OF EACH XLR TO METAL ENCLOSURE AS DIRECTLY AS POSSIBLE (SHORT HEAVY GAUGE WIRE)
6. WHITE WIRE IS CONNECTED TO TRANSFORMER CASE (CASE NEED NOT BE INSULATED FROM ENCLOSURE)

jensen	AS057
	08/03/94
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