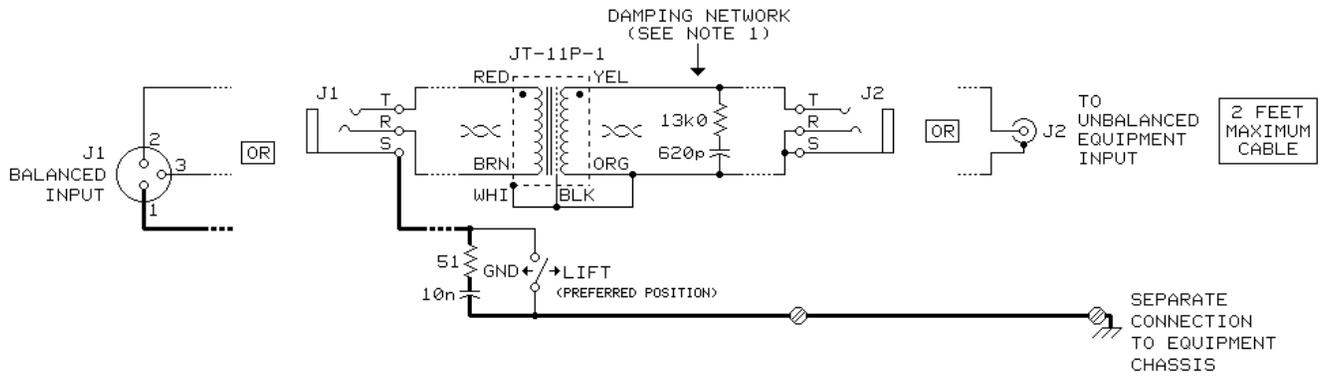


JT-11P-1 CONVERSION OF UNBALANCED INPUT TO BALANCED

IF +4 dBu TO -10 dBu REFERENCE LEVEL CONVERSION IS REQUIRED, SEE AS012.



NOTES:

1. THE DAMPING NETWORK SHOWN IS NECESSARY IF THE IMPEDANCE OF THE UNBALANCED INPUT IS OVER 10 kΩ, WHICH IS TYPICAL. OMIT NETWORK ONLY IF INPUT IMPEDANCE IS EXACTLY 10 kΩ.
2. FOR BEST TRANSIENT RESPONSE, KEEP SECONDARY LOAD CAPACITANCE UNDER 100 pF. (THIS IS ABOUT 2 FEET OF TYPICAL SHIELDED CABLE)
3. THE "WHI" LEAD IS ELECTRICALLY TIED TO THE CASE OF THE JT-11P-1 AND A "GROUND LOOP" MAY BE CREATED IF THE MOUNTING IS NOT INSULATED FROM THE CHASSIS.
4. PRIMARY (RED/BRN) AND SECONDARY (YEL/ORG) LEADS SHOULD BE TWISTED AS SHOWN AND WIRING SHOWN AS THICK LINE SHOULD BE HEAVY GAUGE AND AS SHORT AND DIRECT AS POSSIBLE.
5. A PAIR OF JT-11P-1 TRANSFORMERS ASSEMBLED AS ABOVE IN A STURDY STEEL BOX WITH HIGH QUALITY CONNECTORS AND GROUND LIFT SWITCHES IS AVAILABLE FROM JENSEN AS ISO-MAX® MODEL PI-2** WHICH HAS SEVERAL INPUT AND OUTPUT CONNECTOR OPTIONS.

jensen

AS002

09/13/95

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