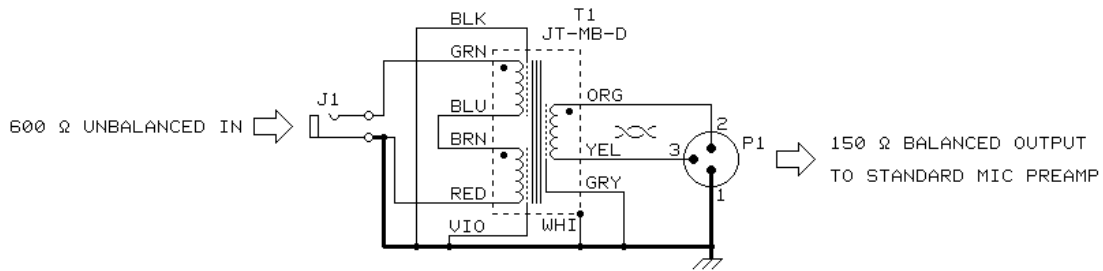


JT-MB-D CONUERTS 600 Ω UNBALANCED MIC TO 150 Ω BALANCED MIC LINE



NOTES

1. THIS INTERFACE IS USED TO ADAPT AND ISOLATE A 600 Ω UNBALANCED MIC SOURCE TO APPEAR AS A STANDARD BALANCED 150 Ω SOURCE TO THE PREAMPLIFIER.
2. BECAUSE OF THE IMPEDANCE TRANSFORMATION, THERE IS A 6 dB VOLTAGE LOSS. HOWEVER, THIS IS NOT USUALLY A PROBLEM BECAUSE SUCH MICs HAVE HIGH OUTPUT.
3. QUALITY MIC PREAMPS HAVE INPUT IMPEDANCES OVER 1 kΩ FOR 150 Ω MICS. THIS LOAD WILL REFLECT TO THE 600 Ω MIC AS ABOUT 4 kΩ.
4. THIS INTERFACE SHOULD BE LOCATED AS CLOSE AS POSSIBLE TO THE UNBALANCED SOURCE.

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jensen	AS049
	08/30/94
7135 HAYVENHURST AVE. VAN NUYS, CALIFORNIA 91406 (818) 374-5857	