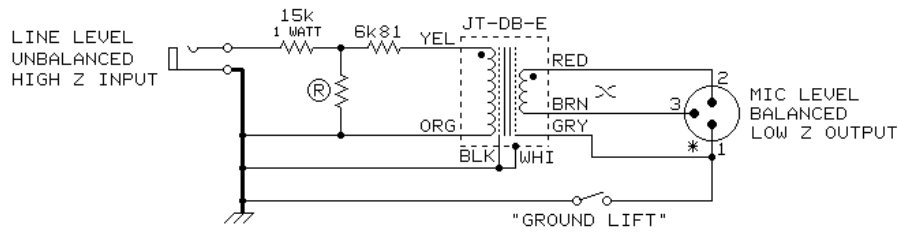
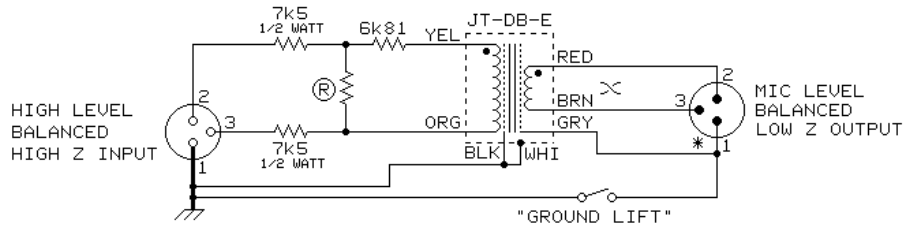


JT-DB-E "DIRECT BOX" FOR VERY HIGH LEVEL SIGNALS (UP TO 120 URMS)



* THE HOUSING OF THE OUTPUT CONNECTOR SHOULD BE INSULATED FROM THE CHASSIS. IF MATING CONNECTORS TIE PIN 1 TO THE SHELL, THE GROUND LIFT SWITCH WILL HAVE NO EFFECT.



A RESISTIVE PAD, EITHER UNBALANCED OR BALANCED, IS USED TO ATTENUATE VERY HIGH LEVEL INPUT SIGNALS. FOR EXAMPLE, BRIDGING THE SPEAKER OUTPUT LINES OF A POWER AMPLIFIER IN THE 100 WATT RANGE MAY REQUIRE 52 dB OF ATTENUATION TO PRODUCE A REASONABLE MIC OUTPUT LEVEL. ATTENUATION IS SET BY THE VALUE OF R :

OVERALL INPUT TO OUTPUT LOSS
LOSS = 42 dB FOR $R = 1k65$
LOSS = 52 dB FOR $R = 150$

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