

LM2U and LM2B Level Matching Devices



These handy boxes can be used to match consumer grade audio devices (-10dB) to pro equipment (+4dB). These units convert the level and provide the conversion from balanced to unbalanced operation and vice-versa.

Each unit features:

- XLR, TRS mini and RCA phono jacks
- Level controls
- Active circuitry, power by Whirlwind PS24 supply (included)

Model #s:

LM2U and LM2B

Frequency Response	20-20 kHz at unity gain, $\pm .1$ dBv
Total Harmonic Distortion +noise	< .0015% 20-20kHz at unity gain; < .0024% 20-20 kHz, +4 to -10 levels
Phase Shift	< 11.4 degrees 20-20 kHz; < 2 degrees 100-4 kHz
Dynamic range	95.7 dB @ .1% thd
Total Gain	40 dBv
Range of level pot	-40 to + 40 dBv
Maximum Input level	+17 dBv
Input Impedance	20 k Ohms balanced
Maximum output level	+17 dBv
Output Impedance	100 Ohms unbalanced

Noise at 20 dBv of gain	-87.4 dBv 20-20 kHz
Noise at unity gain	-103.4 dBv 20-20 kHz
Noise at 40 dBv of gain	-68.1 dBv
Power consumption	34 mA DC max.
Stereo Separation	94 dB at 20 kHz; 110 dB at 1 kHz; 120 dB at 20 Hz