

ULN-2 Technical Specifications

Mic Inputs

Stepped Gain Range	+6 dB - +72 dB (6 dB Steps)
Gain Range with Trim	-14dB - +70 dB
Input Impedance	3.3 kΩ
Harmonic Distortion@1kHz (+9dBu in @ 6 dB Gain)	0.0005%
Intermodulation Distortion 1k component (19 kHz/20kHz @ +8dBu)	-96 dBu

Equivalent Input Noise (E.I.N.)

20 Hz - 20 kHz Flat @ 72 dB Gain

150Ω Source	-130.5 dBu
50 Ω Source	-132.0 dBu
0Ω Source	-134.0 dBu

Frequency Response

18 Hz - > 20 kHz	± 0.1 dB
8 Hz - > 50 kHz	± 1.0 dB
3 Hz - >100 kHz	± 3.0 dB

Crosstalk @ 1kHz

trim link engaged	-107 dB
trim link disengaged	-132 dB

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Maximums

Max Gain	72 dB
Preamplifier Headroom	20 dB above Digital Clip
Phantom Power	+48v Regulated, high current, individually switchable, P48 test compliant, short circuit/hotswap protected

Physical Specs

Controls	Stepped Gain (12 steps 6dB - 72 dB) Continuous Attenuator on return Attenuation link Mic/Line Select switch Independent Monitor Volume Controls Independent Phantom Power Controls
Dimensions [W x D x H]	13.5" x 8.25" x 1.73" 34.3 cm x 21 cm x 4.4 cm
Weight	4 lbs 1.8 kg

Power

Rating	8 watts @ 9 - 30v DC
Connectors	2.1 mm Coaxial 4-pin XLR Broadcast Battery (pin 4 hot) Firewire

