

D-001R Line Input Module with DSP**D-001R**

The D-001R is a line input plug-in module designed for use with the 9000 Series amplifiers. It has 2-channel unbalanced inputs of RCA jacks. Input signals to both channels are mixed together. The D-001R can process effect for TONE/EQ/COMPRESSOR to two inputs independently.

**Specification**

* 0 dB = 1 V

Power Source	+24 V DC, -24 V DC, +6 V DC
Current Consumption	20 mA (at +24 V DC), 20 mA (at -24 V DC), 60 mA (at +6 V DC)
Input	2 channels, 2RCA/ch mixed, 10 k Ω , unbalanced, RCA pin jack
Input Sensitivity	-60, -54, -48, -42, -36, -30, -24, -18, -10 dB* (selectable)
Frequency Response	20 Hz - 20 kHz, +1, -3 dB
Total Harmonic Distortion + N	0.008 % (at 1 kHz, 20 Hz - 20 kHz BPF, Input sensitivity: -10 dB)
S/N Ratio	Over 70 dB (at 20 Hz - 20 kHz BPF, Input short, Input sensitivity: -10 dB)
Cross Talk	Over 75 dB (at 20 kHz, Input sensitivity: -10 dB)
A/D Converter	24 bit ADC
Sampling Frequency	48 kHz
Tone Control	Bass: ± 12 dB (at 100 Hz) Treble: ± 12 dB (at 10 kHz)
Parametric Equalizer	10 bands, Frequency: 20 Hz - 20 kHz, 31 points, Variable range: ± 12 dB, Q: 0.3 - 5
High-pass Filter	-12 dB/oct, Variable frequency range: 20 Hz - 20 kHz, 31 points
Low-pass Filter	-12 dB/oct, Variable frequency range: 20 Hz - 20 kHz, 31 points
Compressor	Depth: 1 - 5
Operating Temperature	-10 $^{\circ}$ C to +40 $^{\circ}$ C (14 $^{\circ}$ F to 104 $^{\circ}$ F)
Finish	Panel: Aluminum, hair-line
Dimensions	35 (W) \times 78 (H) \times 91.5 (D) mm (1.38" \times 3.07" \times 3.6")
Weight	82 g (0.18 lb)
Accessory	Module mounting screw ...2