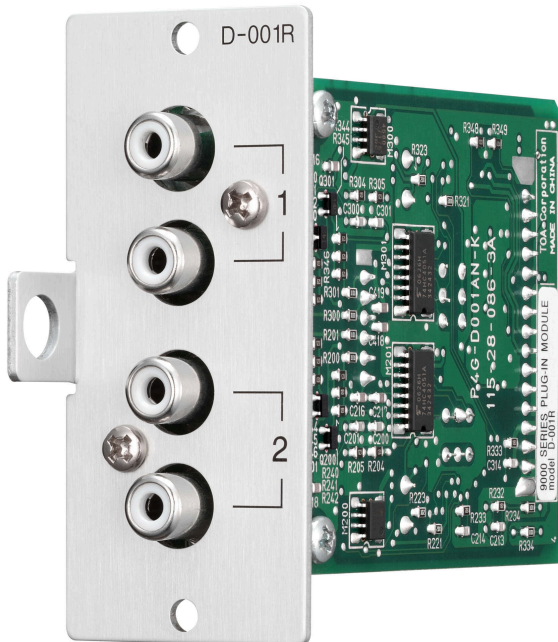


## D-001R

### 9000 SERIES PLUG-IN MODULE



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.

### Key features

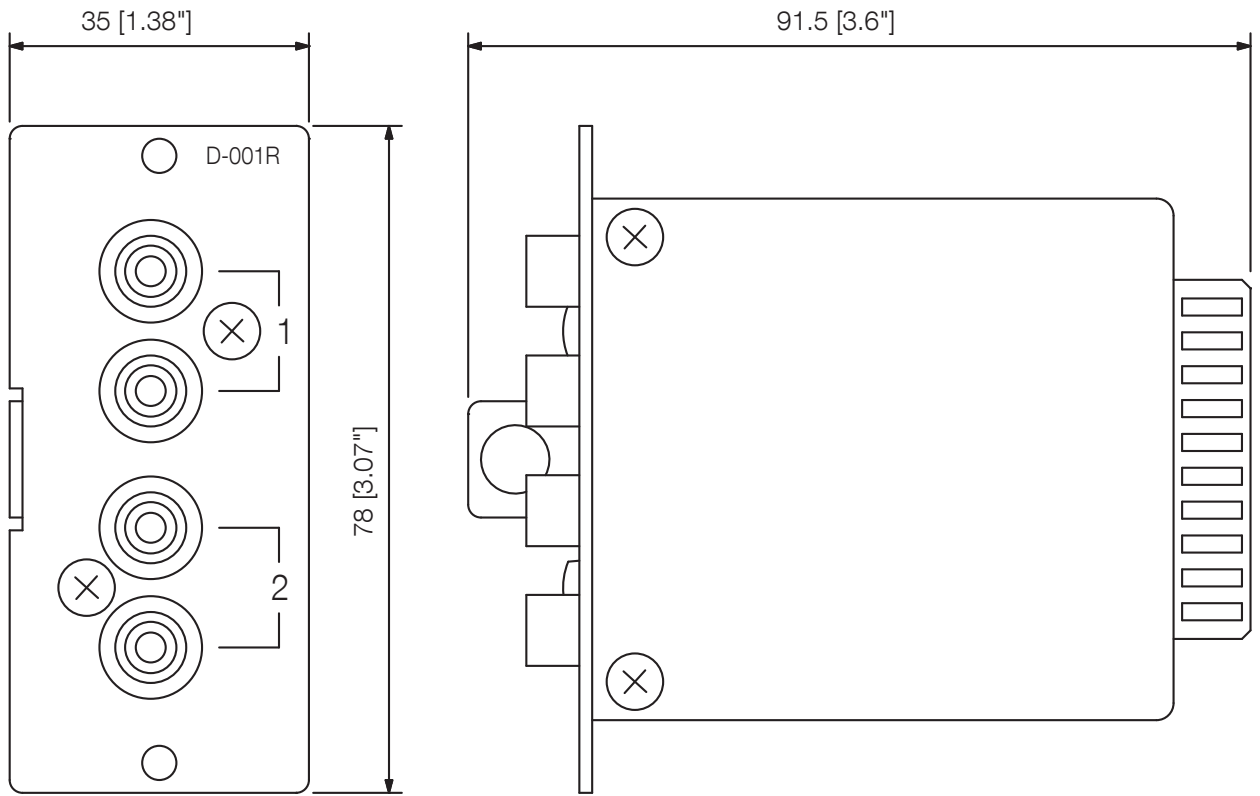
- Two RCA phone inputs per channel provides stereo summing
- Digital Signal Processing
  - 10-band parametric EQ
  - Bass / treble, loudness
  - High pass / low pass filters, compressor
- Max. 4 modules / chassis

## Specifications

\* 0 dB = 1 V

Power Supply	+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 $\Omega$ , unbalanced, RCA pin jack
Input Sensitivity	-60, -54, -48, -42, -36, -30, -24, -18, -10 dB* (selectable)
A/D Converter	24 bit ADC
Sampling Frequency	48 kHz
Frequency Response	20 Hz - 20 kHz, +1, -3 dB
Total Harmonic Distortion	0.008 % (at 1 kHz, 20 Hz - 20 kHz BPF, Input sensitivity: -10 dB)
Signal to Noise Ratio	Over 70 dB (at 20 Hz - 20 kHz BPF, Input short, Input sensitivity: -10 dB)
Crosstalk	Over 75 dB (at 20 kHz, Input sensitivity: -10 dB)
Tone Control	Bass: $\pm 12$ dB (at 100 Hz) Treble: $\pm 12$ dB (at 10 kHz)
Parametric Equalizer	10 bands, Frequency: 20 Hz - 20 kHz, 31 points, Variable range: $\pm 12$ 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 °C to +40 °C (14 # to 104 #)
Finish	Panel: Aluminum, hair-line
Dimensions	35 (W) x 78 (H) x 91.5 (D) mm (1.38" x 3.07" x 3.6")
Weight	82 g (0.18 lb)
Included Accessories	Module mounting screw ...2

## Dimensions



Front View

Side View

UNIT:mm

SCALE:1/1

## A&E specifications

2-channel input module for two stereo sources that are internally mixed to one mono signal each. Adjustable sensitivity range from mic level to line level. High fidelity 24-bit A/D-converter and extremely low distortion. Built-in digital signal processing (DSP) with treble and bass tone control, high and low pass filters and 10 parametric equalizers. Compressor with 5 predefined settings for ease of use. Loudness can be optionally activated.

Connection via two supplied removable 3-pin screw terminals.