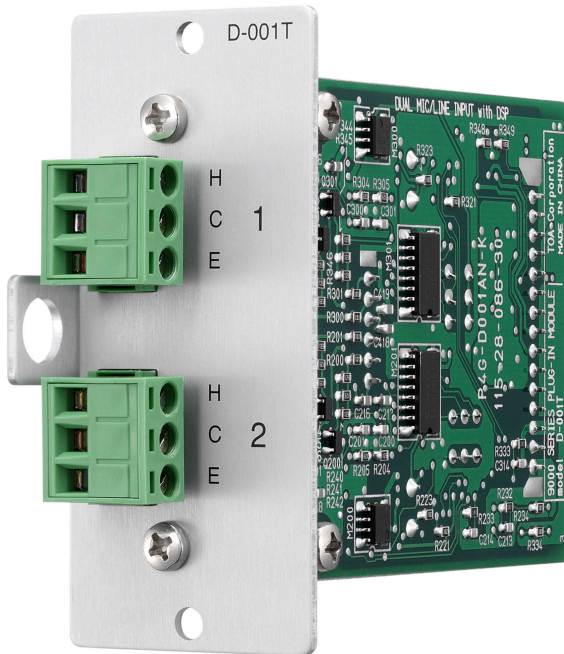


D-001T

9000 SERIES PLUG-IN MODULE



The D-001T is a plug-in module designed for use with the 9000 Series amplifiers and can provide two independent balanced inputs. The D-001T can handle signals ranging from microphone level to line level by controlling their input sensitivity in 9 increments from -60 dB to -10 dB. Phantom power (+24 V) can be supplied for condenser microphone use. The D-001T can process effect for TONE/EQ/COMPRESSOR to two inputs independently.

Key features

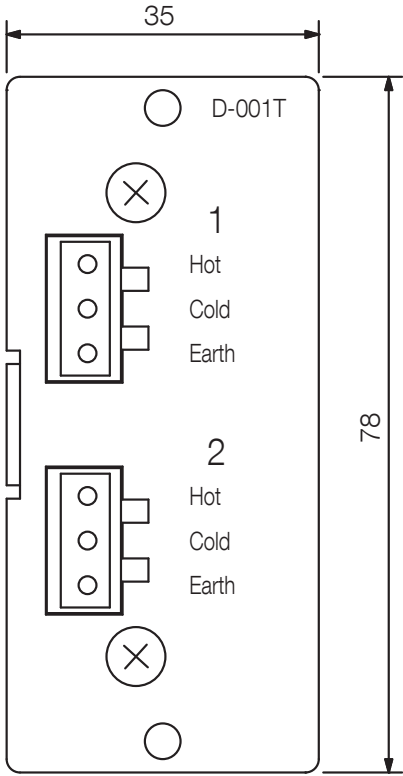
- 2 balanced mic / line Inputs
- Digital signal processing:
 - 10-band parametric EQ
 - Bass / treble, loudness
 - High pass / low pass filters, compressor
- Adjustable sensitivity (-60 to -10 dBV, 9-steps)
- Phantom power (24 V DC)
- Removable terminal block
- Max. 4 input modules per chassis
- Required for VOX-function and input measure

Specifications

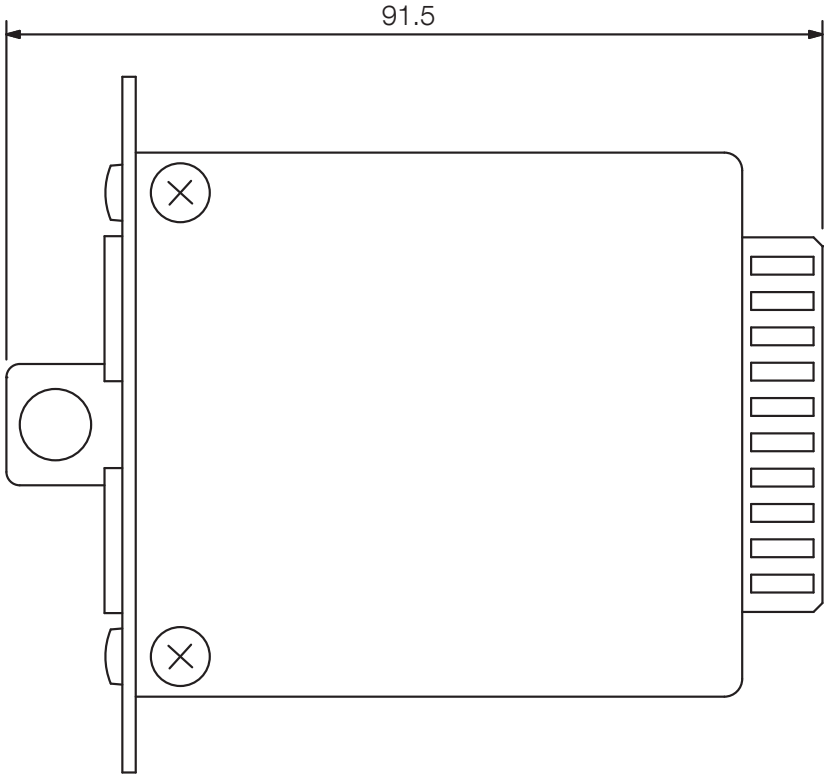
* 0 dB = 1 V

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, 3 k Ω (when the phantom power is ON)/10 k Ω (when the phantom power is OFF), electronically-balanced, removable terminal block (3 pins)
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)
Input Equivalent Noise	Under -112 dB (at 20 Hz - 20 kHz BPF, Input short, Input sensitivity: -60 dB)
Signal to Noise Ratio	Over 73 dB (at 20 Hz - 20 kHz BPF, Input short, Input sensitivity: -10 dB)
Crosstalk	Over 75 dB (at 20 kHz, Input sensitivity: -10 dB)
CMRR	Over 62 dB (at 1 kHz, Input sensitivity: -60 dB)
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
Phantom Power	+24 V DC
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
Weight	82 g
Included Accessories	Removable terminal plug (3 pins) ...2, Module mounting screw ...2

Dimensions



Front View



Side View

UNIT:mm

SCALE:1/1

A&E specifications

2-channel input module for two symmetric Mic / Line sources. Adjustable sensitivity range from microphone level to line level. Phantom power for microphones can be activated. High fidelity through 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 Plug-in 3-pin connectors.