

DESCRIPTION

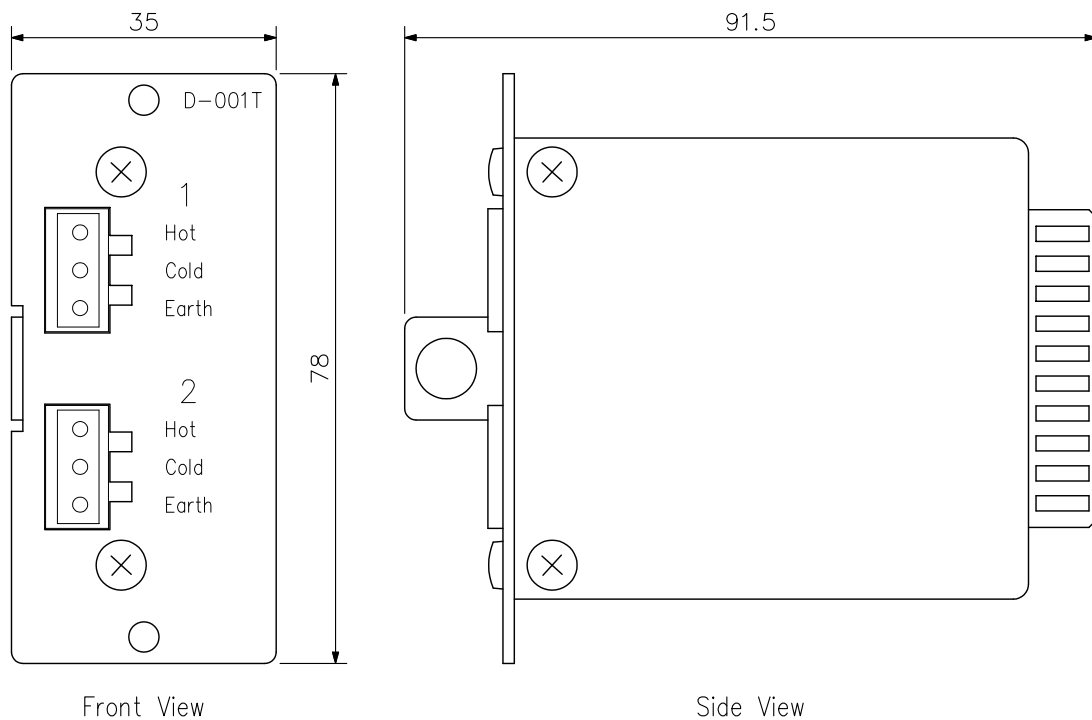
The D-001T is a plug-in module designed for use with the 9000 Series amplifiers and can provide two independent balanced inputs. The D-001T can handle signals ranging from microphone level to line level by controlling their input sensitivity in 9 increments from -60 dB to -10 dB. Phantom power (+24 V)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

SPECIFICATIONS

\* 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,<br>3 kΩ (when the phantom power is ON)/10 kΩ (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)   |
| 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)  |
| Input Equivalent Noise        | Under -112 dB (at 20 Hz - 20 kHz BPF, Input short, Input sensitivity: -60 dB)  |
| S/N Ratio                     | Over 73 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)  |
| CMRR                          | Over 62 dB (at 1 kHz, Input sensitivity: -60 dB)   |
| A/D Converter                 | 24 bit ΔΣADC   |
| Sampling Frequency            | 48 kHz   |
| Tone Control                  | Bass: ±12 dB (at 100 Hz)<br>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   |
| Finish                        | Panel: Aluminum, hair-line   |
| Dimensions                    | 35 (W) × 78 (H) × 91.5 (D) mm  |
| Weight                        | 82 g   |
| Accessory                     | Removable terminal plug (3 pins) ×2, Module mounting screw ×2  |

APPEARANCE



UNIT:mm SCALE:1/1