

DESCRIPTION

The AN-001T is a plug-in module of 2-channel ambient noise detector designed for use with the 9000 series amplifiers.

It automatically adjusts the output volume in response to the change of ambient noise level.

The AN-001T can handle input signals from microphone level (−60 dB) to line level (−10 dB) by controlling the gain in 9 steps.

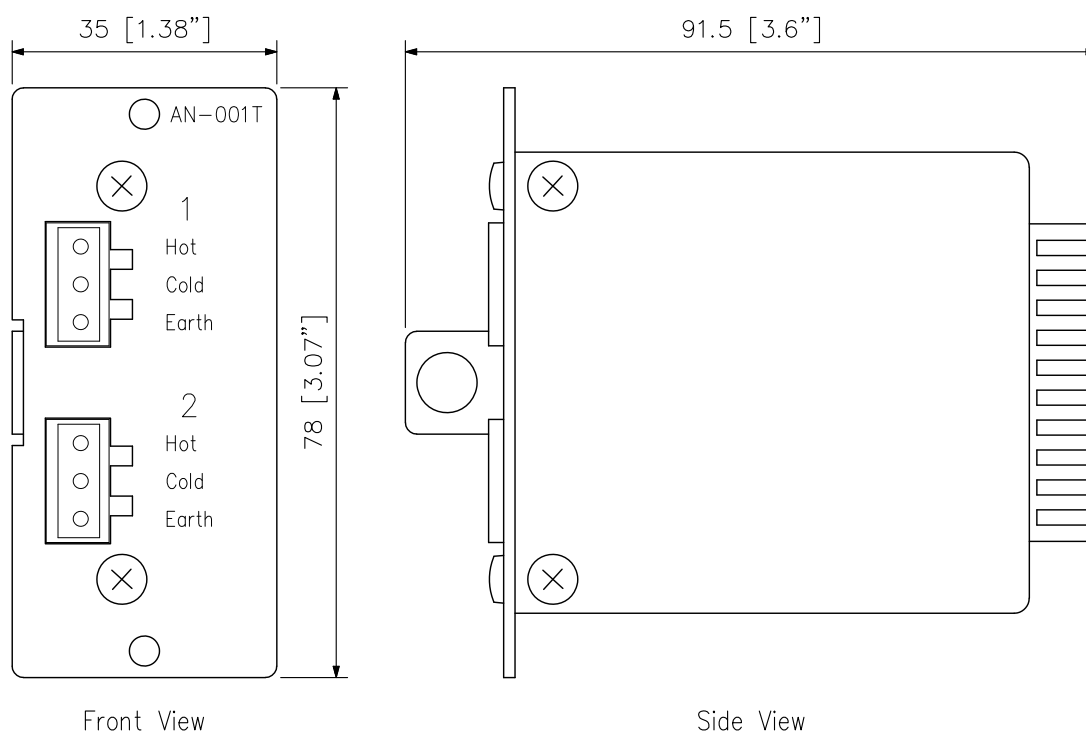
Phantom power (+24 V) can be supplied for condenser microphone use.

SPECIFICATIONS

* 0 dB = 1 V

Power Source	+24 V DC, −24 V DC, +6 V DC
Current Consumption (Typ)	20 mA (at +24 V DC), 20 mA (at −24 V DC), 75 mA (at +6 V DC)
Input	Sensor input (Ambient noise sensor microphone input): 2 channels, 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)
Phantom Power	+24 V DC
A/D Converter	24 bit $\Delta\Sigma$ ADC
Sampling Frequency	48 kHz
Ambient Noise Control Function	Sensor input reference level adjustment function Maximum output signal level control: −15 to 0 dB Minimum output signal level control: −18 to −3 dB Sample time setting: 10 s, 15 s, 20 s, 30 s, 1 min, 2 min, 3 min, 5 min Gain ratio setting (Ambient noise: Output signal level): 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6, 6:−3, 5:−3, 4:−3, 3:−3, 3:−4, 3:−5, 3:−6
Operating Temperature	−10 °C to +40 °C
Finish	Panel: Aluminum, hair-line
Dimensions	35 (W) × 78 (H) × 91.5 (D) mm (1.38" × 3.07" × 3.6")
Weight	84 g (0.19 lb)
Accessory	Removable terminal plug (3 pins) ×2, Module mounting screw ×2
Option	Ceiling mount microphone: AN-9001

APPEARANCE



UNIT:mm SCALE:1/1