



9000 SERIES PLUG-IN MODULE

AN-001T

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.

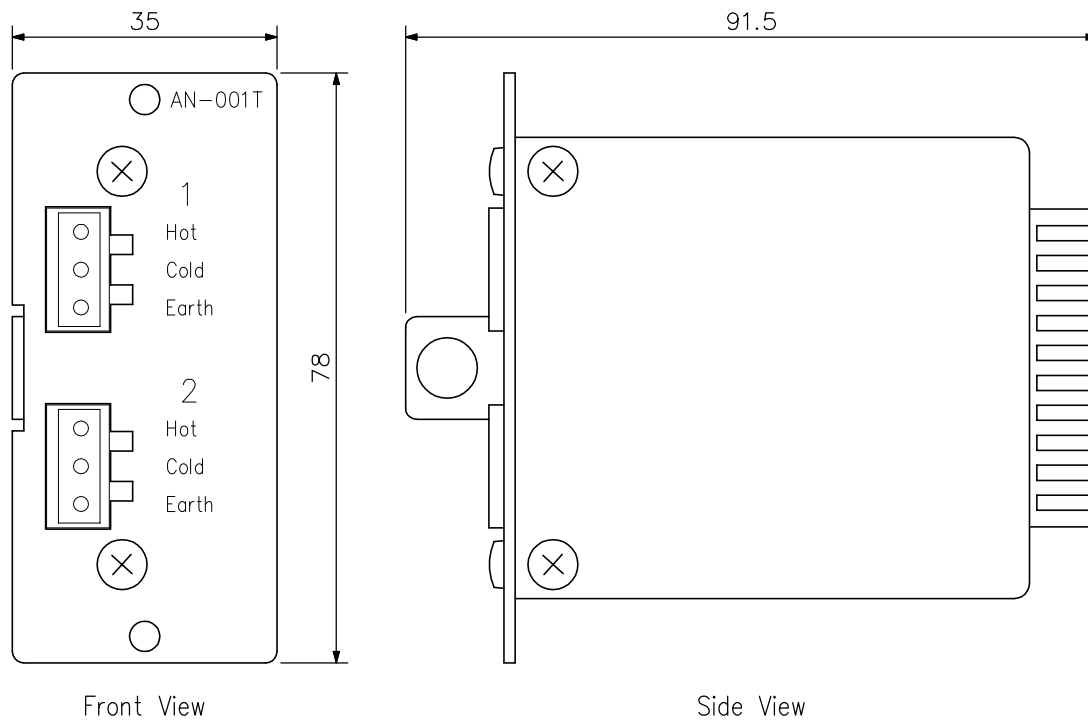
Phantom power (+24 V) can be supplied for condenser microphone use.

SPECIFICATIONS

* 0 dB = 1 V

Power Source	+24 V DC, -24 V DC, +6 V DC
Current Consumption	20 mA (at +24 V DC), 20 mA (at -24 V DC), 60 mA (at +6 V DC)
Input	Sensor input (Ambient noise sensor microphone 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)
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) \times 78 (H) \times 91.5 (D) mm
Weight	82 g
Accessory	Removable terminal plug (3 pins) \times 2, Module mounting screw \times 2
Option	Ceiling mount microphone: AN-9001

APPEARANCE



UNIT:mm SCALE:1/1