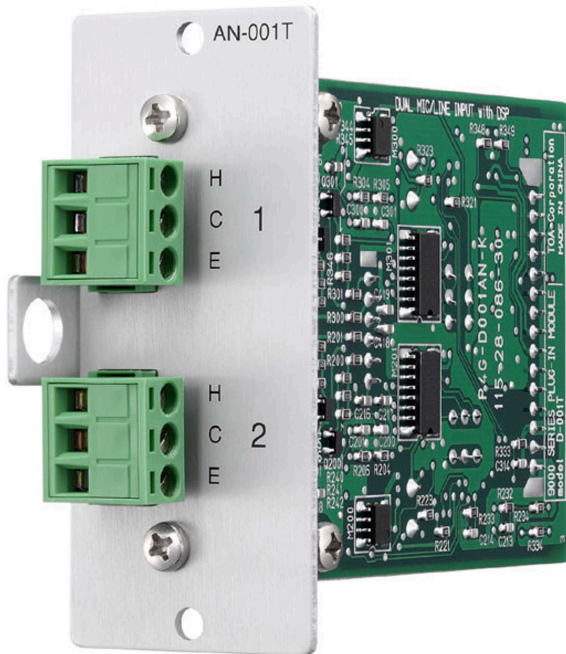


## AN-001T

### 9000SERIES PLUG-IN MODULE



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

### Key features

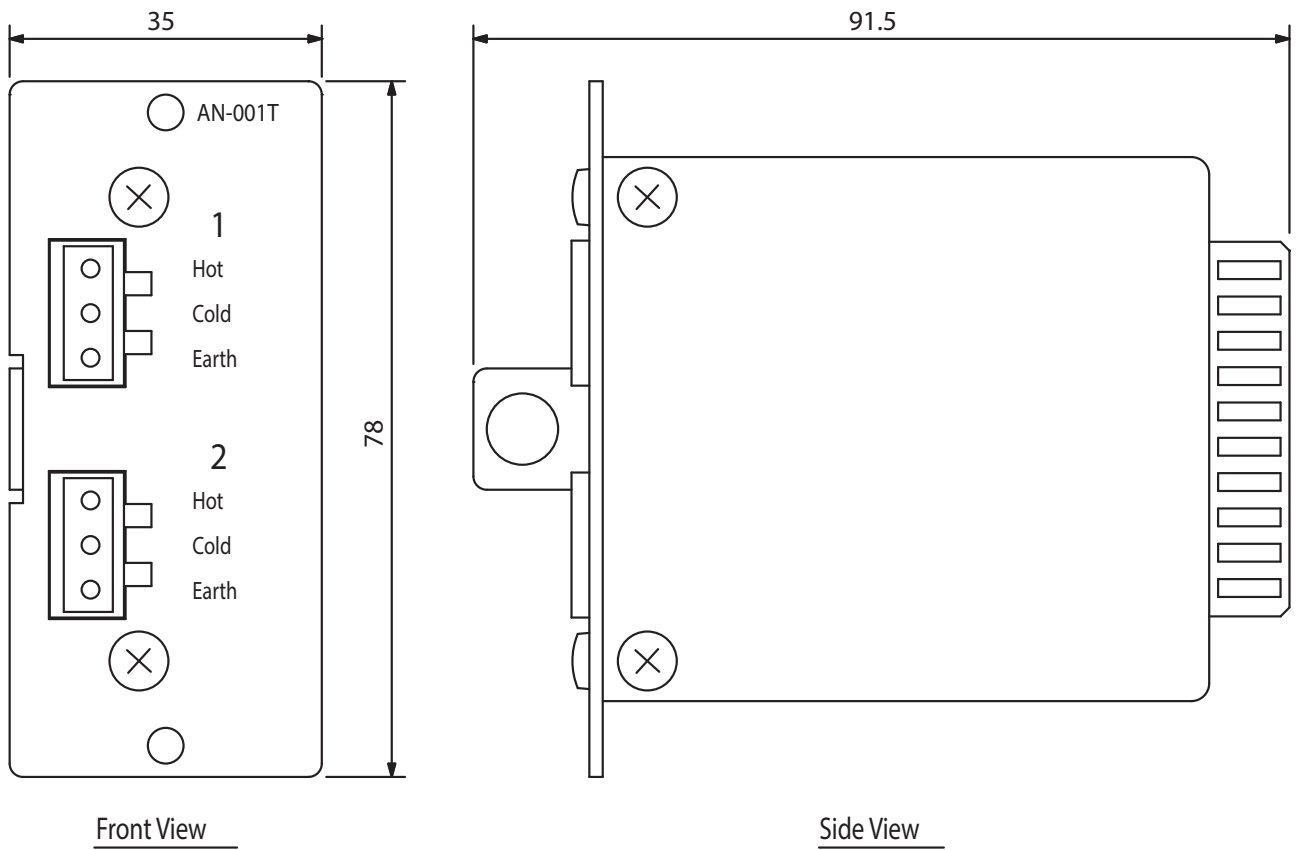
- Automatic adjusts output gain to compensate for changes in ambient noise level
- 2 microphone inputs with 24 V phantom power
- 14 preset gain ratios
- Each input can be assigned to control a specific output
- Only in combination with AN-9001 sensor microphone
- Max. 2 modules per chassis

## 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	Sensor input (Ambient noise sensor microphone input): 2 channels, 3 k $\Omega$ (when the phantom power is ON)/10 k $\Omega$ (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
Phantom Power	+24 V DC
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 (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
Optional Accessories	Ceiling mount microphone: AN-9001

## Dimensions



Front View

Side View

UNIT:mm

SCALE:1/1

## A&E specifications

Input module with 2 channels for ambient noise-controlled volume control. Connection of two symmetrical sensors and two 3-pin detachable screw connectors. Switchable phantom power for microphones.