



Microphone

TV-8M01



Description

This product is a high-fidelity pickup with two high-sensitivity directional condenser microphones, using ambient noise cancellation (ANC) environmental noise cancellation technology, built-in AGC processing technology, taking into account the processing of both large and small sounds, with a maximum pickup range of 150 square meters, including a dedicated potentiometer, stable and reliable volume adjustment; built-in lightning protection, power polarity reverse protection and electrostatic protection. It is suitable for banks, conference recording, teaching recording, security inspection, subways, museums and other places.

Features

- *Adopting two high-sensitivity directional condenser microphones, the sound is clear and natural;
- *Adopts Ambient noise cancellation (ANC) technology;
- *Built-in AGC processing technology, taking into account the processing of both loud and small sounds;
- *Equipped with a dedicated potentiometer, the volume adjustment is stable and reliable;
- *Built-in lightning protection, power polarity reverse protection and electrostatic protection;
- *It complies with RoHS standards and does not contain any hazardous substances banned by the EU in its structure.



Specification

Pickup range	5-150 sqm
Audio transmission distance	3000m
Sensitivity	-30dB
Frequency response	100Hz ~ 16KHz
Directivity	Omnidirectional
Signal-to-noise ratio	80dB (1m 40dB sound source SPL) 50dB (10m 40dB sound source SPL) 1KHz at 1Pa
Dynamic range	104dB(1KHz at Max dB SPL)
Maximum sound pressure	120dB SPL (1KHz, THD 1%)
Output impedance	Maximum 600 ohms unbalanced
Output signal amplitude	2.5Vpp
microphone	Diaphragm condenser microphone
Number of Microphones	Dual Microphones
Signal processing circuit	ANC environmental noise cancellation technology, AGC processing technology
Protection circuit	8KV Air contact ESD, lightning protection, power polarity reverse protection
Drive capability	Can directly drive headphones
Connection	3 leads (power, audio, common ground)
Transmission cable	3 core 0.5mm ² RVVP shielded cable
Supply voltage	DC 12V regulated power supply
Supply current	60mA
Operating temperature	0°C ~ 50°C
Color	White
Shell material	Metal
Dimensions	Φ80mm×25mm
Weight	0.17kg