



Omnidirectional HD Noise Cancelling Microphones

TA-CMIC-MSR-A12

Most suited for environments like Conference Rooms, Court Rooms, Airports, Police Stations, Corridors and other indoor environments

Features

- Circular HD audio monitoring microphone, 360° audio pickup.
- Advanced complementary enhance digital capacitor microphone, 10-120 m² in high definition, high fidelity and high sensitivity.
- Built-in micro adjustment potentiometer for range and sensitivity adjustment.
- Snap-in type attachment to meet a variety of environmental installation.
- Built-in shielding design, electronic white noise suppression circuit, no "hiss" electronic noise.
- Using "Triangulation" array technology and multistage dynamic noise reduction processing, catch complete and clear voice. Automatic noise recognition processing technology and AGC.
- With Echo Cancellation Technology which effectively reduce echo inside empty room.
- Built-in ALC microprocessor chip control circuit to control high intensity sound, reliably protect back-end audio monitor equipment.
- Integrated professional front audio amplifier circuit, direct drive active speakers, DVR, earphones, etc.
- Long audio signal transmission technology, please use the RVVP3*0.5mm² shielded cable for a distortionless transmission upto 2000 M.
- Built-in DSP digital processing units, conform to the high bandwidth, high linear, flat and stable response of digital age.
- Widely used in banks, schools, interrogation room, prison and other environment for synchronous audio and video recording.

Technical Specifications

Audio Range	10-120 m ² (adjustable)
Transmission Distance	3000 Meter
Frequency Response	125 ~ 18000 Hz
Sensitivity	-35 dB (35 mV/PA)
SNR	70dB(1m40dB)45dB(10m40dB) 1KHz at 1Pa
Audio Pickup	Omnidirectional
Dynamic Range	104dB (1KHz at Max dB SPL)
Max Sound Pressure	At 120dB SPL, THD < 1% At 125dB SPL, THD = < 10%
Output Impedence	600 ~ 1000 Ω non-equilibrium
Output Signal Amplitude	2.5Vpp/-25dB
Microphone Type	Advanced enhanced digital capacitor microphone
Signal Processing	AGC, DSP & Multistage dynamic noise reduction processing
Circuit Protection	Lightning protection, power supply polarity reverse connect protection, ESD protection
Connectivity	3 leading wires (red lead is power+, white lead is audio signal+, black is power-&audio signal-)
Supply Voltage	DC 10V ~ 18V (Up to 500 Meter 12V, more than 500 meters recommended is 15V)
Working Current	30 mA
Operating Temperature	0° C ~ 60° C
Color	White
Body Material	Advanced resin PVC and metal net
Product Size	80mm * 25mm
Product Weight	90 gram