



Omnidirectional HD Microphones

TA-CMIC-SSR-A11

Most suited for environments like Closed Rooms, Schools, Offices, Police Stations, Corridors and other indoor environments

Features

- Circular HD audio monitoring microphone, 360° audio pickup.
- Hi-Fi silver plated vibration membrane capacitor microphone, 10-80 m in high definition, high fidelity and high sensitivity.
- Built-in DNP and DSP digital processing unit, enhanced sensitivity to highlight human voice.
- Built-in micro adjustment potentiometer for range and sensitivity adjustment.
- Snap-in type attachment to meet a variety of environmental installation.
- Built-in AGC and DTS noise reduction signal processing circuit, automatically adjusts high strength voice and instantaneous impact sound.
- With Echo Cancellation Technology which effectively reduce echo inside empty room.
- Integrated professional front audio amplifier circuit, direct drive active speakers, DVR, earphones, etc.
- ATDA dynamic noise level detection, adaptive bandpass filter, effectively prevent the speech signal distortion and attenuation.
- Long audio signal transmission technology, please use the RVP3*0.5mm² shielded cable for a distortionless transmission upto 2000 M.
- Widely used in banks, schools, interrogation room, prison and other environment for synchronous audio and video recording.

Technical Specifications

Audio Range	10-80 m ² (adjustable)
Transmission Distance	2000 Meter
Frequency Response	70 - 18000 Hz
Sensitivity	-35 dB (35 mV/PA)
SNR	70dB(1m40dB)40dB(10m40dB) 1KHz at 1Pa
Audio Pickup	Omnidirectional
Dynamic Range	104dB (1KHz at Max dB SPL)
Max Sound Pressure	120dB SPL(1KHz,THD 1%)
Output Impedence	600 - 1000 Ω non-equilibrium
Output Signal Amplitude	2.5Vpp/-25dB
Microphone Type	High fidelity silver plated capacitor microphone
Signal Processing	DSP, AGC, ALC
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	20 mA
Operating Temperature	0° C ~ 55° C
Color	White
Body Material	Advanced resin PVC
Product Size	86mm * 22mm
Product Weight	62 gram