

# CP-FA-M100

## CCTV Microphone

- Circular HD audio monitoring microphone, 360° monitor pickup, capture the surrounding small sound.
- The structure of new housing and metal net design is simple and fashion, to make an impression.
- Hi-Fi silver plated vibration membrane capacitor microphone, 10~100m<sup>2</sup> in high definition, high fidelity and high.
- Built-in AGC and DTS noise reduction signal processing circuit, automatically adjust high strength voice and instantaneous impact.
- Built-in newest DNP and DSP digital processing unit, enhance sensitivity to highlight human voice.
- Built-in micro adjustment potentiometer, has a keen front sensitivity, its back snap-in type meet a variety of environmental installation.
- The echo cancellation technology of international leading level, effectively reduce serious echo of empty room.
- ATDA dynamic noise level detection, adaptive bandpass filter, effectively prevent the speech signal distortion and attenuation.
- Long audio signal transmission technology, use the RVVP3 x 0.5mm<sup>2</sup> shield cable, it is distortion less within 3km.
- Integrated professional front audio amplifier circuit, direct drive active speakers, DVR, earphones, etc.
- Widely used in banks, schools, interrogation room, prison and other environment for synchronous video audio monitoring recording.



### About CP PLUS

The brand that is on its way to lead the world when it comes to the security and surveillance industry, CP PLUS, keeps bombarding the market with the most reliable range of products that have been designed carefully and methodically to automate the whole surveillance and security process, no matter how big your premises are.

It was the initiative to help the public in the area where they are the most vulnerable and to empower the sense of safety in our hearts that had conceptualized CP PLUS. And embarking on its mission to make the world a safer and more secure place has taken the brand's journey to unprecedented levels even when compared to international competitors.



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Feature	Specification
Audio Monitor Range	10-100m <sup>2</sup> (adjustable)
Audio Transmission Distance	3000m
Frequency Response	20Hz~20kHz
Sensitivity	-35dB
SNR	70dB(1m40dB) 40dB(10m40dB) 1KHz at 1Pa
Directional Property	Omnidirectional
Dynamic Range	104dB (1KHz at Max dB SPL)
Max Sound Pressure	120dB SPL (1KHz, THD 1%)
Output Impedance	600 ~ 1000Ω non-equilibrium
Output Signal Amplitude	2.5Vpp/-25dB
Microphone	High fidelity silver plated vibration membrane capacitor mic
Microphone Quantity	1 Pcs
Signal Processing Circuit	DSP, AGC, ALC
Protective Circuit	Lightning protection, power supply polarity reverse connect protection, ESD protection
Connection Way	3 leading wires (red lead is power+ white lead is audio signal + black is power & audio signal)
Transmission Cable	RVVP3×0.5mm <sup>2</sup> shield cable
Power Supply	DC10V~18V (recommend to use 12V, more than 500 meters recommended 15 v)
Working Current	20mA
Working Temperature	-25°C ~ 70°C

Feature	Specification
Color	White
Material	Advanced resin PVC
Dimension	86mm x 22mm
Weight	62g

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