

DH-HAP201 Hi-fidelity Pickup



System Overview

This series product is suitable for the environment of high synchronization audio/video record quality such as public security, finance, education, building, energy sources, procuratorate, court, etc. It meets the audio collection requirements from the near distance in the indoor/outdoor environment, and the audio collection in the quiet or noisy scenario. Especially in the large hall or lobby (such as bank or administrative affairs hall), the noise from the scene and the continued echo resulting from the acoustic reflection may result in low audio recognition rate. This series product has the designated design on the structure, hardware, software and son on, which effectively solve the acoustic problem in the actual environment, and present the generally reliable audio/video surveillance experience.

Technical Specification

Performance

1 square meter–150 square meters (10.76 sq.ft–1614.59 sq.ft)
3000 m (9842.52 ft)
20 Hz–20 kHz
-38 dB
85 dB (1 m 40 dB audio source SPL) 52 dB(10 m 40 dB audio source SPL)1 kHz at 1 Pa
Omni-directional
0 VPP-4.6 VPP adjustable (75 dB sound pressure 1 kHz)
106 dB (1 kHz at Max dB SPL)
≤0.3% (74 dB sound pressure, A weighted)
120 dB SPL (1 KHz,THD 1%)
25Ω non-balanced
2.5 VPP/-25 dB
High-fidelity micro electromechanical system (MEMS) silicon microphone

- CPU built-in audio sampling module, low interference from the hardware circuit, audio signal has low noise
- Smart audio crack protection, auto low microphone sensitivity to meet the requirements of the high volume to reduce audio crack.
- Adopts wide dynamic range processing technology for the valid audio signal, balances the processing of high audio and low audio.
- High-sensitivity microphone, omni-directional pickup, clear audio, high anti-inference capability,
- Noise reduction via the algorithm to enhance signal definition.
- Auto gain and compensate the human voice frequency. Exaggerates the human voice in environment of lots of noise and can present the clear voice.
- It can effectively reduce the indoor reverberation resulting from the reflection via the wall, ceiling.
- It supports screaming control function and can greatly enhance the speaker effect when the pickup and the loud speaker are in the same environment.
- Built-in high-speed CPU, real-time processing audio signal, low latency.
- Built-in lighting protection, power two-polarity misconnection protection, static electricity protection.
- CE, FCC compliance.

Digital NR, reverberation, human voice enhancement, screaming control
8kV Air,6kV contact ESD lightening protection, power polarity misconnection protection
Built-in preamplifier circuit
3 lead wire: (power, audio, public GRD)
3-Pin mm ² RVVP shielded cable
12V DC (9V-18V)
0.72W (60mA)
-20 °C to +60 °C (-4 °F to +140 °F)
≤95%RH
0°C to +40°C (+32°F to +104°F)
≤95%RH



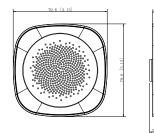
Audio Series | DH-HAP201

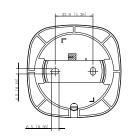
Color	White+grey
Casing	PC+ABS
Dimensions	79.6 mm × 79.6 mm × 21.5 mm (3.13" × 3.13" × 0.85")
Net Weight	0.06 kg (0.13 lb)
Gross Weight	0.11 kg (0.24 lb)
Certifications	
Certifications	FCC: 47 CFR Part 15,Subpart B:2016 CE: EN 55032:2015(Class B),EN50130-4:2011+A1:20 14,EN55024:2010+A1:2015

Ordering Information

Туре	Part Number	Description
Audio Series	DH-HAP201	Hi-fidelity Pickup
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Dimensions(mm/inch)







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