
DS-2FP4021-OW

Outdoor Water Proof Pick-up

Function Features:

- ECM high sensitivity microphone enables the pick-up sounds clearly and naturally;
- 360° omnidirectional sound pick-up, with high fidelity, low noise, and wide dynamic range;
- Built-in LPDE water proof membrane and stainless steel explosion-proof mesh;
- 6 dB EQ technology doubles the sound pick-up distance;
- AGC volume automatically adjusted based on the environment;
- Built-in pressure control amplification technology and self-adaptive noise reduction system;
- IP65 design is suitable for outdoor environment, e.g. squares, stations, and etc.;
- Compliance with RoHS standard, and do not include harmful substances in structures that prohibited by the EU;
- Compliance with EU CE standards, US FCC certification, and Synchronous Audio and Video Regulation of Supreme People's Procuratorate.

Order Model:

DS-2FP4021-OW

Appearance Picture:



Technical Parameters:

Model	DS-2FP4021-OW
Parameters	Outdoor Water Proof Pick-up
Pickup range	15 m
Audio transmission distance	1000 m
Sensitivity	-36 dB
Frequency response	100Hz to 20KHz
Directivity characteristics	ECM Omnidirectional
SNR	80 dB (1m @ 40 dB audio tone SPL)
Dynamic Range	94 dB (1KHz at Max dB SPL)
Maximum sound pressure	120dB SPL (1KHz, THD 3%)
Output impedance	600 ohm unbalanced
Output signal amplitude	2.5Vpp (Max.)
Microphones	ECM microphone
The signal processing circuit	EQ Control, AGC Control, Self-adaptive Noise Reduction
Protective Circuit	lightning protection, reverse polarity protection;
Drive Capability	linear drive 0.5W, directly connect to DVRs, headphones, and active speakers
Connection Mode	3-core (Power, Audio, GND)
Transmission Cable	3-core 0.5mm ² RVVP shielded cable
Supply Voltage	DC 12V (9V-18V)
Supply Current	40 mA
Working Temperature	-25°C to 55°C
Color	White
Protection Method	LPDE membrane, 304 mesh
Protection Level	IP65/IK08
Shell Material	Aluminum Alloy
External Size	60 mm × 60 mm × 140 mm (2.36" × 2.36" × 5.51")
Weight	185g (0.41 lb.)
Standards	CE Certification, FCC, Synchronous Audio and Video Regulation of Supreme People's Procuratorate