



Miniature Microphone & Amplifier Self-contained and Vandal Resistant



Benefits

- Highly intelligible audio with reduced noise and interference
- Vandal-resistant
- Small size
- Efficient and ready to use audio, with line level output

Features

- High performance microphone
- 12vdc powered, can optionally use battery power
- Immune from interference
- Sound picked-up from all directions

Applications:

- Covert wall, ceiling or desk mounting
- Body worn
- Interview recording
- External & weather proof
- In-built into CCTV cameras

The requirement to record a clear audio sound-track, in addition to camera images, is becoming more frequent. Since 1996, ClearView has manufactured and developed a unique range of miniature self-contained microphones, delivering outstanding audio quality for difficult applications including interview, custody and covert recording.

Features: The miniature MPA110 series

- Omni-directional microphone
- 12 VDC power in & line level out
- In-built pre-amplifier
- Self-contained vandal resistant or wall plate format
- Small vandal resistant unit measuring only 38W x 25H x 72L mm

Benefits:

The omni-directional microphone picks up sound from all directions to provide a comprehensive and highly versatile audio pick-up.

The vandal resistant unit is smaller than many stand-alone microphones meaning it can be effectively wall, ceiling or desk mounted. A body-worn version is also available.

Additionally the line level output offers the additional benefit of a robust audio signal, unlikely to be affected by radio signals or interference. Since the unit is powered by 12VDC, it may also be battery driven.

ClearView Communications are specialists in:

- CCTV
- Intruder Detection & Alarm
- Perimeter Security
- Access Control and Intercoms
- Automated Gates and Barriers
- Public Address
- Fire Safety
- Integrated Security Systems
- Police compliant equipment

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Applications:

The need to record crystal clear sound, in addition to camera images, is a necessity for applications like:

- Police interview rooms and custody suites
- School classroom recording
- Reception desks
- Railway stations
- Bank and post office counter recording

The MPA110 series of microphones includes a unique in-built amplifier for connection directly to a digital video recorder (DVR) or audio recorder.

Microphone technical specifications:

Typical maximum range: 25 metres

Polar pattern: Hemispherical (semi – omnidirectional)

Frequency response: 20Hz to 20,000Hz + 0dB-0.5dB

Equivalent input noise: -131.3dB 150R (30Hz to 15kHz)

Distortion: <0.009% at 1Khz

Common mode rejection: -100dB at 10kHz (max gain)

Maximum output level: +26dBu

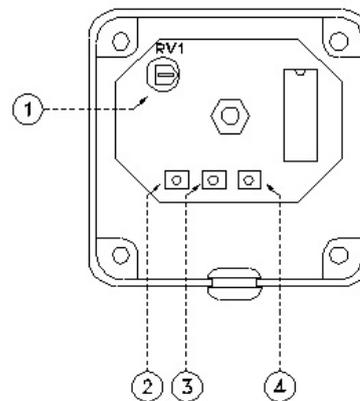
Input impedance: >3k ohms balanced

Output impedance (nominal): 4,400 ohm

Casing: Aluminium die-cast to BS1490 or MK wall plate

Pin connections

- Audio level adjust
- Audio output, signal
- 12 VDC input
- 0V input



For more information on our state-of-the-art miniature microphone systems, please call now on 01245 214 104 or email info@clearview-communications.com