LOUROE ELECTRONICS®
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D-ML/D-V-ML

MICROPHONES

INSTALLATION AND OPERATING INSTRUCTIONS

DESCRIPTION

Louroe Model D-ML and D-V-ML are omni-directional, mic level low impedance, electret condenser microphones. They can pick up normal sounds approximately 15' away if mounted to a wall, or within a 30' circle if ceiling mounted. The microphone is mounted to the back of a single gang stainless face plate. Verifact D-V-ML is designed for correctional facilities, or areas where vandalism is a concern. It contains the identical electronics as the Model D-ML Microphone but is mounted to a 16 gauge stainless steel face plate. Microphone opening is a hooded audio port for providing protection to the microphone. Tamper proof screws are included with the D-V-ML.

Both models come with pre-made 20' cable with stereo plug for direct connect to the audio input of the IP camera.

Both Models D-ML and D-V-ML fit into a standard single gang electrical box (not supplied).

D-ML
Microphone

D-V-ML
Microphone
Vandal Resistant

SPECIFICATIONS

Sensitivity	-45 dB/pa
Frequency response	50 Hz to 8 kHz
Output Impedence	1kΩ
Current drain	0.8mA
Supply voltage	1.8Vdc to 4.5Vdc
Backbox	Single gang electrical box (not included)
Dimensions (faceplate)	2 ¾" W x 4 ½" H
Weight	D-ML 6.5 oz D-V-ML 8 oz
Shipping Weight	1 lb

MECHANICAL INSTALLATION

D-ML and D-V-ML are designed to be installed in a single gang electrical box for flush or surface mounting to a wall or ceiling. It should be positioned 3 to 6 ft. from the area of desired coverage. Ceiling heights in excess of 10 ft. should be avoided.

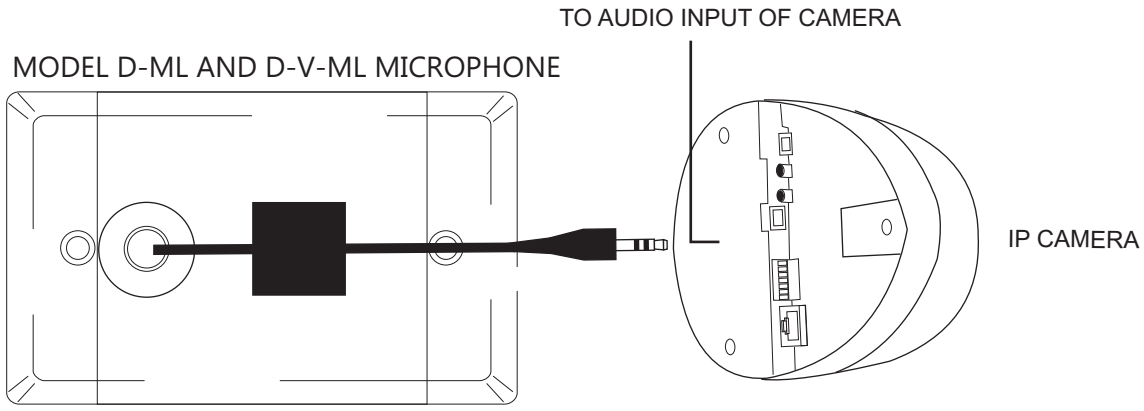
MICROPHONE CONNECTION

D-ML and D-V-ML Microphones connect directly to an IP camera with Mic Level audio input. Using the 20' pre-made cable, connect the end with a 3.5mm stereo plug to the input of the IP camera.

CAMERA SETUP

Different IP cameras has its own audio setup configurations. First, the **camera must be configured to have MIC Level audio input.** The audio gain has to be set so the sound at the speaker is not distorted. It might be also be necessary to adjust the gain of audio at the computer to get good undistorted audio.

Louroe Mic Level microphones have been tested on popular IP cameras that are in the market.



MANUFACTURED IN THE USA

IMPORTANT NOTICE

When this equipment is used as part of an audio monitoring system, the law requires that the public be given notice of AUDIO MONITORING ON THE PREMISES. A decal notice is included with each microphone shipped.

Federal Law References:
Federal Regulations, US Code, Title 18. Crime and Criminal Procedure, Sec 2510.

WARRANTY

LOUROE ELECTRONICS warrants that at the time of shipment products manufactured by LOUROE ELECTRONICS to be free of defects in material and workmanship. Should a defect appear within five years (60 months) from date of shipment, LOUROE ELECTRONICS will, at its sole discretion, repair or replace the defective equipment. This equipment shall not be accepted for repair or return without prior notification by LOUROE ELECTRONICS .

This warranty does not extend to any Louroe product that has been subjected to improper or incorrect installation, misuse, accident, or in violation of installation instructions provided by LOUROE ELECTRONICS.

Returned shipments to LOUROE ELECTRONICS shall be at customer's expense. LOUROE ELECTRONICS will return the equipment prepaid via best way.

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