

The ML1 series microphones are uni and omni-directional electret microphones for use with IP cameras accepting **microphone level input** signals (PC compatible input).

ML1 Microphone Placement

The ML1 should be placed as close as possible to the subject(s) to be monitored. The ML1 is useable at distances of up to 25 feet but is dependent on the quality of the camera / encoder and the level of background noise in the area. Do not mount the microphone near air conditioning vents, light fixtures or electrical equipment. Experimentation in the environment will determine what distances work best. For outdoor rated versions of the ML1, it is best to locate the microphone where it is not directly exposed to the elements to avoid accumulation of water, snow or ice.

Cable Run

The ML1 comes standard with a 6 foot cable. If needed, the cable can be extended up to 25'. We do not recommend extending cables over 25' as the microphone is more likely to experience 60hz hum or radio station pickup. You can order ML1's with any length cable up to 25' directly from ETS.

Connecting the ML1 to an IP camera

Your IP camera must have an audio input with a "microphone level" mode. Most cameras support both line and microphone level inputs. Be sure to select the "microphone level" input in the camera's audio setup menu. You may have to adjust the sound level in the software to get an acceptable audio volume. If your camera has a terminal block for the microphone input, you can order ML1s with a -FL (flying lead option) from ETS or you can cut off the 3.5mm connector, strip back the wires and place them into the connector. See figure below

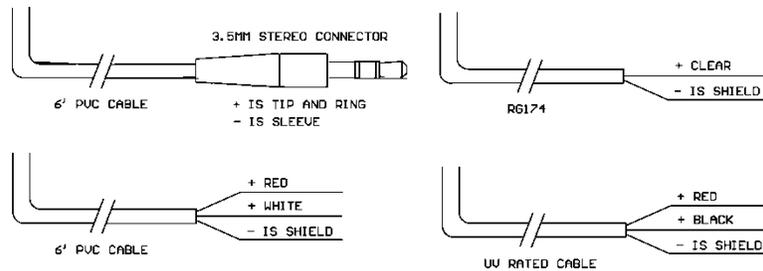


Figure 1. Conductor Identification for various ETS supplied cables

Caution

It may be against the law to install this microphone kit in certain environments. It may also be against the law to record conversations of the person(s) being monitored without their knowledge. It is the responsibility of the installation company and end-user to determine if the application of this product is legal. These laws vary from state to state. If you are not informed on these matters, consult a qualified attorney or contact the appropriate state agency. A sticker is provided with this kit for the applications where notification must be posted

Warranty

All ETS products carry a one year parts and labor warranty. This warranty does not cover damages as a result of misuse, improper handling of the unit or exposure to extreme temperatures or moisture. At its discretion, ETS reserves the right to repair or replace this unit under the conditions of the warranty. If you experience problems with your equipment call ETS at: 505-888-3923 to obtain a return authorization number. Equipment requiring repair beyond the warranty period or units that have been damaged or are not covered under the warranty can be repaired by ETS for a minimal cost under most conditions.

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By

ETS Inc.