



LC372M

Description

The LC372M remote microphone is an optional component of the IED LANcom SCS system for use with the LC372SR communications module. This microphone unit is for remote use in classrooms for intercom.

Related Products

LC372SR Sound Reinforcement Module

Features

- Remote Microphone Module for LC372SR classroom sound reinforcement module
- Omnidirectional in half-plane with full-range audio response
- Mounts in deep 2-gang electrical box
- Connects to communications modules using CAT5 or better structured cable and RJ-45 connectors
- Powered by +48VDC, provided by the LC372SR module

Specifications

Mechanical

Dimensions4.5" W x 4.5" H x 1.06" D
 (114.3mm W x 114.3mm H x 27mm D)
 Projection in Front of Plate 0.013" (32mm)
 Mounting Depth 1.00" (25.4mm)
 Mounting Box.....2-Gang Deep Box
 Recommended Electrical BoxSteel City 52151-1/2-3/4 (4" x 4" Box)
 with 53151-1/2 Extension

Electrical

Power 48VDC, 12.5 mA
 Max. Audio Output..... +27dBu
 THD <= 0.0033%
 Frequency Response..... -3dB @ 75Hz – 10kHz
 -20dB @ 20kHz
 Gain (Jumper Selectable)..... +52.7dB, +27.5dB or +6.6dB
 S/N @ 53dB gain (+24dBu output) 89dB
 S/N @ 26dB gain (+24dBu output) 110dB
 S/N @ 6dB gain (+24dBu output) 120dB

Connectors

Power and Audio Out.....RJ45
 Connects to LC372SR using CAT5 or better
 ** Do not use an RJ45 boot in the box at the module end **

Architect & Engineering Specifications

IED LANcom SCS microphone module shall be model LC372M or approved equal. It shall include a single microphone element with line-level preamplifier. Audio output and 48VDC power requirements shall be satisfied through CAT5 or better structured cable terminated with RJ-45 connector. The LC372M shall require a deep 2-gang electrical box for mounting and has overall dimensions of 4.500" H x 4.500" W x 1.0625" D.