



BASIC 2-WIRE/4-WIRE INTERCOM Model 11-11155



Application:

The 11-11155 Basic Intercom provides 2-wire or 4-wire voice communication. It is designed to operate on a nominal “0-dBm” line and enables communicating between any two points. It can be used in permanent installations for office-to-office or shop-to-office communications, “daisy-chained” through several locations or used for temporary communication during equipment cut-overs. It can also be incorporated into popular VOIP/ROIP systems.

Features:

Modular (RJ45) line connector.

Circuit board jumpers for configuration of several parameters:

- 2-Wire or 4-wire operation
- 600 Ohm or Hi-Z termination
- DC blocking

Automatic level circuits in transmit and receive circuits help keep audio levels constant. ALC can be defeated with jumpers on the circuit board

Audio power amp with short circuit and over-temperature protection.

Long-life, sealed reed-type talk switch.

TVS Line protection.

Provided with an external AC power supply, but can also be powered with a 12 VDC supply (e.g., “12 V” battery).

Cross mute (ground), Auxiliary PTT output and PTT foot switch connections standard.

Choice of microphones: Electret standard, gooseneck or desktop dynamic microphones available as an option.

Operation:

Operation of the 11-11155 is extremely simple. The unit is normally in receive mode so the user can listen to line audio. To transmit on the line, the user actuates the push-to-talk switch and speaks toward the microphone.

Physical Description:

The 11-11155 Intercom is built in a rugged enclosure, comprised of a heavy gauge, hard anodized aluminum base and painted, cold rolled steel top and rear panels. Line, power and auxiliary connections are all made at the back of the intercom. Receive sensitivity, microphone sensitivity and transmit level adjustments are available at the bottom of the intercom. Jumper selections for Receive impedance, 2-Wire or 4-Wire operation and enable or disable AGC are made inside the case.

Specifications:

- Construction: Heavy gauge, hard anodized aluminum base with painted steel upper panel.
- Size: 6 7/8" wide x 4 5/8" tall x 7 5/8" deep.
- Line Type: 2-wire and 4-wire, "0dBm" communication lines or incorporated into popular VOIP/ROIP systems.
- Receive Level: -20 to +12 dBm, with ALC knee set at -26dBm.
- Transmit Level: -26 to +3 dBm into 600 Ohms.
- Speaker: 3 1/2 inch, heavy duty with water-resistant cone.
- Audio Output: 1 Watt
- Power Supply: Nominal 12 VDC, 2.1 mm jack with center positive, externally accessible fuse.
- Line Connections: RJ45 connector on back panel.
- Auxiliary connections via pluggable connector accessible from rear of unit. Aux. connections include PTT foot switch, ground cross mute and Aux. Relay contact. Aux. Relay contact is a "Form A" contact, field configurable to provide an isolated closure or a pull-to-ground.
- Available adjustments: Receive Sensitivity, Transmit Level and Microphone Sensitivity.
- Push button with reed switch for long life. Switch illuminated with long-lasting LED.

Ordering Information:

11-11155 Basic 2-Wire/4-Wire Intercom

- To substitute a dynamic microphone on a gooseneck for the standard electret microphone, add "M" to the part number.
- To substitute a desk-style dynamic microphone with a PTT switch, add "D" to the part number.
- To add headset jacks for a "Plantronics-Style" headset using P-10 plug prong, add "H" to the part number.

Example: For a console with a gooseneck microphone and headset jacks, the part number is 11-11155MH.

Other optional equipment:

HSX-1010-00	Heavy Duty Foot Switch for Push-to-Talk
11-16001	Wall-Mount Kit. Includes brackets and hardware to mount your console on a vertical surface.
37-91073	Replacement external power supply