

Key Features

- Shift key and Assign key function
- Assignable level control
- Loudspeaker/Mic CUT button
- 5-character alpha-numeric displays
- Independent gain control per channel
- 2 In/2 Out GPI plus foot switch
- Can be supplemented with Trilogy expansion panels up to 64 keys
- Compatible with Gemini, Mercury and other Trilogy intercom systems



10-Key IP Panel

Trilogy's range of intercom systems are supported by an extensive range of versatile, high quality panels designed to offer operators flexibility and intuitive operation.

Description

The 10-key IP Lever panel is a dual-action lever key user panel that allows subscribers to access the Mercury IP network when used in conjunction with Trilogy's Mercury Interface Unit (MIU) or a Gemini intercom matrix. The panel has 10 lever keys, 5-character alpha-numeric displays, a gooseneck microphone, a headset connector, and a built-in speaker.

Operation

The 10 dual-action lever keys can be programmed to call another control panel, listen to and call an outside subscriber, receive and transmit on a radio system, answer and make phone calls, or as a Quick Response (QRS) key used to reply to callers if a dedicated key is not programmed. The dual-action lever keys is a spring-loaded switch so that it always returns to the center "rest" position. Related functions can then be assigned to the up and down positions and configured in different combinations of Latching/Momentary, or Listen/Speak modes to suit user's preferences. For example, the up position can be used to listen to a radio channel, while the down position can be used to transmit over a radio. The shift function allows up to 3 additional pages to be configured on the panel. When engaged, any active keys remain in service but the displays change to show an alternate page of targets.

The red "cut" switch is software programmable to act as either loudspeaker and/or microphone cut, or as a changeover to the headset.

The Assign key allows the operator to temporarily change the assignment of panel keys. The facility can be enabled on a key-by-key basis by the system administrator.

The Rotary Encoder (REN) provides a programmable level control for all sources reaching the panel, allowing an operator to set a personal audio mix of multiple sources.

IP Functionality

The panels can connect back via a LAN or managed WAN connection and into the IP panel interface card in the matrix. The panels support DHCP or fixed IP addresses, once connected to panels provide a 7KHz audio and low data rate link back to the matrix which is managed and set up by the configuration software. The Gemini matrix can support up to 8 of these panels.

Order Codes

700-38-00B: 10-Key Lever IP Panel (1RU)

Technical Specifications

General

10 fully programmable lever keys
19" x 1RU rack mounting
5 character liquid crystal per key

Microphone

300 mm fixed gooseneck

Power

90-250 VAC, 50-60 Hz
150mA @ 90V, 50mA @ 250V

Connectors

Matrix Interface, Expansion & Ethernet: RJ45

Headset: XLR5

Audio I/O: 15-pin, D type

GPIO: 9-pin, D type

Safety Approvals

CAN/CSA C22.2 No. 60950-1-03 & ANSI/UL 60950-1-2002
FCC Part 15, Subpart B (2004)

Dimensions

19 x 1.76 x 4.72 in. (WxHxD)
(485 x 44.5 x 120 mm)

Weight

3.4lbs (1.54kg)