

V-Series Iris 2RU 32-Key Lever Panel

For Mercury Matrix Systems

Linking
People
Together



V-Series Iris 2RU 32-Key Lever Panel

Key Features and Benefits

- Color OLEDs for quick and easy key differentiation
- Individual up/down audio level controls for personal mixes
- Optional repositioning of Reply key
- International 10-character alphanumeric fonts: Cyrillic, Hangul, Kanji, Katakana and Arabic
- Built-in Interfaces: Matrix (direct connect), Matrix (direct connection, second channel), GPIO, Aux Audio, 2nd Headset
- Multi-channel Matrix Connections: Direct connect (main + second channel)
- Vertical font display option

The V-Series Iris™ Lever Color Panels are user control panels that operate in conjunction with the Mercury Digital Matrix Systems.

Description

The V-Series Iris Lever Panels are user control panels that operate in conjunction with Mercury Digital Matrix Systems. Lever panels feature one display window per “key” and provide Listen (up) and Talk (down) operation for the displayed label. Latching and momentary operation is software configurable. The Listen (up) path does not have to be the same as the Talk (down) path. A Talk/Listen LED status indicator is provided below the display window. When a talk path is active (down) the status will indicate a red color, and when a listen path is active (up) the status will indicate a yellow color.

Display

All V-Series Iris panels have international alpha-numerical, 10-character, color OLED displays, providing high-contrast key labels and information. The color OLEDs provide user configurable color text for intuitive and efficient key differentiation. The animated color level bar offers instant crosspoint listen level information.

Functionality

The device is a 32-key, 2RU lever panel. Each key has associated up/down audio level control buttons. A menu button gives the user access (if allowed) to make changes to the panel functions, system assignment and set ups. A shift key gives access up to eight additional pages. Panels include rear audio connections for external audio with options, hot mix out and GPIO's for footswitches and push-to-talk keying.

Panel Type

The 2 Rack Unit (2RU) panel comes with 32 configurable lever keys and 64 up/down level control buttons.

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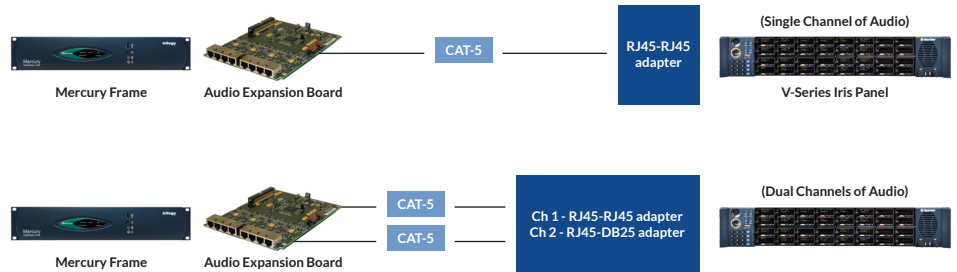
Order Codes

VI-TPNL-32L-X7B: 2RU Lever Display Panel with 7 pin XLR Headset connector, RJ45-RJ45 Adapter & D25-RJ45 Adapter

VI-TPNL-32L-X7: 2RU Lever Display Panel with 7 pin XLR Headset connector, RJ45-RJ45 Adapter

V-Series Iris Connectivity Options

Analog single channel connectivity back to the Audio Expansion Board, offering analog 4-wire audio over dedicated CAT5 cabling.



Technical Specifications

Front Panel Controls & Connectors

Talk/Listen Switches: 32 (2RU)
Answer Back Switch: Configurable (None, 1 or 2)
Volume Controls: 2 (Main and Aux)
Headset Connector: 1 (XLR-7M)
Panel Mic Connector: 1 (3-pin)

Rear Panel Connectors

GPIO: DB25F
Matrix: RJ45 (single-channel)
Matrix (IP): RJ45 (not active)
Auxiliary Audio Second Channel: DB25M
Expansion Panel: RJ45 (not active)
DC Power: 4-pin DIN (with locking sleeve)

Headset Audio

Earphone Impedance: From 32 Ohms
Output Power: 75mW into 50 Ohms
for <1% distortion

Loudspeaker Audio

Frequency Response: 40Hz-20kHz +/- 3dB

Panel Microphone Input

Type: Electret
Level: 40-70 dBu
Impedance: 1700 Ohms +/- 10%

Headset Microphone Input

Type: Dynamic or Electret
Level: -40 - 0 dBu

Main Power Supply (External)

Voltage: 100/240V AC +/- 10%
Frequency: 50 - 60Hz
Power: 60W maximum

Environmental

Operating: +32° - +113°F (0° - +45°C)
Storage: +32° - +150°F (0° - +70°C)
Humidity: Between 20% and 90%,
Non-Condensing

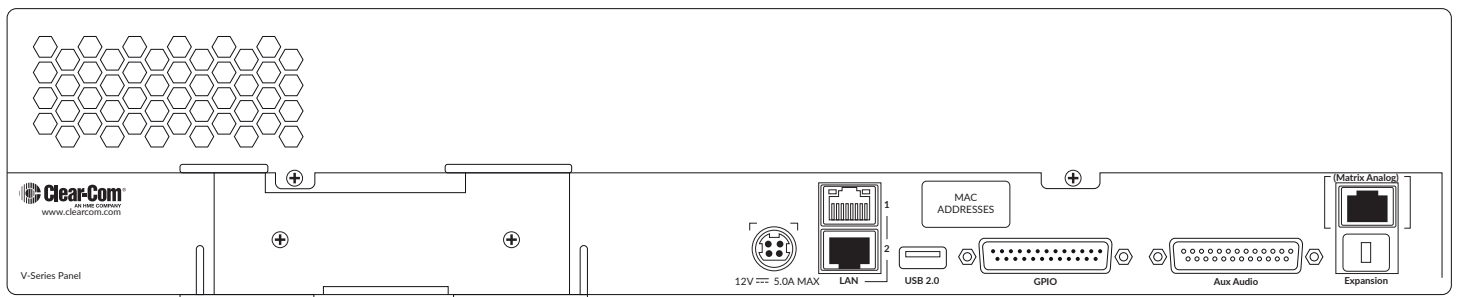
Dimensions

19 x 3.5 x 6.75in (WxHxD)
(483 x 89 x 172mm)

Weight

2RU: 6.2lbs (2.78kg)

Back Panel



2RU V-Series Iris Back Panel