

RemoteAUX Panel



Easy to use, remote functionality from source to source.

Echolab Remote AUX Panel

Model: 7-RA32

- Control the routing of up to 12 auxiliary outputs in analog or digital format
- Select from up to 32 external sources in analog or digital format
- Select from up to 15 internal switcher sources
- Includes a Jump function to quickly switch back and forth between sources
- Lock specific auxiliary outputs so that the source routing cannot be modified by specific panels
- Requires 2RU of rack space, but can also be installed on a table top
- Includes a simple software configuration utility to customize the network settings
- Multiple Remote AUX Panels can be used with each Opera switcher

Echolab's new remote control panel is ideally suited and certified for use with Echolab's Opera series of broadcast-quality video production switchers. The Echolab Remote AUX Panel uses an Ethernet connection to communicate with an Echolab Opera switcher to modify the sources routed through one or more auxiliary outputs.

As a separate control unit for an Echolab Opera switcher, the Remote AUX Panel provides easy to use, remote functionality for basic cuts from source to source. In many live video production environments, the Remote AUX Panel is used to control the sources that are routed to large video screens or monitors and it is a vital component in the overall production process.

As a signal-monitoring tool, the technician could be assigned one or more auxiliary outputs from the switcher. When the director asks the technician to adjust the levels on a tape machine, or shade a camera, the technician can do so without involving the technical director, and without using expensive routing or distribution equipment to view the quality of the video source. Once the adjustment has been completed, the technician can report back to the director and the technical director can take the video source to air.

Echolab Remote AUX Panel

The Remote AUX Panel has 32 buttons with the following mapping. See diagram below for reference.

Auxiliary Output Buttons

The Auxiliary Output buttons provide direct access to 6 auxiliary outputs 1 through 6 and shifted access to auxiliary outputs 7 through 12. On switchers with fewer auxiliary outputs, the extra buttons will not be used.

External Source Buttons

The External Source buttons provide direct access to external sources 1 through 16 on the switcher.

On switchers with more than 16 external sources, the External Source buttons also provide shifted access to sources 17 through 32 on the switcher.

Switcher Source Buttons

The Switcher Source buttons provide direct access to the following internal sources

- Black
- Color 1
- Frame Buffer 1
- Alpha 1
- ME2 Program
- ME1 Program
- ME0 Clean Feed 1
- ME0 Program

The Switcher Source buttons also provide shifted access to the following internal sources

- Color 2
- Frame Buffer 2
- Alpha 2
- ME2 Preview
- ME1 Preview
- ME0 Clean Feed 2
- ME0 Preview

Note: Frame Buffer 2 and Alpha 2 may not be available on all switchers. ME1 and ME2 Program and Preview may not be available on all switchers.

Jump Button

The jump button is used to switch between the current and previously selected sources for a particular auxiliary output.

Shift Button

The Shift button is held down to access the shifted sources and outputs.

Rear Unit

10 BASE-T Ethernet Connection

The 10 BASE-T Ethernet connection is used to connect the Remote AUX Panel to the studio's Local Area Network (LAN) using standard CAT-5 cables

Serial Port Connection

The serial port connection is used to configure the Remote AUX Panel with the Software Configuration Utility

Ethernet Status Indicators

The Ethernet Status Indicators represent activity related receiving and transmitting data between the panel and the LAN.

IP Address Rotary Switches

The IP Address Rotary Switches are used to set the least significant byte of the Remote AUX Panel's IP address.

SYSTEM SPECIFICATIONS

Physical Dimensions

- HxWxD = 19.0"x6.0"x3.25"
- 2 Rack Units

Power Supply

- Input Voltage Rating: 110V - 240V AC
- Input Voltage Range: 90V - 264V AC
- Input Current: 1A (RMS) at 115V AC, 0.5A (RMS) at 230V AC
- Power Rating: 30W
- AC Input Frequency: 47 - 63Hz
- Operating Temperature: 0 - 45 °C
- Humidity: 8 - 90%
- DC Output Connector: 2.1mm, 5.5mm center positive
- Over Voltage Protection: 130% over voltage protection (shut down above)

Remote AUX Panel

- Input Voltage Rating: 12V DC
- Input Current: 1.25A
- Power Rating: 15W
- Operating Temperature: 0 - 45 °C
- Humidity: 8 - 90%
- DC Input Connector: 2.1, 5.5 mm center positive

Cables

Serial DB9 M/F Null Modem Cable

- 10' cable included
- 9-pin Male to 9-pin Female Connectors

CAT-5 Cable

- 10' cable included
- Maximum length: 300' (100m)
- Connectors: Standard RJ-45 8P8C Ethernet Connector

Power Cable

- 6' NEMA 5-15 cable included
- Connectors: Type B (American 3-pin)

Product Package Contents

The Echolab Remote AUX Panel includes everything necessary for smooth operation with an Echolab video production switcher. Specifically, the package includes:

- Echolab Remote AUX Panel
- Power Supply and Power Cable
- 10' CAT-5 Ethernet Cable
- 10' NULL Modem Serial Cable
- Echolab Product DVD
- Echolab Remote AUX Panel Software Configuration Utility
- Echolab Remote AUX Panel Product Manual
- Access to the Echolab Product Information Portal

Regulatory Compliance

The Echolab Remote AUX Panel and power supply is FCC and CE compliant and UL listed.



Software Configuration Utility

The Software Configuration Utility will allow the user to modify the following Remote AUX Panel settings using an Ethernet or Serial connection.

- Default gateway
- Three most significant bytes of the panel's IP address
- Subnet mask

