

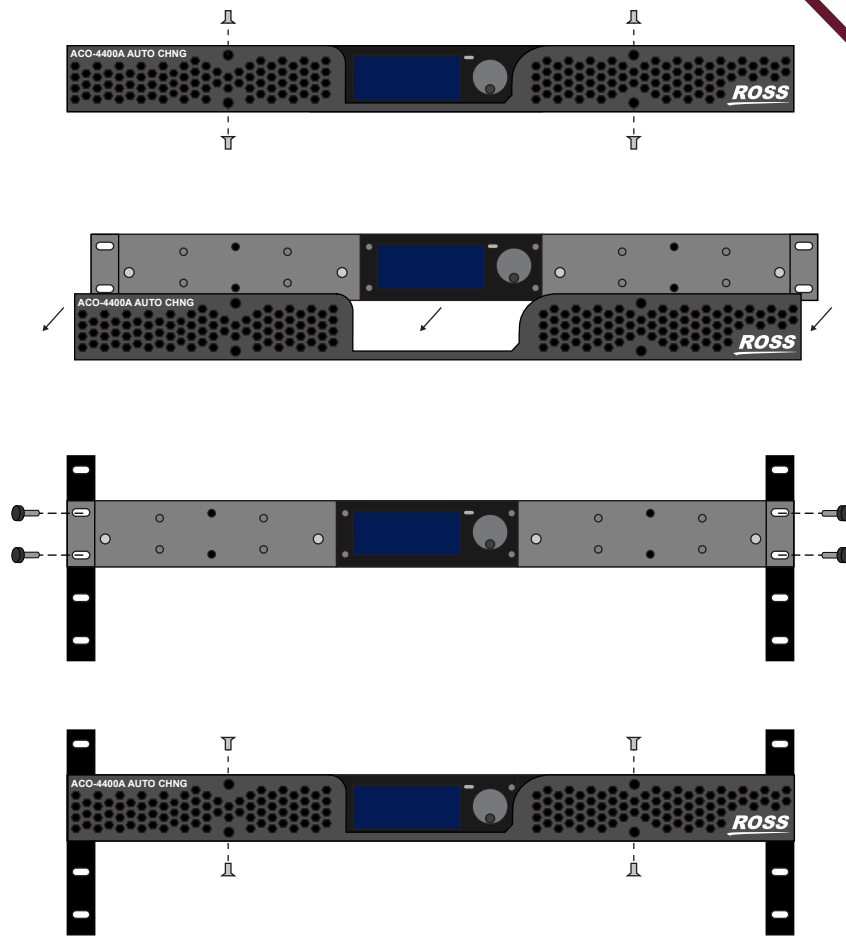
ACO-4400A Installation and Cabling



Before you set up and operate your ACO-4400A, see the "Important Safety Instructions" section in the ACO-4400A User Manual.

The ACO-4400A User Manual is available on the Documentation Disc that shipped with your unit.

Rack Mounting

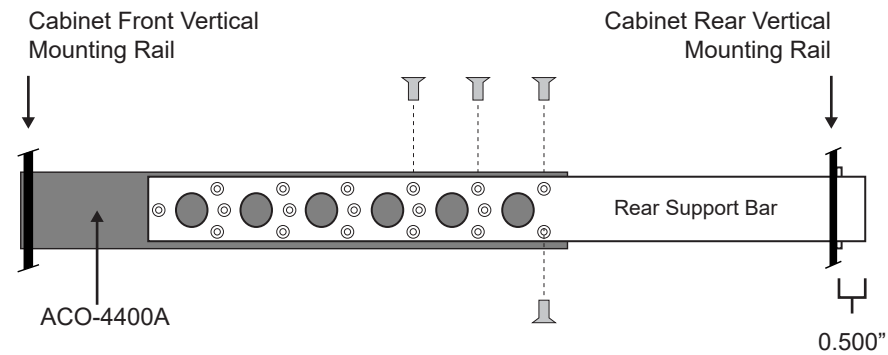


Rear Support Brackets

Warning: Do not use the support brackets to carry the ACO-4400A. The brackets are not primarily designed for this purpose, and property damage or personal injury may result.

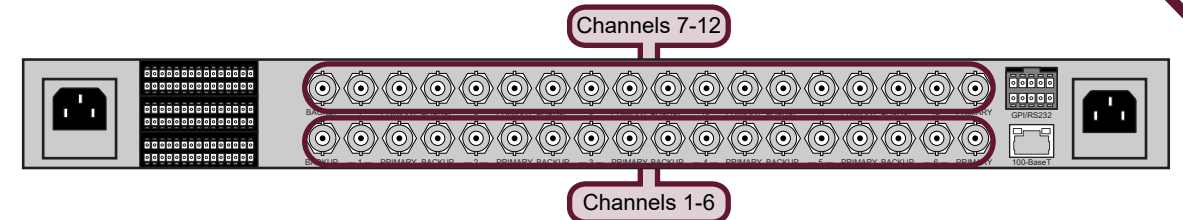
To install the support brackets

1. Select a mounting position that allows rear support bars to slide into slots of the brackets.
2. Choose the position that suits the cabinet depth and gives approximately a 0.5" projection beyond the previously mounted bracket.
3. Using four screws per bracket, attach both bars.

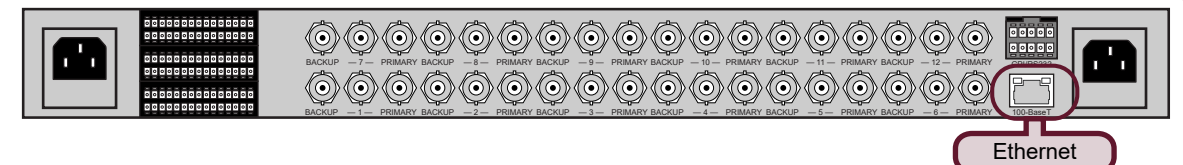


4. Mount the frame to the front rails of the rack cabinet using rack screws.
5. At the rear of the cabinet:
 - a) Slide the bracket slots over the rear of the support bars.
 - b) Secure to the cabinet rear rails with rack screws.

BNC Cabling

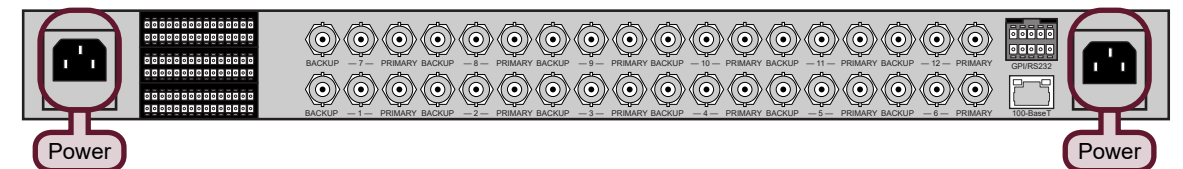


Communications Cabling



Note: The GPI/RS-232 port is not implemented.

Power Connections



Note: The ACO-4400A powers on automatically when the power supply is plugged in.

Specifications

Physical Specifications	
Clearance	Side: 2.00" (50mm)
	Rear: 3.00" (75mm)
Height	1.71" (43.5mm)
Width	19.00" (482.5mm)
Depth	15.95" (405mm)
Temperature	Op: 0°C to +40°C
	Non-op: -20°C to +60°C

BNC Channels (Per Channel)	
Connector Type	3 x 75ohm BNC
Return Loss	>20dB to 1GHz
	>14dB to 3GHz
Max. Switched Voltage	30V DC (30V AC)
Max. Switched Current	0.5A
Relay Switch Time	Set time: max. 3.5ms
	Release time: max. 2.5ms
	Set/Release time: max. 10mS
Insertion Delay	<1ns

Ethernet Interface	
Connector Type	RJ45 - 8P8C
IEEE Standards Compliance	802.31-1990, 802.3u-1995.

AC Power Source	
Operational Voltage Range	120-230VAC 50-60Hz
Absolute Limits Voltage Range	90-264VAC, 47-63Hz
Operational AC Current (each PSU)	<130mA @ 230VAC
	<200mA @ 120VAC
Surge Current (each PSU)	<40A @ 230VAC
	<20A @ 120VAC
Power Consumption (dual PSU)	46VA (21W)
	Single output, AC-DC

Balanced (Unmonitored Channels, Relay)	
Connector Type	MicroClasp™ 2mm
Return Loss	>17dB to 50MHz
	>4dB to 270MHz
Max. Switched Voltage	48 V DC (24V AC)
Max. Switched Current	1A
Relay Switch Time	Set time: max. 3ms
	Release time: max. 2ms
	Set/Release time: min. 9mS
Insertion Delay	<1ns

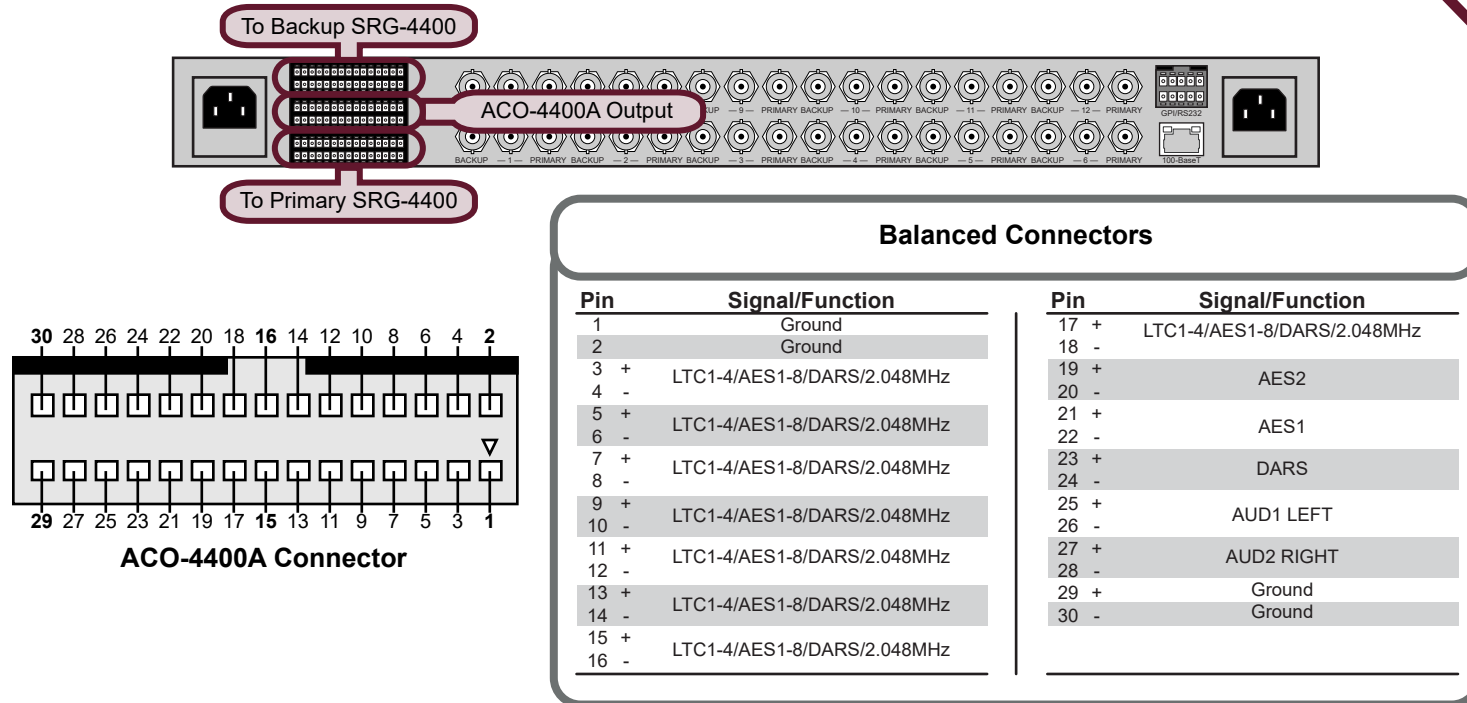
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Connecting an SRG-4400

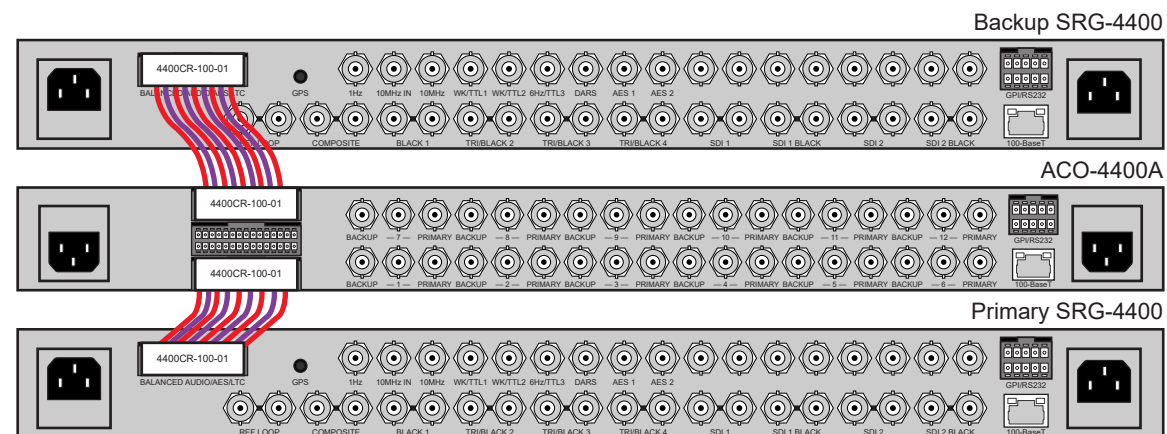


To connect the Primary SRG-4400 to the ACO-4400A

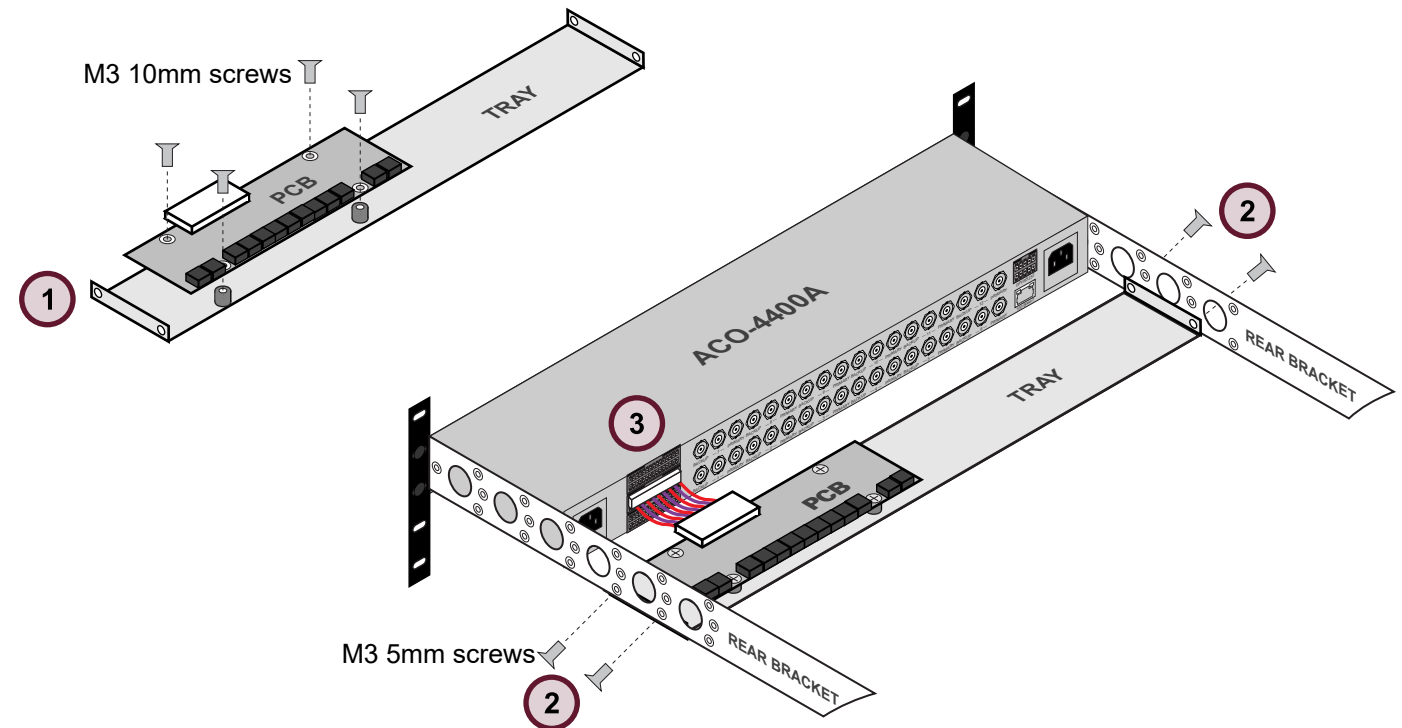
1. Connect one end of an Interface Cable (PN 4400CR-100-01) to the **BALANCED** connector on the Primary SRG-4400 rear panel.
2. Connect the other end of the same Interface Cable to the **bottom** 30-pin connector on the ACO-4400A rear panel.

To connect the Backup SRG-4400 to the ACO-4400A

1. Connect one end of an Interface Cable (PN 4400CR-100-01) to the **BALANCED** connector on the Backup SRG-4400 rear panel.
2. Connect the other end of the same Interface Cable to the **top** 30-pin connector on the ACO-4400A rear panel.



Installing the Breakout PCB



Set the IP Address

Note: You must set the IP address of the ACO-4400A from the front control panel after power up. Contact your facility Network Administrator for the required network settings.

To set the IP Address for the ACO-4400A

1. Use the **Rotary/Push Control** dial on the front panel to display the **Network Menu** on the front control panel: Operational Menu > System Menu > Network Menu.

```

Network Menu
IP Address           = 000.000.000.000
Subnet Mask         = 000.000.000.000
Gateway             = 000.000.000.000
MAC Address         = 00:00:00:00:00:00
    
```

2. Use the **Rotary/Push Control** dial to set the IP Address, Subnet Mask, Gateway, and MAC Address for the ACO-4400A.
3. Use the **Back** button to return to the Operational Menu.



Having a problem? Call our free, 24-hour technical support hotline to speak with a live product specialist located right here in our facility.

Tel: (+1) 613 • 652 • 4886

Email: techsupport@rossvideo.com