

IP I/O Blade Installation

The Evertz® IP Input and Evertz® IP Output blades are boards designed by Evertz® to be installed into the Acuity® frame. This document provides information on installing the boards into the frame. Refer to the documentation that came with your Evertz® IP Input and Evertz® IP Output blades for setup and operation information.

Use the following option codes to order additional blades.

Option	Description
ACU8-EXEIP-IN	Evertz® IP Input blade for Acuity® 8RU frame
ACU4-EXEIP-IN	Evertz® IP Input blade for Acuity® 4RU frame
ACU8-EXEIP-OUT	Evertz® IP Output blade for Acuity® 8RU frame
ACU4-EXEIP-OUT	Evertz® IP Output blade for Acuity® 4RU frame

Installation

The Evertz® IP Input and Evertz® IP Output blades can only be installed into specific groups of slots in the Acuity® frame running version 4.0c or higher software. The Octane® frames do not support these boards.

Note: Due to power requirements, using optical SFPs reduces the maximum number of Evertz® IP Input and Evertz® IP Output blades you can install into the switcher. If you are using copper twinax SFPs there are no restrictions on the number of blades.

Note: The redundant power option must be installed in the 8RU frame.

Table 1: Maximum Boards with Optical SFPs

Boards	8RU Frame	4RU Frame
Evertz® IP Input Blades (max)	5	2
Evertz® IP Output Blades (max)	2	1

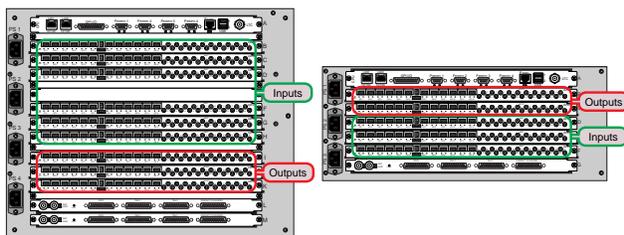


Figure 1: Acuity® Frames Board Slots

To Install The Board



Warning Hazardous Voltages: Hazardous voltages are present in this device as long as any of the power supplies are connected to the AC power.



ESD Susceptibility: Static discharge can cause serious damage to sensitive semiconductor devices. Avoid handling the switcher circuit boards in high static environments such as carpeted areas and when synthetic fiber clothing is worn. Touch the frame to dissipate static charge before removing boards from the frame and exercise proper grounding precautions when working on circuit boards.

1. Refer to any instructions that came with your new board for special installation instructions.
2. Locate the slot in the rear of the frame where the new board is to be installed.

Tip: If a board is already installed in that slot and needs to be removed, undo the retaining bolts and slide it out of the frame.

3. Inspect the power connector blades on the edge of the board to ensure that they are not bent or damaged.



Figure 2: Power Connector Blades



Important: If the blades in the power connectors are bent or damaged, contact Ross Video Technical Support. Do not attempt to install a damaged board.

4. Align the edges of the board with the guide rails and slide the board into the slot. When the board stops sliding freely, push firmly to seat the board and secure it with the retaining bolts.



Important: If there is significant resistance when seating the board, remove the board from the frame and inspect the connectors for bent pins or other damage to the connectors.