

DESCRIPTION

The FR-683/684 mounting frames accept any type of 680 series video distribution amplifiers in any slot. Outputs are provided with BNC connectors, simplifying solutions to signal distribution and processing such as clamping, equalization, clipping, remote gain, and delay. This equipment is renowned for its high quality and reliability. Design considerations ensure compatibility with both earlier and future developments.

Frame Styles and Sizes

The mounting frames have fold-down front panels. Each frame is pre-wired with a full set of BNC connectors mounted to the rear. This ensures superior performance, simplicity of ordering, and easy installation.

The 1RU FR-683 mounting frame comes complete with one 684PS power supply and accepts any mix of up to four 680 series amplifiers with looping inputs and eight outputs.

The 2RU FR-684 mounting frame accepts any mix of up to ten 680 series amplifiers with looping inputs and eight outputs. It comes complete with one 684PS plug-in power supply and is pre-wired for an optional second 684PS when total power back-up is desired.

Inter-frame DC power connectors allow the sharing of power supply redundancy between frames. A single power supply is required per frame, while only one extra power supply is required when several frames are interconnected.

To combine both audio and video DAs in a single frame, see FR-684AV.

Power Supply

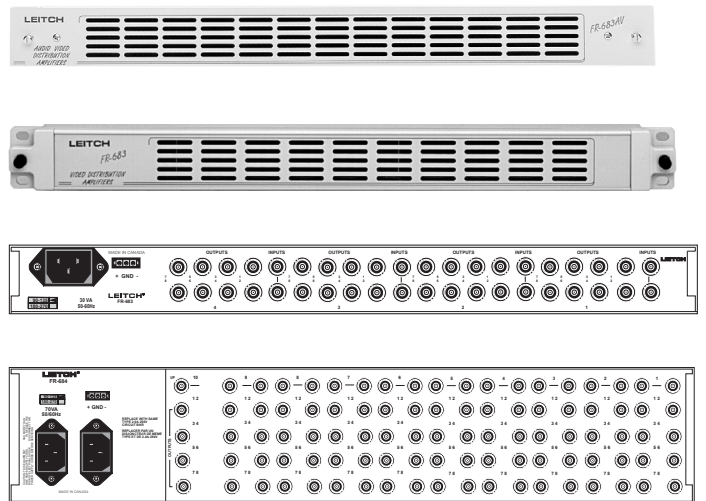
The high-efficiency, switchable 684PS plug-in power supply accepts line input voltages of 90-135 and 190-265 VAC. The supply easily handles any mix of ten 680 series amplifiers under worst-case load conditions. Also available is the 684PS-48 48VDC plug-in power supply for telecom and cable applications.

FEATURES

- ▶ Four 8-out video DAs in 1RU
- ▶ Ten 8-out video DAs in 2RU
- ▶ Accepts any 600 series DA
- ▶ Redundant power supply available for 2RU frames
- ▶ Switchable 90-135/190-265 VAC or 48VDC power supplies available
- ▶ Inter-frame power supply redundancy

Distribution Amplifiers

The 680 series video distribution amplifiers include models for composite or non-composite video, subcarrier and pulse distribution, cable equalization, clamping, clipping, remote gain, and delay. Descriptions and specifications of the various amplifiers are contained in separate data sheets.



SPECIFICATIONS

Specifications and designs are subject to change without notice.

ELECTRICAL

684PS (120V)

Input Voltage	90-135 VAC
Frequency	50/60 Hz
Power	50 VA max.

684PS (240V)

Input Voltage	190-265 VAC
Frequency	50/60 Hz
Power	50 VA max.

MECHANICAL

FR-683

Height	44 mm (1.75 inches)
Width	483 mm (19")
Depth	280 mm (11")
Nominal weight with modules	5.5 kg (12 lbs)

FR-684

Height	88 mm (3.5")
Width	483 mm (19")
Depth	280 mm (11")
Nominal weight with modules	7.3 kg (16 lbs)

ORDERING INFORMATION For more information visit www.leitch.com

FR-683	4 DA frame with power supply
FR-684	10 DA frame with power supply
684PS	Redundant power supply (120-240 V switchable)
FR-683-48	4 DA frame with 48VDC power supply
FR-684-48	10 DA frame with 48VDC power supply
684PS-48	Redundant power supply (48 VDC)
101ME	Module extender