DESCRIPTION

The FR-883/4 mounting frames accept any type of the 880 series audio distribution amplifiers in any slot. The modular concept facilitates system design. Isolation between modules in the mounting frame is better than 100 dB over the entire audio frequency spectrum. Design considerations ensure compatibility with both earlier and future developments.

Frame Styles and Sizes

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

The 1RU FR-883 mounting frame comes complete with one 884PS power supply, a set of forty Acon plug-in connectors, and accepts any mix of up to four 880 series amplifiers.

The 2RU FR-884 mounting frame accepts any mix of up to twelve 880 series amplifiers. It comes complete with a set of 120 Acon plug-in connectors, one 884PS plug-in power supply, and is pre-wired for an optional, second 884PS when total power back-up is desired.

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

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

Both frames provide front-panel access to gain controls. The Audio DA modules can be provided with a single turn gain control for fast adjustment. Call for further information.

Power Supply

The high-efficiency 884PS plug-in switchable power supply accepts line input voltages from 90 to 135 VAC and 190 to 265 VAC. The supply easily handles any mix of twelve 880 series amplifiers under worst-case load conditions. Also available is the 884PS-48 48VDC plug-in power supply for telecom and cable applications.

FEATURES

- ▶ **4 modules in 1RU frame**
- ▶ **12 modules in 2RU frame**
- ▶ **Plug-in connectors for ease of installation included**
- ▶ **Redundant power supply available for 2RU frame**
- ▶ **Switchable 90-135/190-265 VAC or 48 VDC power supplies available**
- ▶ **100 dB isolation between modules**
- ▶ **Connector for inter-frame power supply redundancy**

Distribution Amplifiers

The 880 series audio distribution amplifiers currently available includes models with 600 W or Low-Z outputs, stereo, mono, or summing. A versatile audio tone generator is also available. Descriptions and specifications of the various amplifiers are contained in separate data sheets.

SPECIFICATIONS
Specifications and designs are subject to change without notice.

ELECTRICAL 884PS (120V)

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

ELECTRICAL 884PS (240V)
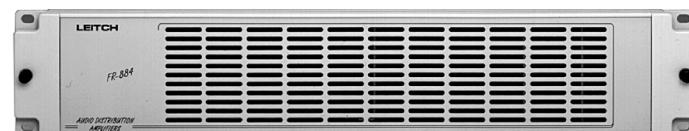
Voltage	190 - 265 VAC
Frequency	50/60 Hz
Power	50 VA max.

MECHANICAL

FR-883

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

FR-884

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

ORDERING INFORMATION *For more information visit www.leitch.com*

FR-883	4 DA frame with power supply
FR-884	12 DA frame with power supply
884PS	Redundant power supply (120-240 V switchable)
FR-883-48	4 DA frame with 48 VDC power supply
FR-884-48	12 DA frame with 48 VDC power supply
884PS-48	Redundant power supply (48 VDC)
ADA-CON	1 set of 40 Acon plug-in connectors
ACI-DA-ADC	ADC Punch Block Audio Connector Module
ACI-RAILS	Punch Block Module Mounting Rails
101ME	Module extender

HARRIS®

Distribution Amplifiers