



Products 7700 Series Modular 7800FR

7800FR

The New Advanced Multiframe

VistaLINK



The Evertz 7800FR Multiframe is the ideal solution to today's vast digital video and audio processing and distribution requirements. Providing flexibility to handle the high-speed requirements of HDTV as well as Analog and SDTV. Supporting extraction of the modules from the front without compromising performance even at 3Gb/s. Hot extraction is supported on various types of interfaces including VIDEO, AUDIO and FIBER.

The 7800FR Multiframe is a 3RU frame designed to house up to 15 single slot modules.

Features

- Power supply and cooling fan are front extractable
- Houses up to 15 front loading processing modules with I/O
- Each slot has individually configurable inputs and outputs
- Monitoring window for verifying modules status and power supply status
- 7800FR can house a 7700FC VistaLINK® Frame Controller in slot 1 which will allow for remote control and monitoring of VistaLINK® capable products via SNMP over TCP/IP
- Frame status contact closure/open on power supply failure, fan failures and user selectable module alarms
- A relay based contact closure is provided with common, ground, normally open and normally closed contacts
- No recabling required when hot swapping modules
- Optional redundant power supply for the 3RU 7800FR
- Dual independent genlock BNCs used to distribute reference within the frame
- Providing nearly twice the power distribution as the 7700FR-C, future proofing the requirement for higher powered modules
- Fully backwards compatible supporting all 7700 and 7800 series modules

Specifications

Electrical

Power Supply Configuration	Standard single, optional dual, redundant, separate AC inlets
Voltage	Auto ranging, 100 to 240V AC, 50/60Hz
Maximum Operating Current	4.3A @ 120V AC, 2.2A @ 240V AC
Maximum Power Consumption	450W (adjusted for power supply efficiency)
Maximum Module Load	360W (24W per slot)
Fuses	6.3A, 250V time delay, 5 x 20mm - line and neutral

Physical

Module Capacity	15 single slot modules
Dimensions	19"W x 5.25"H x 14.5"D (483mm W x 133mm H x 368mm D)
Weight	
Full	32lbs. (14.5kg)
Empty	17.4lbs. (8kg)
Operating Temperature	0 to 40°C

Certification

Safety	CSA Listed, Complies with EU Safety Directive
EMC	Complies with FCC part 15, Class A Complies with EU EMC Directives

Status Indicators

Front Panel	PSU status LED, Local error/failure LED
Tally Output	4 pin terminal, relay N/O, N/C for status/fault alarm

Ordering Information

7800FR	3RU Multiframe which holds up to 15 single slot modules with AC power supply
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Ordering Options

+78P	Redundant power supply for 7800FR
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Accessories

7800PS	Additional power supply for 7800FR
7800RS-15	Rear support kit 15" for 7800FR frame