# 7800FR, 7701FR, S7701FR, S7702FR

7800, 7701 & S7701, S7702 Series Multiframes



The 7800FR, 7701FR & S7701FR Multiframes are ideal solutions to today's vast digital video and audio processing and distribution requirements. They provide flexibility to handle the high-speed requirements of HDTV as well as Analog and SDTV. The Multiframes support 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. The 7701FR Multiframe is a 1RU frame designed to house up to 3 single or dual slot modules both in various combinations and configurations. The S7701FR Multiframe is a standalone enclosure designed to house 1 single slot module or dual slot module. The S7702FR Multiframe is a standalone enclosure design to house 1 module (up to 3 slots).

### ▶ Features & Benefits

- Power supply and cooling fan are front extractable
- Houses up to 15 front loading processing modules with I/O for the 7800FR and 3 for the 7701FR
- · 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





S7701FR with Rackmount Tray

No recabling required when hot swapping modules

- Optional redundant power supply for the 3RU 7800FR and 1RU 7701FR
- Dual global frame genlock inputs on 7800FR

#### Single Module Standalone Enclosures

- Portable
- Powered by an external 12V DC adapter (included)
- S7701FR supports both single slot and dual slot modules
- S7702FR supports single, dual or triple slot modules
- Optional rack mount panel mounts 3 S7701FR enclosures in 1RU rack space

## ▶Specifications

Electrical:		Maximum Module	e Load:	Physical:	
Power Supply Configuration:		7800FR:	360W (24W per slot)	Dimensions:	
7800FR:	Standard single, optional dual,	7701FR:	80W (26W per slot)	7800FR:	19"W x 5.25"H x 14.5"D
	redundant, separate AC inlets	S7701FR:	26W		(483mm W x 133mm H x 368mm D)
7701FR:	Standard single, optional external	S7702FR:	40W	7701FR:	19"W x 1.75"H x 14.5"D
	redundant				(483mm W x 45mm H x 368mm D)
S7701FR:	External power supply adapter	Fuses:		S7701FR:	5"W x 1.75"H x 14.5"D
S7702FR:	External power supply adapter	7800FR:	6.3 amp, 250V time delay		(127mm W x 45mm H x 368mm D)
			5x20mm - line and neutral	S7702FR:	5.6"W x 2.6"H x 14.5"D
Voltage:		7701FR:	2 amp, 250V time delay		(142mm W x 66mm H x 368mm D)
7800FR:	Auto ranging, 100 to 240V AC, 50/60Hz		5x20mm - line and neutral	Temperature:	0-40°C
7701FR:	Auto ranging, 100 to 240V AC, 50/60Hz	S7701FR:	Internal self resetting fuse		
S7701FR:	12V DC Nominal	S7702FR:	Internal self resetting fuse	Module Capacity:	
	Auto ranging, 100 to 240V AC power			7800FR:	15 single slot modules
	adapter included	Certification:		7701FR:	3 single or dual slot modules
S7702FR:	12V DC Nominal	Safety:	CSA Listed	S7701FR:	1 single or dual slot module
	Auto ranging, 100 to 240V AC power		Complies with EU Safety Directive	S7702FR:	1 single, dual or triple slot module
	adapter included	EMC:	Complies with FCC part 15, Class A		
			Complies with EU EMC Directives	Weight:	
Maximum Operating Current:				7800FR:	32lbs (14.5kg) Full
7800FR:	4.3 (@120V AC), 2.2 (@240V AC)	Status Indicators	(7800FR & 7701FR only):		17.4lbs (8kg) Empty
7701FR:	1.5A (@120V AC), 0.8A (@240V AC)	Front Panel	PSU status LED, Local Error/Failure	7701FR:	10lbs (4.5kg) Full
			LED		7lbs (3.1kg) Empty
Maximum Power Consumption:		Tally Output:	4-pin terminal, relay N/O, N/C for	S7701FR:	1.3lbs (.58kg)
7800FR:	450W		status/fault alarm	S7702FR:	1.5lbs (.68kg)
7701FR:	100W				
S7701FR:	36W				
S7702FR	50W				

Accessories: 7800PS

7800RS-15

S7701FR-RP

7701PSX 7701PS

S7701P

#### **bbb**Ordering Information

7800FR	3RU Multiframe which holds up to 15 single slot modules with AC
700011	power supply
7701FR	1RU Multiframe which holds up to 3 single or dual slot modules
S7701FR	Standalone frame which holds 1 single slot or 1 dual slot module with
	power supply
S7702FR	Standalone frame which holds 1 single, dual or triple slot with power
	supply
S7701FR	Standalone frame which holds 1 single slot or 1 dual slot module with power supply Standalone frame which holds 1 single, dual or triple slot with power

Ordering Options +8PS

+PSX

Redundant power supply for 7800FR

Optional external redundant power supply for 7701FR when ordered with frame Note: Some 7700 and 7800 series modules cannot be accomodated in the 7701FR or standalone enclosures. See individual product brochure or contact factory

Optional external power supply for 7701FR for existing hardware

ordered separately; discounted when ordered with module)

Internal power supply for 7701FR (replacement or spare orders only) Rear connector plate for S7701FR standalone frame (price applies when

Rackmount panel mounts 3XS7701FR enclosures in 1RU rack space

Additional power supply for 7800FR

Rear support kit 15" for 7800 Frame

