

# 7800FR, 7801FR Multiframes



## General Description:

The award winning Evertz 7800 family of multiframes provide flexibility in the truest form. With simultaneous processing capability of RF, Fiber, ASI, IP, 3G, HD/SD and more, these frames are designed to grow with the rapid changing needs of the facility and are available in a wide variety to defined below.

Standard features of all 7800series multiframes include dual frame genlock providing stable reference signal across the internal bus to all installed modules which minimizes the cost spent on genlock distribution, global frame status alarming to provide quick alert to operations in the event of a failure, and interchangeable modules between all frames (both processing module and companion rear plate)

## Features & Benefits:

- 7800FR(-QT) houses up to 15 processing modules in 3RU
- 7801FR houses up to 4 processing modules in 1RU
- Dual frame genlock for internal reference distribution
- Front extractable modules, power supplies and fans
- AC, DC and Hybrid AC/DC power supply configurations available
- Auto-ranging power supplies operating between 100V-240V AC and 36V-60V DC
- Backwards compatible with Evertz 7800/7700 series modules
- Frame status contact closure alarm in event of failure

Specifications:*	7801FR	7800FR
<b>Size:</b>	Standard Rack Mountable 19" Wide 1RU	Standard Rack Mountable 19" Wide 3RU
<b>Capacity:</b>	Up to 4 single or 2 dual slot modules in any combination	Up to 15 single slot modules in any combination
<b>Control:</b>	True SNMPVistaLINK® PRO via 7801FC	True SNMP VistaLINK® PRO via 7700FC/7800FC
<b>Air Flow Cooling:</b>	Front to Side Exhaust Side Mounted Fans	Front to Rear Exhaust Rear Mounted Fans
<b>Power:</b>	Up to 125 Watts 24 watts of power per slot	Up to 360 Watts 24 watts of power per slot
<b>Power Supply Configurations:</b>		
<b>Single PS</b>	Standard with all frames	
<b>Dual/Redundant PS</b>	Optional	
<b>Inlets</b>	Separate inlets per PS	
<b>Electrical:</b>	100V to 240V AC, 50/60Hz Autoranging Voltage	36V to 60V DC Autoranging Voltage
<b>Max Operating Current:</b>	1.3A @ 100V/60Hz 0.55A @ 240V/50Hz	11A @ 48V DC
<b>Max Power Consumption / Max Module Load:</b>	± 2.5 dB	± 2 dB
<b>Fuses:</b>	+6 dBm	+6 dBm
<b>Noise level:</b>	13 dB	14 dB
<b>Physical Dimensions:</b>	14 dB	15 dB
<b>Module Capacity:</b>	0 + 2 dB @ 500 MHz	0 ± 2 dB @ 500 MHz
<b>Weight:</b>	7800FR 17.4lbs (7.9kg) empty 7800FR-48VDC 17.5lbs (7.9kg) empty	7801FR 10.0lbs (4.5kg) empty

\*Specifications may vary with connector type. See individual specification sheet for specific performance data.