

570FR

3RU Compact High Density Distribution Frame

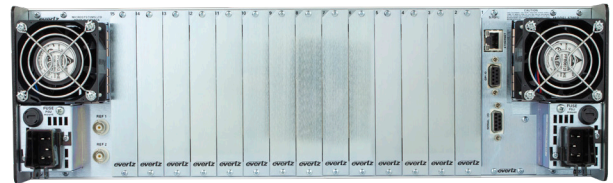


The Evertz 570FR High Density Frame is an ideal solution for high density processing applications. It offers easy installation and access to latest generation 570 modules. The 570FR is a 3RU frame designed to house 15x single-slot modules.

Special care was taken during the design process to ensure that the 570FR meets the demanding needs of today's advanced television studios and broadcast facilities. In addition, sufficient flexibility was factored into the design of the 570FR to satisfy the emerging demands of the future.

The 570FR is designed with a high density capacity to conserve equipment rack space. Care has been taken to ensure sufficient thermal relief for up to 750W of processing power per frame required to meet the increasing power demands of future high-speed processing cards.

Additionally the 570FR offers hot-swappable dual redundant power supplies that allow for power supply and fan replacement without compromising the integrity of critical signal paths and true remote monitoring of all modules and signals



Note: Image shows front and back of the 570FR High Density Frame.

within the chassis via a VistaLINK® frame controller. This configuration provides the SNMP network communication interface from the VistaLINK® Network Management Software to the chassis over the local or wide area network.

► Features & Benefits

- 570FR houses up to 15x single-slot processing modules in 3RU
- Front monitoring for verifying module and power supply status
- Front extractable modules, power supplies and fans
- AC auto-ranging power supply operates from 100–240VAC at 50/60Hz
- Power supply and frame cooling fans are fully redundant and hot-swappable
- High-speed busing and control system provided for modular applications
- Slot 1 may be used for 570FC VistaLINK® frame controller for SNMP control and monitoring
- Compatible with all Evertz 7700/7800 series modules
- 750W power supplies and cooling to support 570 series modules
- Dual frame genlock for internal reference distribution
- Rear exhaust from main cooling fans

► Specifications

Power Supply Configuration:		Max. Power Consumption/Max. Module Load:		Physical:	
Single PS:	Standard with all frames	570FR:	850W	Dimensions:	5.25" H x 19" W x 17.75" D (133mm H x 483mm W x 450mm D)
Dual/Redundant PS:	Optional			Module Capacity:	15 slots
Inlets:	Separate inlets per power supply			Weight:	17.4 lbs (7.9 kg) empty, 32 lbs (14.5 kg) with two power supplies, all slots occupied
Status Indicators (each power supply):	PSU status LED, local error/failure LED	Compliance:		Genlock:	
Temperature:	0–40°C	Safety:		Number of Inputs:	2
Electrical:		CSA listed to CSA C22.2 No. 60065–03, UL 60065–03, IEC 60065–(2001–12) 7th edition; Complies with CE low voltage directive 2006/95/EC;		Termination:	75Ω
Voltage:	Auto-ranging	TUV Listed to CAN/CSA–C22.2 No. 62368–1:2014, ANSI/UL 62368–1:2014, EN 62368–1:2014+A11:2017, IEC 62368–1:2014			
570FR:	100–240VAC, 50/60Hz	Complies with FCC part 15, class A Complies with EU EMC directive 2004/108/EC			
Connector:	IEC 60320 — 1 per power supply	EMC:			
Fuses:	16 amps, 250V ceramic time delay 5x 20mm — 1 per power supply				
Maximum Operating Current:	8.6A (@ 100V/60Hz), 3.6A (@ 240V/50Hz)				

► Ordering Information

570FR	Compact High Density Distribution Frame, includes main power supply
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Ordering Options:
570FC VistaLINK® frame controller for 570FR
+57PS Redundant power supply