

400FR

Compact High Density Balanced Audio Distribution Frame



The 400FR is designed for those applications requiring high density distribution and processing of balanced analog and digital audio signals.

The 3RU multiframe chassis supports a wide variety of modules within a 3RU footprint. The frame offers dual hot swappable power supplies and provides sixteen slots for 400 series audio modules. Each 400 series processing module is also hot swappable and mates to the rear plane of the 400 frame which is completely passive. The design approach eliminates the need to de-cable the frame in the event of an electronics replacement. Each slot of the 400FR provides ten high-quality 3-pin terminal strip connectors that are used to interface to the processing module.

►Features & Benefits

- Dual hot swappable power supplies with integrated cooling
- Houses up to sixteen 400 series processing modules
- Each processing slot provides individually configurable inputs and outputs
- Monitoring window for verifying module and power supply status
- No re-cabling required when hot swapping processing modules

►Specifications

Electrical:

AC Mains Input: Auto ranging, 100 to 240V AC, 50/60Hz
Maximum Operating Current: 2.6 A (@ 120V AC), 1.4 A (@ 240V AC)
Maximum Power Consumption: 200W
Maximum Module Load: 160W (10W per slot)
Power Supply Configuration: Dual, redundant, separate AC inlets

Connector: IEC 60320 - 1 per power supply
Fuses: 4 amp, 250V time delay 5x20 mm.
Safety: -2 per power supply
CSA Listed to CSA C22.2 No. 60065-03, UL 60065-03
IEC 60065-(2001-12) 7th Edition
Complies with CE Low voltage Directive 93/68/EEC
EMC: Complies with FCC part 15, Class A
Complies with EU EMC directive 89/336/EEC

Physical:

Height: 5.25" (133mm)
Width: 19" (483mm)
Depth: 9.5" (368mm)
Module Capacity: 16 slots
Weight: Approx 17lbs (7.7kg) with 2 power supplies, no slots occupied
Approx. 32lbs (14.5kg) with 2 power supplies all slots occupied

Certification:

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

Signal Connections: 3-pin removable terminal strips, balanced connection (10 per slot)

Status Indicators: PSU status LED,
Local Error/Failure LED

Tally Output Connector:

4-pin terminal, relay N/O,
N/C for status/fault alarm
2A, 12.5V DC max

Temperature:

0-40°C optimal performance
0-50°C operating

►Ordering Information

400FR Compact High Density Balanced Audio Distribution Frame

Ordering Options:

+4PS Redundant power supply option for 400FR

Accessories:

400PS Additional power supply for 400FR
400FC 400FR VistaLINK® Frame Controller
CP-2116E-H Remote Control Panel
CP-2232E Remote Control Panel