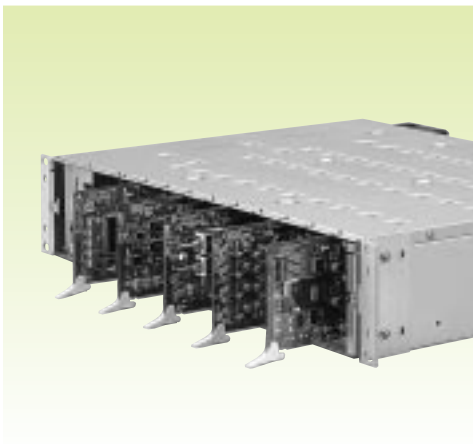
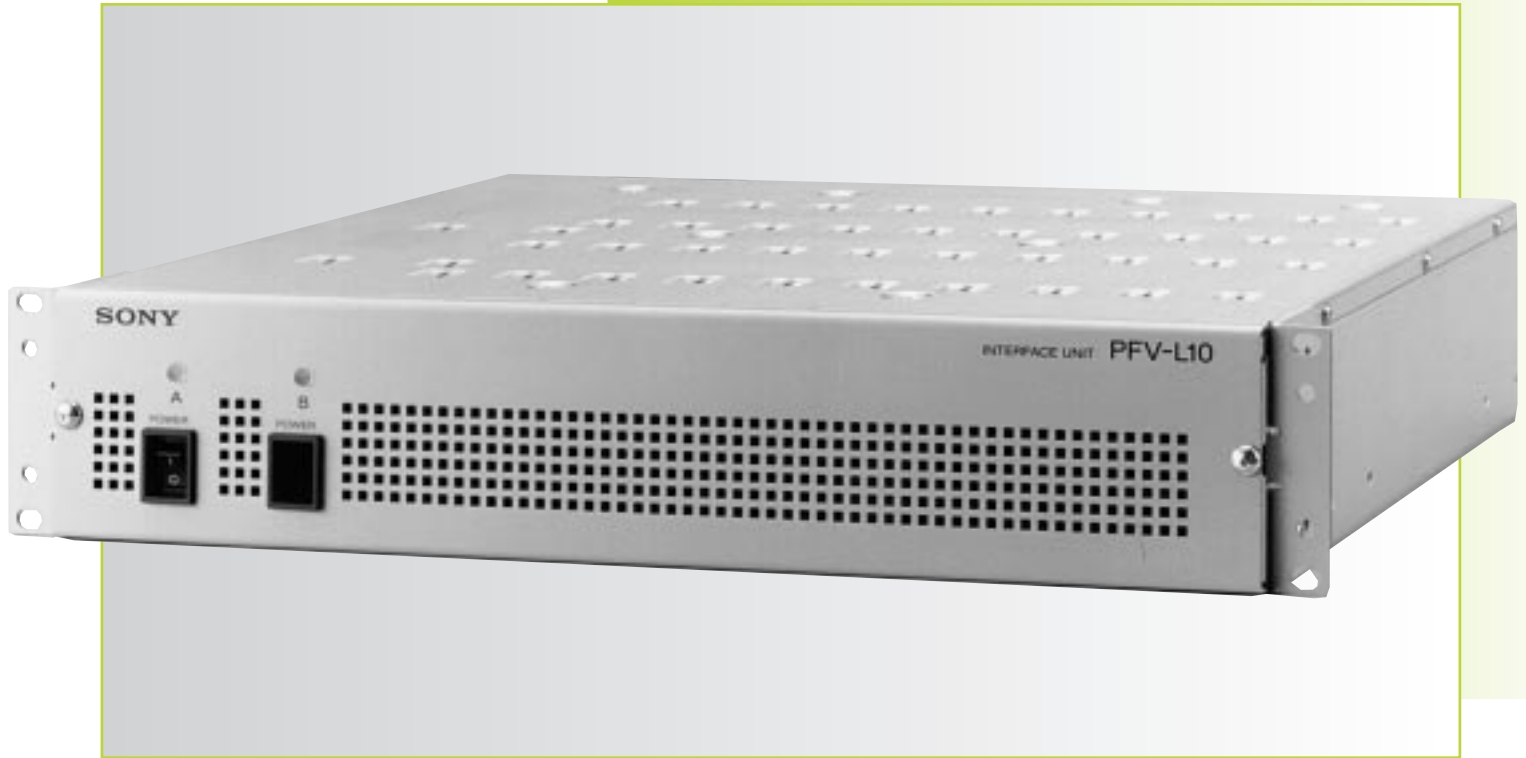


SONY®

Interface Unit PFV-L10



The PFV-L10 is a new, 19-inch rack mountable compact interface unit with an impressive price/performance ratio. Only 2U high, it makes small demands on space in equipment environments.

Up to 10 BKPF-L Series boards can be accommodated in any combination. The controls of these boards are all accessible from the front of the PFV-L10, and all boards can be hot-swapped. Each board comes with its matching rear I/O connector panels. Connector types and their layout on these rear panels have been carefully chosen for easy installation.

An optional redundant power supply unit, the BKPF-LPS10, can be installed in the PFV-L10. This unit is identical to the standard power supply. In the event of a fault in the standard power supply, the BKPF-LPS10 automatically functions, ensuring continuous operation by maintaining power to the installed boards. A cooling fan is provided for maximum reliability when the unit is in continuous use.

A further refinement is the use of a monolithic front panel which dispenses with the need for a blanking panel to protect the module installed in each slot from vibration. This forms an ideal, reliable housing in OB vehicles where this can be a critical issue.

Digital
Processing
Equipment

Features

Compact size

Compact 2U design means that installation of a PFV-L10 makes little demand on space.

Accepts up to 10 digital and analog video/audio boards

The PFV-L10 holds any combination of 10 BKPF-L Series digital and analog video/audio function boards for a wide range of system applications.

Redundant power supply

The PFV-L10 can accommodate a redundant power supply unit, the BKPF-LPS10. This option ensures continued operation by maintaining power to the installed boards. The status of the power supply is indicated by a front-panel LED.

Hot-swappable boards

BKPF-L Series boards can be inserted and removed from the front while the unit is powered.

Specifications

Power requirements	AC 100 V to 240 V, 50/60 Hz
Power consumption	Max. 80 VA
Supply capability	DC +5 V, 13 A max.
Operating temperature	+5°C to +40°C (41°F to 104°F)
Dimensions	440 (W) x 88 (H) x 535.2 (D) mm (17 3/8 x 3 1/2 x 14 inches)
Mass	Apptox. 6.2 kg (excluding back-up supply unit) (13 lb 11oz)
Status output port	D-sub 15-pin x 1
Back-up power supply	Available (BKPF-LPS10)
Maximum number of boards installed	10 BKPF-L Series boards
Supplied Accessories	Operation manual x 1 Installation manual x 1
Optional Accessories	BKPF-LPS10 Backup Power Supply Unit BKPF-L Series Function Boards Extension Board RMM-10 Rack Mount Kit Maintenance Manual

Status output

The PFV-L10 has a status output port (D-sub 15-pin) for system diagnostic use.

Fan cooled operation

A fan cooling system is built in to ensure effective circulation of ventilating air within the unit during long-term operation. No additional rack space is required for an external power supply.

100 V to 240 V AC operation

The PFV-L10 operates on voltages between 100 V and 240 V AC without voltage selection.

19-inch rack mountable

Universal rack housing for mounting in any standard 19-inch rack.

System Configuration

