

PMX-2004/2008 SFP

The PMX-Series panel multiplexers are used to remote up to four (PMX-2008: eight) intercom panels from Riedel Artist or Performer 32 matrix systems via a fibre link. Depending on the SFP modul (SM/MM) the system allows operation of a group of intercom panels over a distance of up to 500 m (1,600 ft) or 2 km (1.2 miles) in a cost-effective way while reducing setup time to a minimum.

The PMX-2004 provides four BNCs to connect to matrix ports or panels plus a duplex LC fibre connector.

The PMX-2008 holds two of such modules thus 8 intercom panels can be remoted from the matrix via two fibre links.

The PMX can be used at the matrix end or the panel end of the fibre link by setting a switch at the rear of the unit to the appropriate position. Status information is provided by four LEDs on the front panel.

Since the PMX provides a bidirectional transmission for four (PMX-2008: eight) AES3/EBU signals its not only allowing for panel distribution but also for the transport of audio signals. For maximum flexibility a combined setup of panel and digital audio can be used with the PMX fibre link.

Flexible fibre option

The flexible fibre option with exchangeable SFP modules on LC connectors allows for easy adjustment of the PMX to distance needs and the existing fibre infrastructure. The SFP modules are available for single-mode and multi-mode fibre.



SFP Module



PMX-2004 SFP (front view)

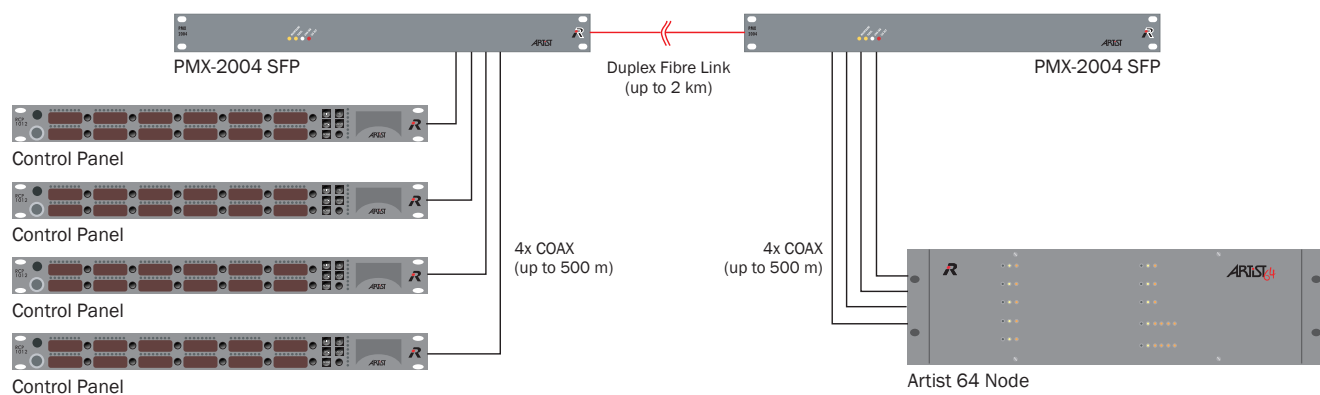


PMX-2004 SFP (rear view)

Specifications

Connectors	4x (PMX-2008: 8x) BNC, 1x (PMX-2008: 2x) LC-Connector
Fibre type	flexible fibre option with exchangeable SFP modules on LC connector
Maximum distance	multi-mode module: 500 m (1,600 ft) / single-mode module: 2 km (1.2 miles)
Power requirements	100 - 240 V AC / 50 - 60 Hz
Power consumption	10 VA
Dimensions (W/H/D)	483 mm (19") / 44 mm (1HE) / 160 mm
Weight	1400 g (PMX 2008: 1550 g)

System Overview



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