Aviom's flexible PB28 Modular Patch Bay is a universal patching system that allows users to configure custom patch panels for audio or data connections. Each patch bay is comprised of a single PB28 Patch Panel and up to two 8-channel PB28 Modules.

PB28 Modules are available with a variety of audio or data connectors, including XLR male and female, DB25 multipins, and locking Neutrik® EtherCon® RJ45s. DB25 modules adhere to industry-standard analog or digital pinout wiring conventions. All modules are interchangeable and can be installed in a PB28 Patch Panel in any combination.
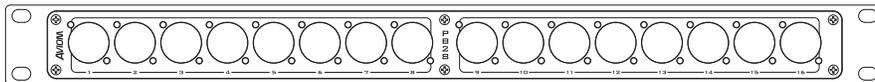
The versatile and rugged PB28 system is the perfect addition to any audio facility. Industry-standard configurations make the PB28 modules easy to install in any context—from concert touring stage racks to post product studio patch bays. Bring Cat-5 connections to a central location, make touring racks easier to patch together, or make studio interconnections even more flexible.

PRODUCT HIGHLIGHTS

- *Modular design allows user to easily customize assemblies*

- *Combine any two PB28 modules in each PB28 Patch Panel*

- *Rugged 11-gauge nickel-plated steel front panel*

- *Fully enclosed module design*

- *Multiple AES3 pinouts supported*

PB28 PATCH PANEL

The basis of the PB28 Modular Patch Bay is the PB28 Patch Panel, a blank, 1U-high unit that accepts up to two PB28 Modules. Patch panels can be user-assembled with only a screwdriver.

The blank PB28 Patch Panel

TECHNICAL SPECIFICATIONS

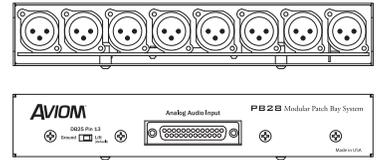| COMPONENT	FRONT PANEL	REAR PANEL
28-XM-DB	XLR male (8)	DB25 multipin, analog audio pinout
28-XF-DB	XLR female (8)	DB25 multipin, analog audio pinout
28-AES-DB	XLR female (4) XLR male (4)	DB25 AES3 digital data Yamaha® and Digidesign®/Tascam® pinouts
28-XM-XF	XLR male (8)	XLR female (8)
28-XF-XM	XLR female (8)	XLR male (8)
28-EC-EC	EtherCon® RJ45 (8)	EtherCon® RJ45 (8)
PB28 Patch Panel	1U blank panel, accepts two modules	

All Aviom products are designed and manufactured in the U.S.A.

PB28 MODULES

Any combination of PB28 series modules can be installed in the PB28 Patch Panel.
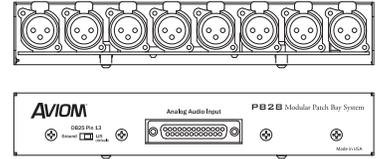
28-XM-DB
The eight-channel 28-XM-DB module is fitted with eight male XLR connectors on the front panel and a rear-panel DB25 multipin connector, using the industry-standard analog audio pinout. Up to two 28-XM-DB modules can be installed per PB28 Patch Panel.
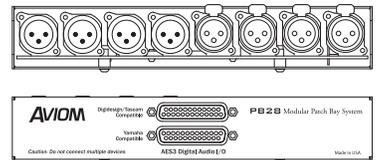
28-XF-DB
The 28-XF-DB is fitted with eight female XLR connectors on the front panel and a rear-panel DB25 multipin connector, using the industry-standard analog audio pinout. Up to two 28-XF-DB modules can be installed per PB28 Patch Panel.
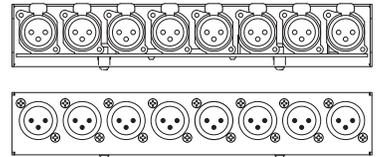
28-AES-DB
The 28-AES-DB is fitted with four male XLR and four female XLR connectors on the front panel and two rear-panel DB25 multipin connectors for AES3 digital audio data. Both Yamaha® and Digidesign®/Tascam® pinouts are provided. Up to two 28-XF-DB modules can be installed per PB28 Patch Panel.
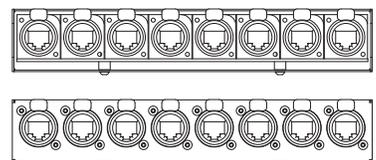
28-XM-XF
The 28-XM-XF features eight male XLR connectors on the front panel and eight female XLR connectors on the rear panel. Up to two 28-XM-XF modules can be installed per PB28 Patch Panel.

28-XF-XM
The 28-XF-XM features eight female XLR connectors on the front panel and eight male XLR connectors on the rear panel. Up to two 28-XF-XM modules can be installed per PB28 Patch Panel.

28-EC-EC
The 28-EC-EC is an eight-channel EtherCon® RJ45 module featuring Neutrik® EtherCon connectors on both sides. It brings Cat-5 network connections from multiple devices to a convenient central location in any patch bay.

The EtherCon connectors accept standard Cat-5 network RJ45 connectors, as well as those fitted with the XLR-style EtherCon barrel connector. The 28-EC-EC can be used with Aviom A-Net® products or with any Cat-5 based data system.

Three complete PB28 Patch Bays with modules installed