Similar Products Offered

FSR manufactures a complete line of audio, video, switching, and signal conditioning components that integrate with a matrix switching system environment. Small scale single and dual output switchers, distribution, signal processing and control interfaces are available which help simplify even the most complex system design challenge.

FSR

PathFinder Matrix Switchers

INDIE Powerful All-In-One Signal Processor

MAS-6200 and MAS-6100 Multi-Purpose Video Switcher/Scalers

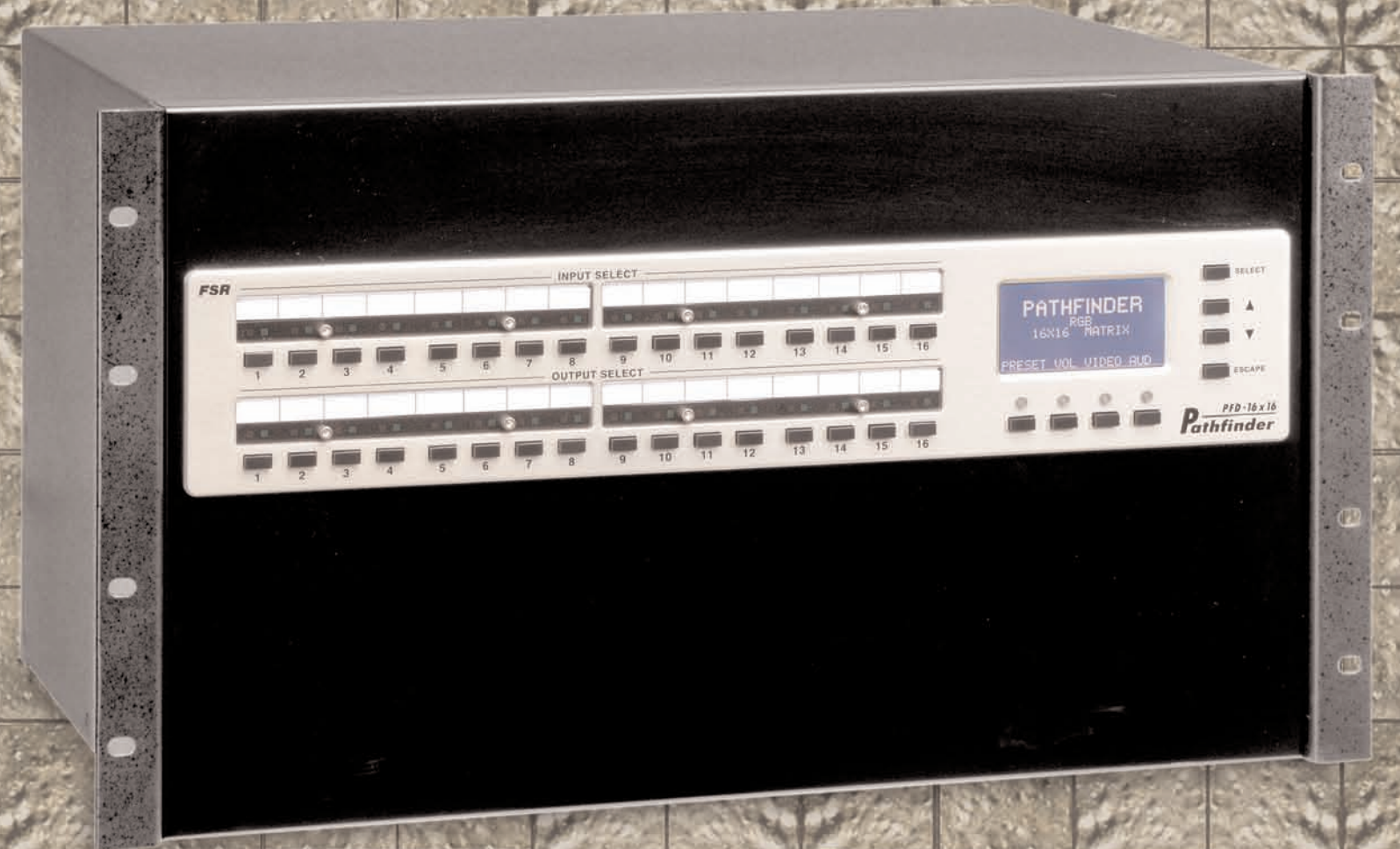24/7 TECH SUPPORT

AVS 8x2 Professional Composite Video Switcher

MAS-3200 Composite Video and S-Video Converter

RN-410 Assortment of Audio Video Control Switching Components

GREEN

MADE IN USA

FSR

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LIT1231B

AV Switching

Why FSR?

"FSR Matrix Switchers are sized to fit the project, feature rich, easy to program and very affordable...The right choice for any project!"

Large Projects

There are projects that need more than 16 inputs or outputs and the PathFinder series is growing to meet those needs. Now available in 32x32, 32x16, 24x24 and 24x16 PathFinders are available in the size needed for nearly any job — our engineering group is adding additional sizes weekly.

The large PathFinders are available for RGBHV video with and without balanced stereo audio. The balanced stereo audio features independent input audio trim on each input and independent audio output volume control with true mute for each output.

To meet the demands of mission critical applications, the large PathFinders have redundant hot swappable power supplies that can be swapped without removing the unit from the rack.

PFD-32x32

Medium Projects

FSR has developed the PathFinder Series of Matrix Switchers to meet the switching needs for medium sized projects. The PathFinders are available in 8x4, 8x8, 12x8, 16x8 and 16x16 sizes.

The PathFinders are available with and without balanced stereo audio with independent input trim on each input, and independent volume control with true mute for each output.

There are several control options available, direct control from the front panel, remote control using one or more PathFinder Remote Panels, and serial control either through the serial port or the built in IP port.
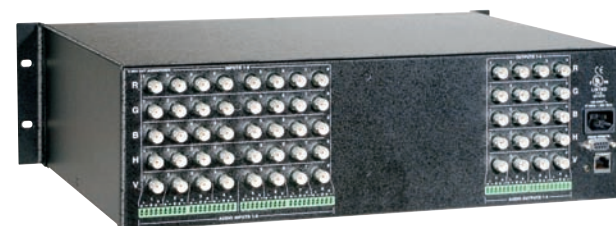
From 8x8 to 16x16, the matrixes are available in composite, S-video, component video and RGBHV. The 8x4 is only available in RGBHV.

PFD-16x16

PFD-RFP

PFD-8x4

Small Projects

The PFD-4x2 and PDF-4x4 are 4x2 and 4x4 computer video matrixes available with and without stereo audio. The stereo audio is balanced in and out with a full range volume control, input trim and a true mute. Simple button presses provide control from the front panel while a rich serial command set unlocks additional features.

The 4x2 and 4x4 are only available with HD-15 connectors.

MEET the KIDS!

PFD-4x4-PCA

Features

In order to get the best picture quality, a Matrix must have both bandwidth, the ability to maintain the detail and flatness, the ability to pass the bandwidth without altering it. These work hand in hand and should always be considered when evaluating a Matrix. How do we stack up? The PathFinders offer 600+ MHz of bandwidth with +/- < 1 dB of flatness. What you send to our matrixes, is what you will get back. The 410, 4x2 and 4x4 offer 350+ MHz of bandwidth.

The PathFinder 8x8-16x16's offer route based cable equalization. The length of the input cable is added to the length of the output cable and an amplification curve is applied to compensate for the signal loss in the cable. This ensures the highest possible bandwidth and flatness from the source to the display. In most cases, this also eliminates the need for active interfaces reducing the overall system cost and easing the installation.

All FSR Matrix Switchers use a common command set. This command set eases the programming burden by allowing significant amounts of code re-use regardless of switcher family or size. To make things even easier, the command set is entirely ASCII based with verbose help available from the manual or through the serial or IP port.

FSR Matrix Switchers, and all FSR Products, are Proudly Manufactured in the U.S.A.