FDX-AV

A FIBER OPTIC DIGITAL SIGNAGE AND MULTIMEDIA SIGNAL EXTENDER

TRANSMITS STEREO AUDIO, DVI-D AND RS-232 DATA UP TO 1,500 FEET

MULTIMODE FIBER EXTENDER

DVI-D, Audio and RS232 Fiber Extender

Extend DVI-D, audio, and RS232 signals from a player in a remote location up to 1,500 feet away.

The FDX-AV consists of a transmitter and receiver that extend DVI-D, audio and RS-232 signals. Equipped with DVI-D connectors for multi-mode signals, this product is the perfect fiber solution for professional digital singage and multimedia presentation needs. It is capable of extending signals up to 1,500 feet over a single multimode fiber optic cable.

FEATURES:

- Top Signal Quality at Maximum Extension Over Multimode Fiber (1,500 ft.)
- Superior Image Quality at all Resolutions
- Video Resolutions up to 1920 x 1200 at 60Hz (1280 x 1024 at 75Hz)
- Customizable/Programmable DDC Table
- Supports Stereo Audio
- Supports DVI-D
- Supports RS-232 Control from 300bps to 115,000bps
- Fiber Plug Type LC
- Compatible With all Operating Systems
- Compact Metal Casing

APPLICATIONS:

- Corporate or Educational Presentations
- Information Terminals/Kiosks
- Airport Installations (Air Traffic Control/Passenger Information)
- Sports Arenas or Public Facilities
- Restaurants and Lounges
- Resorts and Casinos
- Houses of Worship
- Theme Park Design
- Civic Centers
- Shopping Malls
- Concerts or any Large-Scale Multimedia Venue
- Mass-Transit Vehicles
- Convention Centers

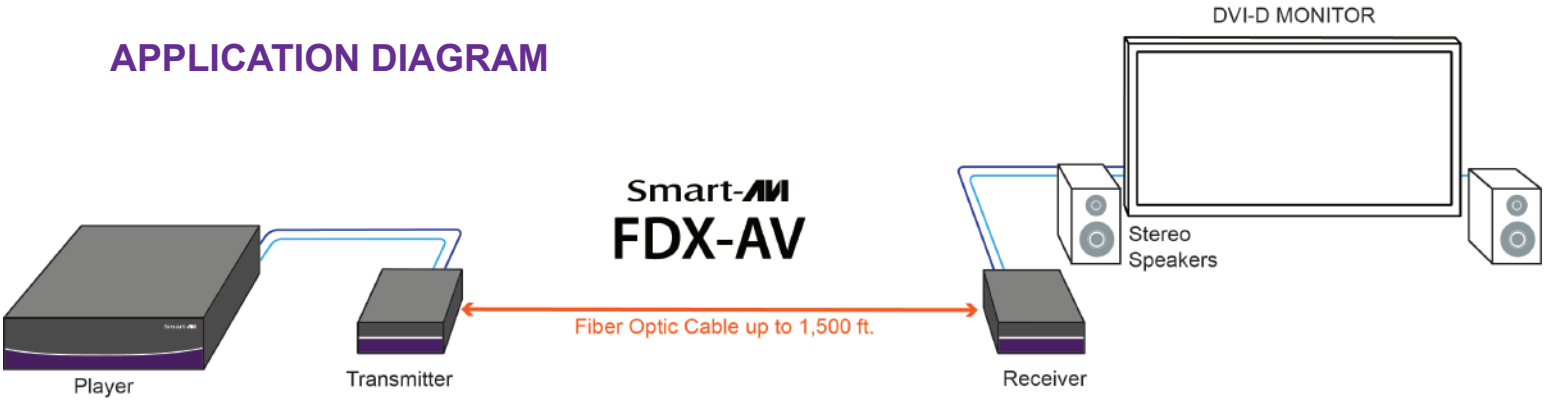
WHY FIBER OPTIC?

SmartAVI has created a full line of fiber optic extender products, understanding that this technology is superior to traditional cabling.

Fiber optic cables are:

- Capable of transmitting over very long distances with no signal loss.
- Immune to electromagnetic interference. In situations where there is considerable interference, fiber optic cabling is the only solution.
- Much more secure because they cannot be easily tapped. For this reason, military and law enforcement agencies use fiber optic cables for the transmission of sensitive data.
- Relatively inexpensive and small enough to be routed through small spaces.

APPLICATION DIAGRAM



FDX-AV Receiver Front

FDX-AV Receiver Rear

SPECIFICATIONS

FDX-AV Specifications

VIDEO	
Input Interface	DVI-D Female (Single-Link)
Resolution	1920 x 1200 @60Hz
DDC	Internal Table can be Re-programmed
AUDIO	
Signal Type	Stereo Audio
Bandwidth	15MHz, 0dB
Impedance	10k Ohm
Connector	3.5 mm Stereo Mini Female

OTHER	
RS-232	Data up to 115,000bps
DB-9	Female for TX, Male for RX
Fiber Extender	Fiber 225m @ Multimode 62,5µ 450m @ Multimode 50µ Fiber-Plug type LC
Dimensions	4.5" x 5.5" x 1.70"
Weight	8 Lbs.

ORDERING INFORMATION	
Part No.	**Description**
FDX-TXAV	FDX-AV Multimode Transmitter
FDX-RXAV	FDX-AV Multimode Receiver
PS5V4A	Power Supply (2) 5V 4A

Designed and Manufactured in the USA

Smart-AVI
SMART AUDIO VIDEO INNOVATION

www.smartavi.com

Tel: 800.AVI.2131 • 818.503.6200 • 11651 Vanowen St. North Hollywood, CA. 91605