

TECHNICAL SPECIFICATION

VIDEO	
Format	HDMI 1.4 and HDCP compliant
HDTV Resolutions	480p, 720p, 1080i, 1080p/60Hz/48bit, 4Kx2K/30Hz
TV Resolution	480i
Refresh Rate	Up to 130Hz
Wavelength	850 nm
Bit Error Rate Performance	1.00E-12
Input Interface (TX)	HDMI Type A 19-pin Female TMDS
Output Interface (RX)	HDMI Type A 19-pin Female TMDS
Input Cable Length	Up to 40 ft
Output Cable Length	Up to 40 ft
Format	Dolby TrueHD, DTS-HD MA
Input Interface	HDMI (Integrated)
Output Interface	HDMI (Integrated)
Laser Output Power	Class 1; EN 60825-1 2007; EN 60825-2 A2 2010
OTHER	
Power	External 100-240 VAC/5VDC2A @10W
Dimensions	5" W x 1.125" H x 4.125" D
Weight	1 lbs.
Approvals	UL, CE, ROHS Compliant
Operating Temp.	32-131 °F (0-55 °C)
Storage Temp.	-4-185 °F (-20-85 °C)
Humidity	Up to 95%

WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
HFX-TX	1	HDMI 2K/4K Multimode Fiber Transmitter
HFX-RX	1	HDMI 2K/4K Multimode Fiber Receiver
PS5VD2A-WLLMNT	2	PS5VD2A Power Supply
Quick Start Guide	1	

NOTICE

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SMART AUDIO VIDEO INNOVATION

HFX

**4K HDMI Extender
over Fiber Optic Cables**



**EXTEND UNCOMPRESSED
HDMI SIGNALS
UP TO 1,000 FEET
OVER MULTIMODE
FIBER OPTIC CABLING,
WITH RESOLUTIONS
UP TO 4K ULTRA HD**

Quick Start Guide

ABOUT SFX

For reliable, uninterrupted and long-distance HDMI extension, the HFX-Pro provides the best solution with its fiber optic extension capabilities. Users can bridge large gaps that they ordinarily could not with this compact device. The HFX includes the transmitter and receiver, for complete point-to-point signal extension, with no need for any other hardware or software.

The HFX delivers uncompressed HDMI signals up to 1,000 feet (300 meters). Supported resolutions go up to 4K Ultra HD (@30Hz), and 3D HD video is also supported. As with all HDMI connections, high-quality digital audio is also transmitted via the extender.

Fiber optic signal extension is the newest and best way to break the distance barriers that plague traditional HDMI connections.

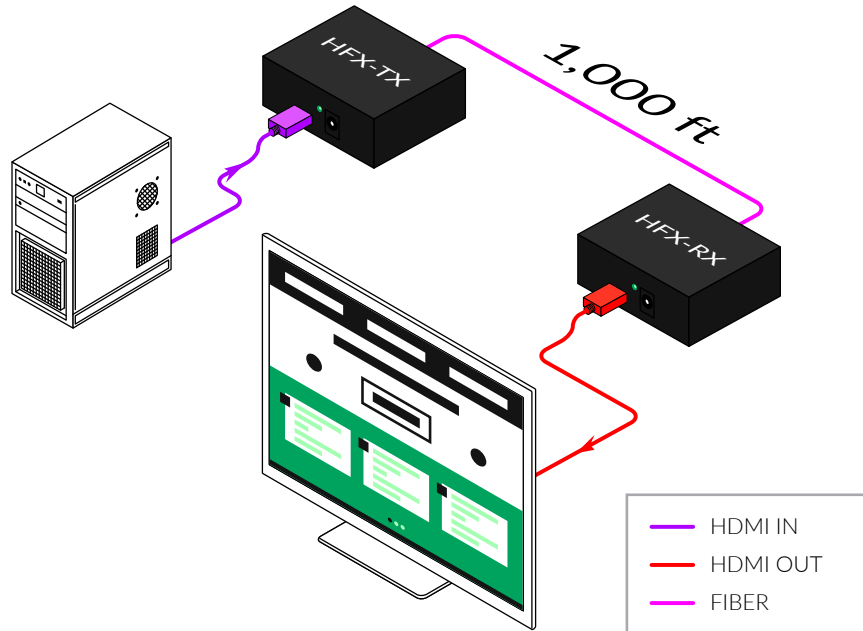
By providing additional distance from the input device to the screen, users can handle their HD viewing needs in a number of important environments. This is useful for separating equipment and computers from the place where users are viewing content, which includes environments like medical offices, recording studios, financial centers and much more. Furthermore, fiber optic cables are resistant to electromagnetic and radio frequency interference, creating a stable and reliable connection.

FEATURES

- Supports HDMI 1.4a
- HDCP Compliant
- Extends HDMI signals up to 1,000 feet at 10.3 Gbps with OM3 multimode fiber optic cabling
- Supports resolutions up to 4K Ultra HD (@30Hz)
- Hot Pluggable
- EMI/RFI Resistant

HARDWARE INSTALLATION

1. Power off all devices including the HDMI source and display.
2. Connect an HDMI cable from the HDMI source to the HDMI port on the HFX-TX (transmitter).
3. Connect the HFX-TX to the HFX-RX (receiver) using a multimode duplex fiber optic cable (up to 1,000 ft.) with LC type connectors on both ends.
4. Connect an HDMI cable from the HDMI port on the HFX-RX to the HDMI Display.
5. Power on the HFX transmitter and receiver by plugging in their power adapters (5VDC2A).
6. Power on the HDMI source and the display.



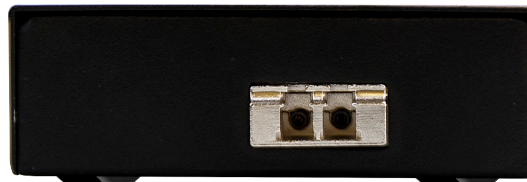
HFX-TX FRONT



HFX-RX FRONT



HFX-TX BACK



HFX-RX BACK

