



## Smart-AVI SDX-2P Dual Head DVI-D USB Keyboard User Guide

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# Smart-AVI

### Smart-AVI SDX-2P Dual Head DVI-D USB Keyboard



## TECHNICAL SPECIFICATION

VIDEO	
Format	DVI-D Single Line
Maximum pixel clock	165 MHz
Input interface (TX)	(2) DVI-D 29-pin female
Output interface (RX)	(2) DVI-D 29-pin female
Resolution	Up to 1920 x 1200 @60Hz Up to 4K/2K (3840×2160) @30Hz
DDC	5 volts p-p (TTL)
Input equalization	Automatic
Input cable length	Up to 20 ft
Output cable length	Up to 20 ft
IR	
Input interface (TX)	(1) 3.5 mm (Female)
Output interface (RX)	(1) 3.5 mm (Female)
Frequency Response	30KHz to 80KHz
RS-232	
Input Interface (TX)	(2) DB9 (Female)
Output Interface (RX)	(2) DB9 (Female)
Speed	@ 115 Kbps
OTHER	
Power	External 100-240 VAC/5VDC4A
Dimensions	5.125 in W x 1 in H x 3.625 in D
Weight	0.5 lb
Operating Temp.	0-55 °C (32-131°F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%

## WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
SDX-2P-TX	1	Dual DVI-D, USB 1.1, Dual RS232, Audio, CAT5/5e/6 Transmitter
SDX-2P-RX	1	Dual DVI-D, USB 1.1, Dual RS232, Audio, CAT5/5e/6 Receiver
PS5VDC4A	2	PS5VD4A Power Supply
Quick Start Guide	1	

## NOTICE

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## ABOUT SFX

The SDX-2P DVI extender is capable of sending dual DVI-D signals up to 400 feet over two conventional and inexpensive Cat5/5e/6 cables. The SDX-2P also has a USB keyboard and mouse, audio and RS-232 extension, giving users the ability to control displays or devices remotely.

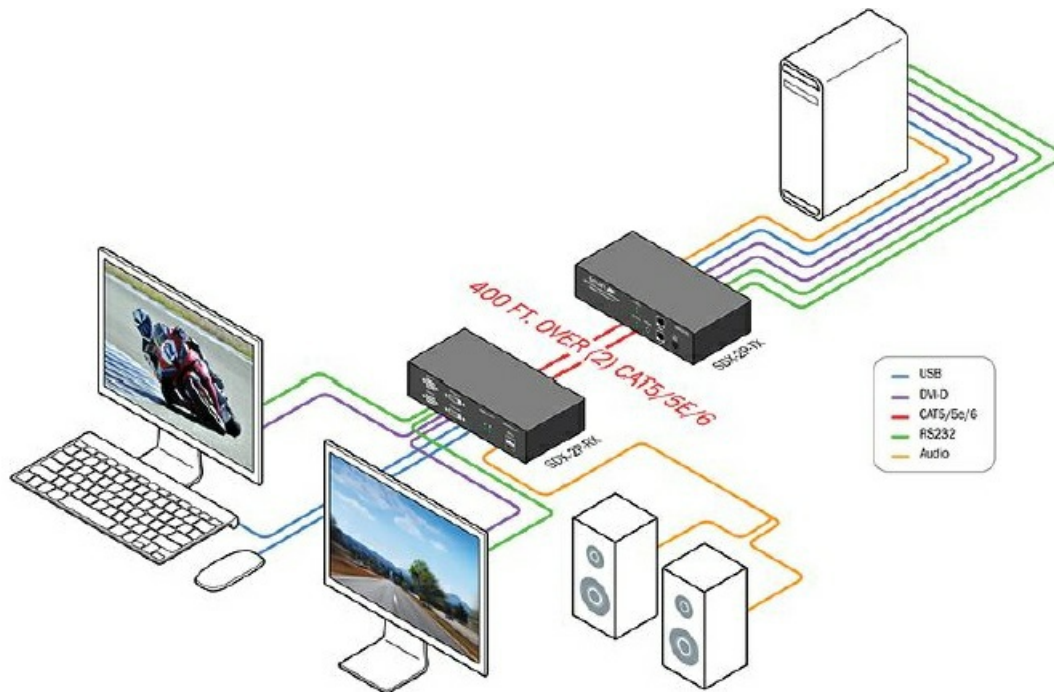
## FEATURES

- Extends dual DVI-D up to 245 feet from the source
- HDCP Support
- Supports up to 1920×1200 digital video resolution @ 60 Hz
- Supports 4K/2K (3840×2160) video resolution @ 30 Hz
- Automatic DDC Learning
- USB Keyboard and Mouse extension
- RS-232 extension allows for remote control of displays
- External power adapter for transmitter and receiver unit
- Supports Stereo Sound
- Compatible with Windows, Mac and Linux Operating Systems

## HARDWARE INSTALLATION

1. Power off all devices.
2. Connect two DVI-D sources (computer) to the two DVI-D ports on the back of the SDX-TX2P.
3. Connect a USB source (computer) to the USB port on the SDX-TX2P.
4. Optionally connect RS-232 and IR for control functions.
5. Connect the SDX-TX2P to the SDX-RX2P with two CAT5 UTP (Unshielded Twisted Pair) cables.
6. Connect a DVI-D compatible display to each of the two DVI-D ports on the back of the SDX-RX2P.
7. Connect the USB keyboard and mouse to the USB ports on the SDX-RX2P.
8. Optionally connect RS-232 and IR for control functions.
9. Connect the power to the SDX-RX2P and the SDX-TX2P.
10. Power on the display and then the computer.

**NOTE:** The DDC of your display will be learned automatically.



**SDX-2P-TX FRONT**



**SDX-2P-TX BACK**



**SDX-2P-RX FRONT**



**SDX-2P-RX BACK**




## CONTACT

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## Documents / Resources

	<a href="#">Smart-AVI SDX-2P Dual Head DVI-D USB Keyboard</a> [pdf] User Guide SDX-2P, SDX-2P Dual Head DVI-D USB Keyboard, Dual Head DVI-D USB Keyboard, Head DVI-D USB Keyboard, DVI-D USB Keyboard, USB Keyboard, Keyboard
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## References

- [Home - SmartAVI](#)
- [User Manual](#)