What's in the Box?

PART NO.	QTY	DESCRIPTION
KLX-500-DUO-TX	1	Dual DVI-I KVM with Audio Point-to-Point Extender Transmitter
KLX-500-DUO-RX	1	Dual DVI-I KVM with Audio Point-to-Point Extender Receiver
Power Cord	2	CCPWR06

Technical Specifications*

VIDEO	
Format	DVI-D
Resolution	Up to 1080p (1920 x 1080 @ 60Hz)
Input Interface (TX)	DVI-I (2)
Output Interface (TX)	DVI-D (2)
Output Interface (RX)	DVI-D (2)
Cable Length	Up to 40 ft
USB	
Input Interface (TX)	USB Type B Female (2)
Output Interface (TX)	USB Type A (4) Keyboard/Mouse
Output Interface (RX)	USB Type A (4) Keyboard/Mouse
AUDIO / MICROPHONE	
Audio Format	Stereo
Input Interface (TX)	Audio 3.5 mm (2), Microphone 3.5 mm (2)
Output Interface (RX)	Audio 3.5 mm (2), Microphone 3.5 mm (2)
NETWORK	
Output Interface (TX)	RJ45 LAN (2)
Input Interface (RX)	RJ45 LAN (2)
Cable Requirements	CAT 5/5e/6
Max. Length	500 ft
OTHER	
Power	External 100-240 VAC
Weight TX & RX	2.5 lbs each
Dimensions TX & RX	17.125"W X 3.75"D X 4"H each
Operating Temp.	41 to 122°F (5 to 50 °C)
Operating Humidity	Up to 85% RH (no condensation)
Storage Temp.	32 to 149°F (0 to 65 °C)
Storage Humidity	Up to 90% RH (no condensation)

ORDER INFO	
Part No.	Description
KLX-500-DUO-S	Dual DVI-I KVM with Audio Point-to-Point Extender over LAN or CAT5e/6. Includes: [KLX-500-DUO-TX, KLX-500-DUO-RX, and 2 x CCPWR06]
KLX-500-DUO-TX	Dual DVI-I KVM with Audio Point-to-Point Extender Transmitter over LAN or CAT5e/6. Includes: [KLX-500-DUO-TX and CCPWR06]
KLX-500-DUO-RX	Dual DVI-I KVM with Audio Point-to-Point Extender Receiver over LAN or CAT5e/6. Includes: [KLX-500-DUO-RX and CCPWR06]

NOTICE

For more information, visit www.smartavi.com.

Designed and Manufactured in the USA

Smart-AVI
SMART AUDIO VIDEO INNOVATION

SmartAVI, Inc. / Twitter: @smartavi
2455 W Cheyenne Ave, Suite 112
North Las Vegas, NV 89032
http://www.SmartAVI.com

Smart-AVI
SMART AUDIO VIDEO INNOVATION

KLX-500-DUO

1080p DVI-D Video and
Keyboard, Mouse Extender for
2 Computers

**Extends HD Video & Keyboard,
Mouse signals from 2 Computers
up to 500 ft using CAT5/5e/6 cables**

Quick Start Guide

Introduction

The KLX-500-DUO extender provides 500 feet of connectivity using CAT 5/5e/6 cables used in LAN infrastructure to extend KVM (Keyboard, Video and Mouse) operation of 2 computers DVI input. Chain additional extenders to extend signals even further and transmit crystal clear audio-video signals in realtime. The KLX-500-DUO is an ideal fit in pre-existing LAN infrastructures, like corporate office environments and data centers. The KLX- 500-DUO supports full USB emulation and 1080p HD video up to 1920x1080 resolution at 60Hz. The KLX-500-DUO features dual control operation for local and remote KVM support, so managing workflow is never more than a mouse-click away. Built with plug-and- play functionality, setting up and running KLX-500-DUO is simple and seamless. No drivers or software installations required. The KLX-500-DUO compresses data to utilize CAT 5/5e/6 cables at no loss to performance or picture quality. For the best visual and control results when going the distance, KLX-500-DUO has your KVM and HD video needs covered.
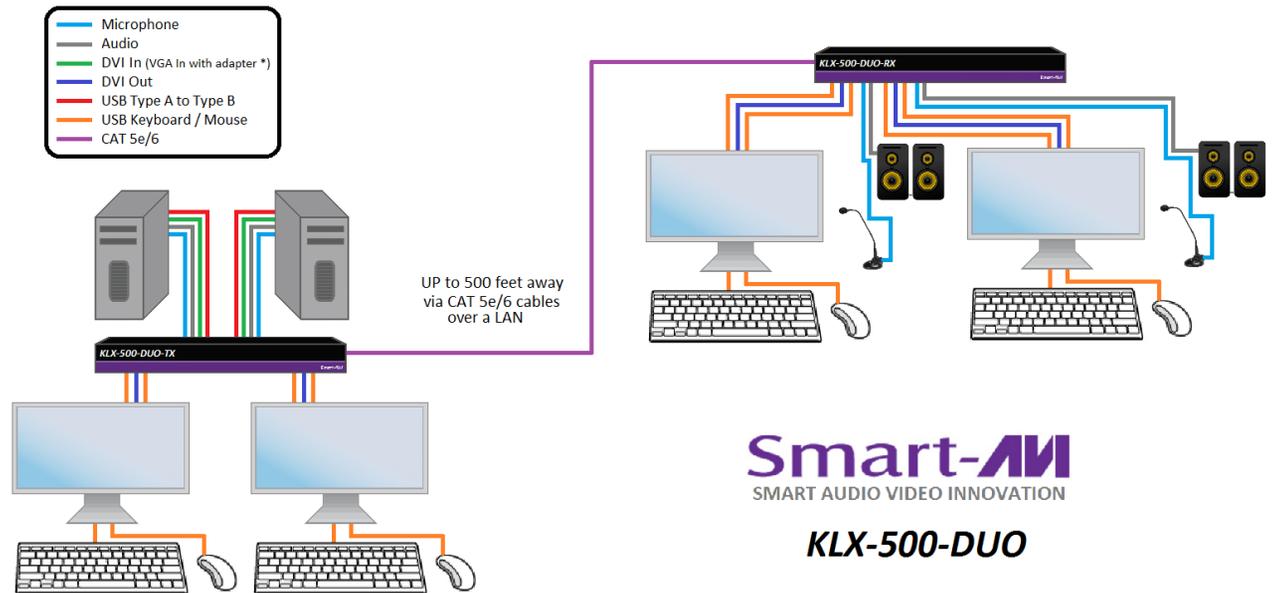
Features

- Extends KVM operation of 2 Computers up to 500 feet via CAT 5/5e/6 cables
- Chainable for thousands of feet of extension
- Supports full USB emulation for keyboard-mouse operation
- Audio input and output
- Supports 1080p up to 1920x1080 resolution at 60 Hz
- Plug-and-Play ready
- No software or driver required

Application

- Digital Signage
- Public Presentations
- Security and Surveillance
- Healthcare Supervision
- Educational Spaces
- Hotel Displays
- Convention Centers
- Point of Sale and Retail
- Military and Government Systems

Product - Installation Diagram

Connecting the KLX-500-DUO

1. Power off all devices prior to connecting them.
2. Connect the KLX-500-DUO-TX transmitter to the computers with 2 USB Type A to Type B cables.
3. Connect the computers DVI outputs to the KLX-500-DUO-TX DVI inputs. See Note below if VGA output is required.
4. Optionally connect the computers audio and microphone jacks to the KLX-500-DUO-TX.
5. If you want local access you may optionally connect DVI monitors to the DVI outputs on the KLX-500-DUO-TX and USB keyboards and mice to the KLX-500-DUO-TX USB ports marked for keyboard and mouse
6. Connect a CAT 5/5e/6 cable to the KLX-500-DUO-TX.
7. Connect a CAT 5/5e/6 cable to the KLX-500-DUO-RX.
8. Connect DVI monitors to the DVI outputs on the KLX-500-DUO-RX.
9. Connect USB keyboards and mice to the KLX-500-DUO-RX USB ports marked for keyboard and mouse.
10. Optionally connect speakers and microphones to the KLX-500-DUO-RX
11. Power on all devices.
12. Press and release the SW buttons on the KLX500-DUO-RX to learn EDIDs from the connected monitors. The Link LEDs will go out and come back on flashing once the EDIDs are learned.

NOTE: You can connect a computers VGA output port using a VGA to DVI-I Adapter on the TX DVI input port. The RX DVI output port is compatible with VGA. The TX DVI output port is not compatible with VGA.

KLX-500-DUO-TX Back   KLX-500-DUO-TX Front