

TECHNICAL SPECIFICATION

VIDEO	
Format	DVI-D
HDTV Resolutions	480p, 720p, 1080i, 1080p/60Hz/48bit
TV Resolution	480i
Input Interface (TX)	DVI-I, 4 USB Type A Female & 1 USB Type B
Output Interface (RX)	DVI-I, 4 USB Type A Female
Input Cable Length	Up to 40 ft.
Output Cable Length	Up to 40 ft.
AUDIO	
Format	Stereo
Input Interface	3.5 mm Jack Socket (Female)
Output Interface	3.5 mm Jack Socket (Female)
SYSTEM	
Interface	RJ-45
Cable Requirements	CAT 5/5e/6
Maximum Length	500 ft.
OTHER	
Power	External 100-240 VAC
Dimensions	17.125"W X 3.75"D X 4"H each
Weight TX & RX	2.5 lbs each
Approvals	UL, CE, ROHS Compliant
Operating Temp.	41 to 122 °F (5 to 50 °C)
Storage Temp.	32 to 149 °F (0 to 65 °C)
Humidity	Up to 85%

WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
KLX-500-DUO-TX	1	Dual DVI-I KVM with Audio Point-to-Point Transmitter over LAN or CAT5e/6
KLX-500-DUO-RX	1	Dual DVI-I KVM with Audio Point-to-Point Receiver over LAN or CAT5e/6
CCPWR06	2	Power Cord
Quick Start Guide	1	

NOTICE

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Smart-AVI
SMART AUDIO VIDEO INNOVATION

KLX-500-DUO

Industrial Dual-Port DVI-D KVM Extender via LAN



EXTEND DUAL-HEAD HD DVI, KEYBOARD-MOUSE, AND AUDIO OVER LAN ON ONE INDUSTRIAL RACK

Quick Start Guide

OVERVIEW

The KLX-500-Duo is an industrial-strength dual-port DVI-D with VGA support and KVM signal extender. Capable of transmitting 1080p HD video to two displays up to 500 feet away via CAT5e/6 cables over LAN, the KLX-500-Duo also allows dual keyboard/mouse operation extension for local and remote real-time system management; great for supervising and managing projects from the convenience of your personal workstation.

KLX-500-Duo is plug-and-play ready for easy set-ups, and chainable with other KLX extenders to connect with workstations over 500 feet away. The KLX-500-Duo is great for consolidating space and workflow alike, so don't let distance limit your systems: go further with the KLX-500-Duo.

FEATURES

- Extends KVM operation by 500 feet via LAN (Cat5e/6 cables)
- Chainable for thousands of feet of extension
- Supports 2 DVI monitors
- Integrated VGA-to-DVI source converter
- Supports full USB Keyboard-Mouse emulation
- Audio input and output
- Supports dual keyboard-mouse control operation with KVM devices
- Supports 1080p up to 1920x1080 resolution at 60 Hz
- Plug-and-Play ready; industrial enclosure

HARDWARE INSTALLATION

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.

