

## 5x1 HDMI/USB-C 4K60 Seamless Presentation Switch with HDBaseT 3.0 70m Out





Consolidate Five BYOD and Legacy Sources with Seamless Switching, KVM, Dante Audio & HDBaseT Extension

MPN: SW-5X1PS-70M



The KanexPro SW-5X1PS-70M routes five sources — three HDMI and two USB-C — to a single display at uncompressed 4K60 4:4:4 with a mirrored HDBaseT 3.0 output extending signals up to 40m at 4K60 or 70m at 4K30/1080p over a single shielded CAT6A cable. USB-C inputs support DisplayPort Alt mode for video, USB 2.0 data, 100M Ethernet pass-through, and 60W Power Delivery charging, making it the ideal drop point for visiting presenters and BYOD laptop users.

Seamless switching eliminates blackouts during source transitions in single-screen mode, while five multiview layouts (Single, PIP, PBP, Triple, Quad) allow simultaneous monitoring of multiple inputs. The built-in 3x3 Dante audio matrix provides 2x2 Dante I/O with per-output EQ, volume, and delay adjustments — routing networked audio without a separate DSP or interface. Local USB 2.0 KVM switching and HDBaseT KVM extension give operators keyboard and mouse control at both the local display and the remote receiver location. Control via front panel, IR remote, RS-232, TCP/IP, or Web GUI.

 <b>4K60</b> 4:4:4 18Gbps HDCP 2.2	 <b>5x1 Seamless</b> PIP/PBP/Triple Quad/Single	 <b>HDBaseT 3.0</b> 70m 4K30 40m 4K60	 <b>Dante Audio</b> 3x3 Matrix EQ/Vol/Delay	 <b>USB-C 60W</b> PD Charging DP Alt + KVM
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### KEY FEATURES

- 5x1 seamless switching across 3x HDMI and 2x USB-C inputs at 4K60 4:4:4, 18Gbps — zero-blackout transitions in single-screen mode
- HDBaseT 3.0 mirrored output extends uncompressed 4K60 to 40m and 4K30/1080p to 70m over a single CAT6A (F/FTP) cable with PoE
- USB-C inputs support DisplayPort Alt mode, USB 2.0, 100M Ethernet pass-through, and 60W Power Delivery charging
- Five multiview display modes: Single, PIP, PBP, Triple, and Quad — fast switching in multiview mode
- Built-in 3x3 Dante audio matrix with 2x2 Dante I/O — per-output independent EQ, volume, and delay adjustments
- Local USB 2.0 KVM switching plus USB 2.0 extension over HDBaseT 3.0 to remote receiver
- Analog audio I/O (1x line in, 1x line out) with Dante embedding and de-embedding support
- Manual and automatic input switching modes; CEC/RS-232 for external device power control
- Advanced EDID management; HDMI 2.0b, HDCP 2.2, DP 1.2 compliant
- Flexible control: front panel buttons, IR remote, RS-232, TCP/IP, Web GUI
- Standard PoE power supply (TX\_PSE, RX\_PD); bi-directional RS-232 and IR signal pass-through

### SPECIFICATIONS

<b>Video Inputs</b>	3x HDMI Type A (HDMI 2.0b)   2x USB-C (DP Alt mode, USB 2.0, 100M Ethernet, 60W PD)
<b>Video Outputs</b>	1x HDMI Type A (mirrored)   1x HDBaseT RJ45 (mirrored, PoE)
<b>Audio Inputs</b>	1x Analog Line In (3.5mm Phoenix)   1x Dante 2ch (RJ45)
<b>Audio Outputs</b>	1x Analog Line Out (3.5mm Phoenix)   1x Dante 2ch (RJ45)
<b>Video Bandwidth</b>	18 Gbps
<b>Max Resolution</b>	4K@60Hz 4:4:4 (HDMI 2.0b)   480i–4K@60Hz input range
<b>HDBaseT Distance</b>	4K60 4:4:4 → 40m/132ft   4K30/1080p → 70m/230ft via CAT6A (F/FTP)
<b>HDCP / Standards</b>	HDCP 2.2   HDMI 2.0b   DP 1.2   HDBaseT 3.0
<b>Multiview Modes</b>	Single / PIP / PBP / Triple / Quad
<b>Audio Matrix</b>	3x3 built-in   Dante 2x2   Independent EQ, Volume, Delay per output
<b>Audio Formats</b>	LPCM 2.0 @ 48kHz   Dante: 48kHz / 24-bit
<b>KVM</b>	USB 2.0 local switching   USB 2.0 extension over HDBaseT 3.0

<b>Control</b>	Front panel   IR remote   RS-232   TCP/IP   Web GUI   CEC
<b>Power Supply</b>	TX: DC 24V/8A (included)   RX: PoE (802.3at) or DC 24V
<b>Dimensions (TX)</b>	220mm (W) × 150mm (D) × 44mm (H)   1.21 kg
<b>Dimensions (RX)</b>	140mm (W) × 105mm (D) × 21.5mm (H)   424 g
<b>Operating Temp</b>	0°C – 40°C / 32°F – 104°F
<b>Certifications</b>	CE   FCC   UL (power supply)

## PACKAGE CONTENTS

1× SW-5X1PS-70M Seamless Presentation Switch (TX) • 1× HDBaseT Receiver (RX) • 1× IR Blaster Cable (1.5m) • 1× IR Wideband Receiver Cable (1.5m) • 2× 3-pin Phoenix Connector (male) • 3× 5-pin Phoenix Connector (male) • 4× Mounting Ears • 8× Machine Screws • 1× 24V/8A Power Supply & AC Cord (1.5m) • 1× IR Remote • 1× User Manual

