

5×1 HDMI/USB-C Seamless Presentation Switch with HDBaseT 3.0 Out — 4K60 to 40m, 4K30 to 70m

Consolidate Five BYOD and Legacy Sources with Seamless Switching, KVM, Dante Audio & HDBaseT Extension
MPN: SW-5X1PS-70M



The **KanexPro SW-5X1PS-70M** is a 5×1 seamless presentation switcher with an HDBaseT 3.0 receiver. It takes **2× HDMI**, **1× HDMI with USB-B**, and **2× USB-C (DP Alt Mode)** inputs, and the USB-C inputs provide **60W charging**. Over HDMI it carries uncompressed **4K@60Hz 4:4:4** video. Over a single CAT6a (F/FTP) cable, HDBaseT 3.0 carries **4K@60 up to 40m (131ft)** and **1080p or 4K@30 up to 70m (230ft)**.

Three inputs carry USB to the host: **USB-C 1, USB-C 2, and HDMI 3 with its USB-B port**. HDMI 1 and HDMI 2 carry video and audio only. The receiver includes **1× HDMI, 1× USB-B for PC input, 1× HDMI output, and 2× USB-A extension ports** for a keyboard, mouse, USB camera and other devices, giving **USB 2.0 extension and KVM**. USB devices at the receiver run at up to 350Mbps to a host at the switcher and up to 480Mbps to a PC on the receiver's USB-B port. The switch supports **single-screen and Multiview modes** (Single, PIP, PBP, Triple, Quad). Switching is seamless in single-screen mode and fast switching in Multiview. The **HDMI and HDBaseT outputs are mirrored**: both displays show the same picture. It features **1× analog audio input, 1× analog audio output, Dante® 2×2 audio I/O**, analog audio embedding/de-embedding, and a built-in **3×3 audio matrix with DSP**. Audio is **LPCM 2.0 at 48kHz**. The device can be controlled via **front panel, bi-directional IR, RS-232, RS-232 pass-through, TCP/IP, Web GUI, and Dante Controller**. The receiver can be powered either by a **24V DC adapter or PoE over HDBaseT**.

 Seamless 5x1 switching with Multiview	 HDBaseT 3.0 4K60 to 40m, 4K30 to 70m	 USB-C DP Alt Mode with 60W charging	 Dante 2x2 audio with 3x3 DSP matrix	 KVM USB 2.0 switching and extension
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KEY FEATURES

- 5x1 seamless switching (single screen), fast switching in Multiview
- Inputs: 2x HDMI, 1x HDMI with USB-B, 2x USB-C (DP Alt Mode, 60W charging)
- Uncompressed 4K60 4:4:4 over HDMI; HDMI 2.0b, HDCP 2.2, 18Gbps
- HDBaseT 3.0: 4K60 to 40m (131ft), 1080p/4K30 to 70m (230ft) on CAT6a F/FTP
- Multiview modes: Single, PIP, PBP, Triple, Quad
- Mirrored HDMI and HDBaseT outputs; receiver powered by PoE or 24V DC
- Dante 2x2 audio, analog in/out, 3x3 audio matrix with DSP
- USB 2.0 KVM and extension; control by front panel, IR, RS-232, TCP/IP, Web GUI

SPECIFICATIONS

Inputs	2x HDMI, 1x HDMI + USB-B, 2x USB-C (DP Alt Mode)
Outputs	1x HDMI, 1x HDBaseT (mirrored)
HDMI / HDCP / DP	HDMI 2.0b / HDCP 2.2 / DP 1.2
Video Bandwidth	18Gbps
Max Input Resolution	4K@60Hz 4:4:4
HDBaseT Distance	4K60: 131ft / 40m; 1080p and 4K30: 230ft / 70m
Cable	CAT6a F/FTP
HDR	Input supported; output not supported
USB-C	DP Alt Mode, USB 2.0, 100M Ethernet, 60W charging
USB Bandwidth	480Mbps (TX devices, RX to RX host); 350Mbps (RX devices to TX host)
Audio	Dante 2x2, analog in/out, 3x3 matrix, LPCM 2.0, 48kHz
Control	Front panel, IR, RS-232, TCP/IP, Web GUI, Dante Controller

APPLICATIONS

 BYOD corporate meeting room Two USB-C table connections give a presenter picture	 Hybrid UC room with display-end peripherals	 Dante-equipped boardroom	 Higher-ed classroom lectern The lectern PC	 Training and comparison room using multiview PIP
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