

4K60 1×4 HDMI Distribution Amplifier over CAT6 — 60m/197ft

Compact 4K60 Splitter Kit with PoC, HDR Pass-Through & Audio Extraction over CAT5e/6

MPN: SP-HDPOC1X4



OVERVIEW

Splits one 4K60 4:4:4 HDMI source to four CAT-connected displays at distances up to 60m in a compact half-rack enclosure that fits behind displays, inside furniture, or in shallow rack spaces. The SP-HDPOC1X4 includes four PoC-powered receivers — no separate power adapters, no configuration — just connect CAT cables and go.

Purpose-built for classrooms, retail signage, worship overflow, and residential multi-room setups where cable runs stay under 60m and simplicity matters more than enterprise control features. Supports HDMI 2.0, HDCP 2.2, 3D, HDR10/HDR10+/HLG/Dolby Vision, and 7.1-channel lossless audio. Coaxial and 3.5mm audio extraction on the transmitter feeds amplifiers or powered speakers. A rotary EDID dial eliminates HDMI handshake issues across mixed displays, and the Micro-USB SERVICE port provides ASCII command access for advanced integrators. CE/FCC/UL certified.

1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators and IT managers doing classroom, retail, worship, and residential installs where cable runs stay under 60m.

THE CHALLENGE

Enterprise HDBaseT kits are overkill for short-run installs. Budget alternatives lack certifications and audio extraction.

THE KANEXPRO ADVANTAGE

Compact half-rack TX with PoC to all 4 receivers, zero configuration, coaxial + 3.5mm audio extraction, and 3-year warranty at half the cost of enterprise kits.

2 PRODUCT POSITIONING

SP-HDPOC1X4 is the compact, zero-config 1×4 HDMI distribution kit for integrators and homeowners who need 4K60 on up to four displays within 60m.

3 APPLICATIONS

Classrooms & Training Rooms

Split a podium laptop or document camera to four displays in a single room or adjacent classrooms. PoC means zero power drops at each screen — just run CAT cable.

Retail Digital Signage

Distribute a media player to four display endpoints across a storefront, kiosk area, or mall corridor. Compact TX hides behind the source device.

Houses of Worship

Send a camera or graphics source from the stage to sanctuary, lobby, cry room, and overflow screens. One-way IR lets operators control the source from any display.

Residential Multi-Room

Share a cable box, streaming stick, or game console across four TVs in different rooms. Zero-config PoC and plug-and-play setup require no AV expertise.

Hospitality & Sports Bars

Distribute a cable box to multiple TVs across a bar, restaurant, or hotel lobby. HDCP 2.2 ensures protected content plays without handshake failures.

Small Conference Rooms

Mirror a single presentation source to four screens in a huddle space. Compact form factor and silent fanless operation keep the install clean and quiet.

4 WHO THIS IS FOR

K-12 Education

Worship

Retail/Signage

Residential

Small Conference

Hospitality

Ideal User

IT coordinator or AV tech at school, church, or retail chain

Project Types

K–12 classrooms, worship overflow, retail signage, residential multi-room

Typical Buyer

IT director, facilities manager, or homeowner

5 KANEXPRO PRODUCT COMPARISON

KanexPro offers splitter kits for different range and output requirements:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
SP-HDPOC1X4	Short-range 1×4	4K60 @ 35m, 1080p @ 60m	Compact, lowest cost, zero-config PoC
SP-HDPOC1X8	Short-range 1×8	4K60 @ 35m, 1080p @ 60m	Same compact architecture, 8 outputs
SP-1X4HD150M	Long-range 1×4	4K60 @ 120m, 1080p @ 150m	Enterprise-grade, bi-dir IR, RS-232, balanced audio
SP-1X8HD150M	Long-range 1×8	4K60 @ 120m, 1080p @ 150m	1U rack, 8 outputs, full control suite

Choose SP-HDPOC1X4 when cable runs are under 60m and up to 4 displays are needed.

6 FREQUENTLY ASKED QUESTIONS

Q: Do receivers need power?

No. All 4 receivers are powered via PoC from the TX over the same CAT cable. Optional 12V local power available as fallback.

Q: Can I mix 4K and 1080p displays?

Yes. The rotary EDID dial resolves mixed-resolution handshake issues automatically.

Q: What cable is recommended?

CAT6/6a/7 STP solid-core copper for best results. CAT5e works at shorter distances.

Q: How do I control the splitter?

Micro-USB SERVICE port on the TX accepts ASCII commands at 115200 baud. Rotary EDID dial for quick preset changes.

Q: When should I choose the 150m kit instead?

When cable runs exceed 60m, or when you need bi-directional IR, RS-232 pass-through, or balanced audio output.