Kramer PT-871/2XR-KIT 4K HDR HDMI Compact PoC Extender (Transmitter/Receiver) Kit over Long-Reach DGKat 2.0

PT−871/2xr−KIT is a high−performance, long−reach DGKat™ 2.0 extender kit for 4K@60Hz (4:4:4) HDR HDMI 2.0 and HDCP 2.2 signals and 2−way powering over twisted pair. The PT−871xr transmitter converts all input signals into the DGKat™ 2.0 signal. The PT−872xr receiver converts the transmitted DGKat™ 2.0 signal into an HDMI signal. PT−871/2xr−KIT extends video signals to up to 60m (200ft) at 4K@60Hz (4:4:4) resolution and up to 70m (230ft) at 4K@60Hz (4:2:0) 24bpp resolution over Kramer shielded cables.

Features

- High Performance Extender — Professional DGKat™ 2.0 extender kit for providing long–reach signals and 2–way power over twisted pair copper infrastructures. PT–871/2xr–Kit extender employs low–level video compression technology that delivers visually lossless performance for 4K@60Hz (4:4:4) HDR signals with near–zero latency. PT–871xr converts the HDMI input signal into the transmitted DGKat™ 2.0 signal. PT–872xr converts the transmitted DGKat™ 2.0 signal into an HDMI signal. PT–871/2xr–KIT extends video signals to up to 60m (200ft) at 4K@60Hz (4:4:4) resolution and up to 70m (230ft) at 4K@60Hz (4:2:0) 24bpp resolution over Kramer shielded cables.
- HDMI Signal Extension — HDR, HDMI 2.0 and HDCP 2.2 compliant. Supports deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS–HD, 2K, 4K, and 3D. EDID signals are passed through from the source to the display.
- I–EDIDPro™ Kramer Intelligent EDID Processing™ — Intelligent EDID handling, processing and pass–through algorithm that ensures Plug and Play operation for HDMI source and display systems.
- Multi–channel Audio Extension — Up to 32 channels of digital stereo uncompressed signals for supporting studio–grade surround sound.
- Cost–effective Maintenance — Status LED indicators for HDMI and DGKat™ 2.0 ports facilitate easy local maintenance and troubleshooting.
- Easy Installation — Single twisted–pair cable for signal and power wiring. Compact Pico TOOLS™ fan–less enclosure for device–back mounting, or side–by–side mounting of 4 units in a 1U rack space with the optional RK–4PT rack adapter.

APPLICATIONS

- Long–distance AV signal extension for large room connectivity
- AV extension in meeting rooms, boardrooms, hotels and corporate facilities