

Kramer VM-218DT 2x1(8) 4K60 HDMI and Long-Reach HDBaseT/RS-232/IR and Stereo Audio Switchable DA

VM-218DT is a high-quality, long-reach 4K@60Hz (4:2:0) HDBaseT distributor that takes either an HDMI or a long-reach HDBaseT input (selectable), equalizes and reclocks the signal and distributes it to eight identical long-reach HDBaseT outputs, each with its own RS-232/IR control signals. The unit also includes a loop HDMI output along with audio de-embedding to analog stereo port. As an integrated extender distributor, the VM-218DT re-extends and distributes native long-reach HDBaseT signals with up to 4K video resolution.

Features

- High Performance Extender Distributor — High-quality professional 1:8 distribution of native long-reach HDBaseT signals, for deploying mid-way between an AV source and multiple remote displays and gaining extra long-reach extension. It is coupled with both sides, input and output, extension of a maximum 4K@60Hz (4:2:0) 24bpp video resolution signal to maximum 40m (130ft) long-reach over CAT copper cable, and even further reach for lower HD video resolution. The extender distributor is standard and capable of being connected to any market-available HDBaseT compliant extending product.
- Cables — For optimum range and performance, use recommended Kramer cables.
- HDMI Signal Extension — HDMI 2.0 and HDCP 1.4 compliant signal, supporting deep color, x.v.Color™, lip sync, 7.1 PCM, 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™ — An intelligent EDID handling, processing and pass-through algorithm that ensures Plug and Play operation for HDMI source and display systems.
- Looping HDMI Output — Enables monitoring and cascading to additional DAs.
- Bidirectional RS-232 Extension — Serial interface data flows in both directions, on each extension line, enabling data transmission and control of devices.
- Bidirectional Infrared Extension — IR interface data flows in both directions, on each extension line, enabling remote control of peripheral devices located at either end of the extended line.
- Audio Drop (De-embed) — The transmitted digital audio signal is converted to an analog signal and dropped (de-embedded) to stereo unbalanced analog audio output. This enables user-selectable drop of input digital audio to play at local hi-quality speakers separate from a local receiver-connected AV sink device, such as a TV display or audio speakers, to provide higher quality audio playback.
- Cost-effective Maintenance — Status LED indicators for HDMI and HDBT ports to facilitate easy local maintenance and troubleshooting. Remote device management via built-in web pages or RS-232 control connection. Local and remote firmware upgrade via mini-USB, control RS-232 or Ethernet connection and the K-Upload tool to ensure long field-proven deployment.
- Easy Installation — Twisted-pair cables for HDBaseT signals wiring. Rack mountable enclosure for mounting in a 1U rack space with included 'ear' rack adapter.
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APPLICATIONS

- Presentation and multimedia applications
- Rental and staging