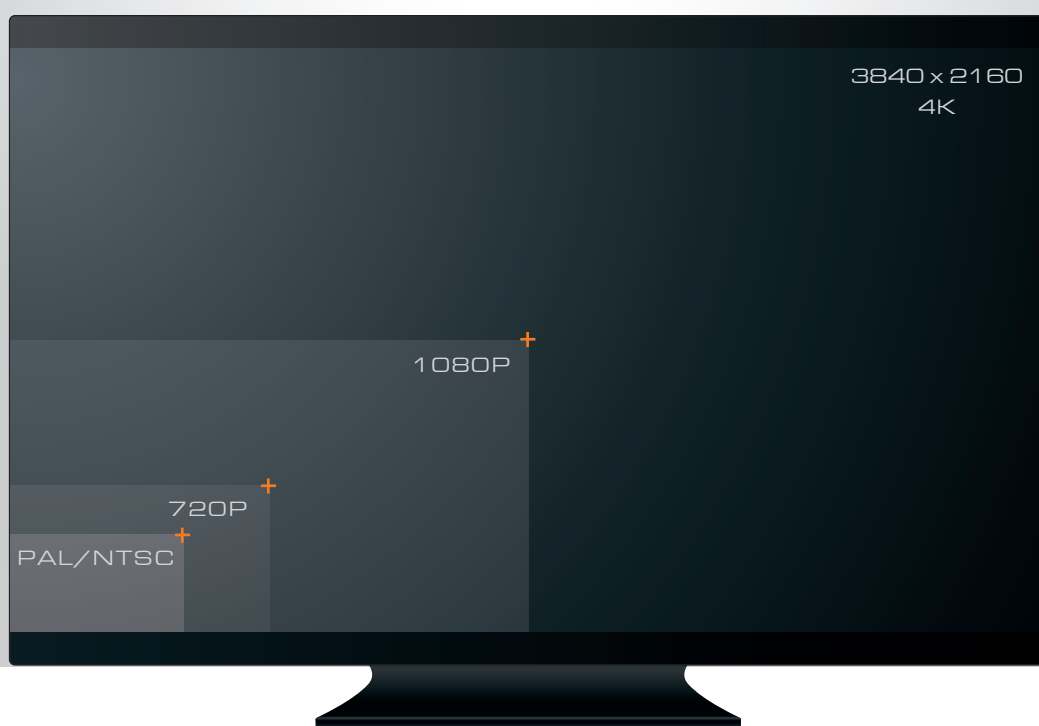




KRAMER'S ULTRA-HIGH
DEFINITION SOLUTIONS

FULFILLING TOMORROW'S AV REQUIREMENTS TODAY



Kramer Electronics new line of 4K Ultra HD resolution products provide the user with the ultimate immersive visual experience.

Kramer's 4K Ultra HD products are the heart of your AV installation. Fiber and HDBaseT™ range extenders, an HDMI matrix switcher and an HDMI distribution amplifier provide a cost-effective, universal, reliable routing solution. They are an ideal AV solution in today's and tomorrow's challenging business environment.

DISTRIBUTION AMPLIFIERS

VM-4HN

1:4 HDMI Distribution Amplifier



The VM-4HN is a distribution amplifier for HDMI signals. It reclocks and equalizes the signal and distributes it to four identical outputs.

FEATURES

- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel).
- Max. Resolution - Up to 4K and 1080p at 60Hz.
- HDTV Compatible.
- HDCP Compliant.
- Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal to travel longer distances.
- i-EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems.
- HDMI Support - Deep Color, x.v.Color™, Dolby® TrueHD, Dolby Digital Plus, DTS-HD®, and 7.1 multi-channel audio.
- Active Input & Output LED Indicators.
- Compact DigiTOOLS® - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.

MATRIX SWITCHERS

VS-62H

6x2 HDMI Matrix Switcher



The VS-62H is a high-quality, 6x2 matrix switcher for HDMI, unbalanced and balanced stereo, digital and embedded audio signals. It reclocks and equalizes the signals and can route any input to either or both outputs simultaneously.

FEATURES

- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel).
- HDTV Compatible.
- HDCP Compliant.
- Max. Resolution - Up to 4K.
- Kramer reKlocking™ & Equalization Technology - Rebuilds the digital signal to travel longer distances.
- HDMI Support - 3D, Deep Color, x.v.Color™, Lip Sync, 7.1 multi-channel audio.
- Supports Programmable Step-in Functionality - Over HEC-enabled HDMI cables, when used with SID-X3N (SID-X3N supports 6.75Gbps video).
- 3D Pass Through.
- EDID Capture - Copies and stores the EDID from a display device.
- Auto Switching Option - For either or both outputs, last-connected or priority switching.
- Non-Volatile EDID Storage.
- Lock Button - Prevents unwanted tampering with the front panel.
- Internal Pattern Generator.
- Kramer Protocol 3000 Support.
- Flexible Control Options - Front panel buttons, IR remote (included), optional external remote IR receiver, RS-232, Ethernet.
- USB Port - For upgrading firmware.
- Note - To connect an SID-X3N to a VS-62H and enable transfer of Step-in commands over HDMI, use an HDMI cable that supports HEC (HDMI Ethernet Channel).
- Desktop Size - Compact Size. 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.



4K ULTRA HD CERTIFIED HDBASET EXTENDERS

Kramer's certified HDBaseT™ range extenders, available as standalone units and wall plates, send 4K Ultra HD signals up to 130ft (40m), when using BC-DGKat623 cables.

The family consists of a DigiTOOL-sized extender set (TP-580R/T; TP-580RXR/TXR) and compatible wall plates (WP-580R/T; WP-580RXR/TXR).

670T/670RN

HDMI over Fiber Optic Transmitter and Receiver



The 670T and 670RN are a high-performance fiber optic transmitter and receiver for HDMI signals. The 670T converts an HDMI signal to an optical signal that is transmitted over one single fiber optic cable to the 670RN receiver that converts it back to an HDMI signal.

FEATURES

- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel).
- Supports 4K x 2K Resolution - 670T when used with 670RN.
- HDTV Compatible.
- HDCP Compliant.
- EDID PassThru - Passes EDID signals between the source and display.
- HDMI Support - Deep Color, x.v.Color™, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD, CEC.
- 3D Pass-Through.
- Signal Transmission - Transmits four TMDS video channels as well as one low-speed channel for passing HDCP, EDID and a Hot Plug Detect (HPD) signal over one multimode fiber.
- System Range - 400m (1300ft) at 4K resolution, 1700m (5570ft) for other resolutions.
- Cable - Multimode fiber optic OM3 cable with SC connectors.
- Compact DigiTOOLS® - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



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