



# Kramer Audio-Visual Signal Management Series 3

Comprehensive portfolio of fully interoperable,  
advanced audio-visual distribution products

# End-to-end AV Signal Management at its best

Experience unprecedented simplicity, flexibility, and scalability in integrating complete, high-performance AV solutions for any space, any application. Kramer's Series 3 is a comprehensive portfolio of advanced audio-visual distribution products supporting end-to-end 4K60 video across the most complex installations. It includes matrices, switchers, extenders, distribution amplifiers, and video processors, all fully interoperable, controlled and managed together through a unified, intuitive interface.

Series 3 provides a singular experience across all products interconnecting video, audio, and Ethernet signals, as well as USB, from origin to destination. It offers versatile deployment options, simplified configuration, and unified and secured management. Comprising Kramer's most advanced product families, Series 3 delivers end-to-end audio-visual distribution with a premium connectivity experience.



## High-performance AV, end to end

Deliver a premium audio-visual experience, with the highest-quality uncompressed 4K60 4:4:4 video with zero latency, switching at faster than 1 second, single-cable comprehensive extension, and advanced USB-C connectivity. The Series 3 portfolio supports the most advanced collaboration devices and demanding use cases, providing a complete solution for high-performance AV signal processing wherever it's needed.

### Highest 4K60 resolution

With embedded support for distribution of uncompressed 4K60 4:4:4 video with no latency, Series 3 products deliver the sharpest, most detailed images, with outstanding vivid color and high contrast, even on large video walls. Series 3 supports 10 Gbps connectivity to local USB devices, providing end users with a premium video and audio experience during hybrid sessions.

### Fast switching

Advancing on earlier products, Series 3 products provide fast switching (<1sec), supporting the most-demanding mission-critical applications. Selected products support seamless switching.

### Advanced, universal connectivity with USB-C

USB-C ports are built into Series 3 products, enabling end-users to plug in a single cable for charging, high-quality video and audio, internet connectivity, and connectivity to collaboration devices. USB-C connectivity reduces the number of cables and electricity points needed in a space, simplifying installations and reducing costs. An advanced, built-in USB-C dock connects all AV, USB, power and LAN signals, enabling automated simultaneous switching of audio, video and USB signals.

### Comprehensive extension with a single cable

High-performance HDBT 3.0 extension via a single cable simplifies installation of remote units. Just one CAT6A cable can handle extension of uncompressed 4K60 4:4:4 video, USB connectivity for cameras and other devices, high-speed 1Gbps Ethernet, remote device powering, and remote management and control of devices such as displays, microphones, and cameras.

### 4K-grade image quality from remote devices

Series 3 products enable sharper images at 4K-grade quality over longer distances, supporting the latest advances in collaboration devices. Connection over HDBaseT triples the USB video delivery speed from remote USB devices.





## A singular experience across all audio-visual distribution product lines

Integrate AV solutions with total ease and peace of mind. Kramer's new series-based approach to audiovisual distribution makes it simpler than ever to design, configure and securely manage complete AV solutions. In line with this approach, Series 3 brings together multiple audio-visual distribution product lines, providing the building blocks for any deployment scenario.

### Full interoperability

Series 3 product lines are fully interoperable, enabling simple and assured solution integration as well as flexible and scalable deployment. Users enjoy a uniform experience across all products connecting varied video, audio, USB devices and Ethernet signals.

### Secured, unified management

All Series 3 products are managed and configured using tools that have the same look and feel and use the same methodology. All connections to the devices are secured and can be managed by authenticated devices and users. Series 3 devices support major industry and IT security standards, including 802.1x, HTTPS and OWASP.

### Versatile deployment

The wide range of Series 3 products offers excellent flexibility to build the right solution for any space, no matter how small or large. From huddle rooms to the largest auditoriums, Series 3 products efficiently interconnect video, audio and USB devices and Ethernet signals for the optimal audio-visual experience.



## Full coverage of all AV connectivity protocols




Connect your preferred collaboration devices with a complete range of advanced audio-visual signal management products that support legacy and advanced protocols across the board.









### The Kramer Series 3 fully supports:

- HDMI 2.0b with HDCP
- USB-C for Video, USB2&3 Data/UAC/UVC, Power, Ethernet
- RS232, CEC, IR, Relay, IO's
- Audio interfaces
- Ethernet and PoE
- And more



# Series 3 Products (partial list)

Series 3 Extenders		
EXT3-2I-XR-TR		<ul style="list-style-type: none"><li>• 2x1 4K60 HDMI/USB switcher extender</li><li>• 100m over HDBaseT 3.0</li><li>• 2-way PoE</li><li>• Flexible - transmitter or receiver</li><li>• Secured management &amp; control</li></ul>
EXT3-C-XR-T		<ul style="list-style-type: none"><li>• 4K60 USB-C transmitter</li><li>• 100m over HDBaseT 3.0</li><li>• PoE-powered</li><li>• Built-in full USB-C docking</li></ul>
EXT3-C-WP-XR-T		<ul style="list-style-type: none"><li>• 4K60 USB-C transmitter</li><li>• 2-gang white or black WW wall-plate</li><li>• 100m over HDBaseT 3.0</li><li>• PoE-powered</li><li>• Built-in full USB-C docking</li></ul>
EXT3-POE-XR-R		<ul style="list-style-type: none"><li>• 4K60 HDMI/USB receiver</li><li>• 100m over HDBaseT 3.0</li><li>• 2-way PoE</li></ul>
EXT3-XR-TR		<ul style="list-style-type: none"><li>• 4K60 HDMI/USB extender</li><li>• 100m over HDBaseT 3.0</li><li>• Flexible - transmitter or receiver</li></ul>
EXT3-TR		<ul style="list-style-type: none"><li>• 4K60 HDMI/USB extender</li><li>• 40m over HDBaseT 3.0</li><li>• Flexible - transmitter or receiver</li></ul>
EXT3-U-KIT		<ul style="list-style-type: none"><li>• USB 2.0, RS-232 &amp; audio extender kit</li><li>• 100m over CAT cable</li><li>• 2-way PoC</li></ul>
EXT3-UE-R		<ul style="list-style-type: none"><li>• Managed USB 2.0 Ethernet &amp; audio receiver</li><li>• 100m over CAT cable</li><li>• 2-way PoC</li></ul>
EXT3-U-R		<ul style="list-style-type: none"><li>• USB 2.0, RS-232 &amp; audio receiver</li><li>• 100m over CAT cable</li><li>• 2-way PoC</li></ul>

Series 3 Switchers		
SWT3-3I-HU		<ul style="list-style-type: none"><li>• 3x1 USB-C/HDMI switcher</li><li>• 4K60 4:4:4 AV and USB 3.1 coupled-signals switching</li><li>• Built-in full USB-C docking</li><li>• PoE powering</li><li>• Secured remote control and management</li></ul>
SWT3-4I-U-T		<ul style="list-style-type: none"><li>• 4x1 USB 3.1 &amp; dual-transmitter switcher</li><li>• Dual-link USB 2.0 &amp; LAN extension on 1 CAT cable</li><li>• Built-in USB-C docking</li><li>• PoE powering</li><li>• Secured remote control and management</li></ul>
SWT3-4I-U		<ul style="list-style-type: none"><li>• 4x1 USB 3.1 switcher</li><li>• Built-in USB-C docking</li><li>• PoE powering</li><li>• Secured remote control and management</li></ul>
SWT3-4I-H		<ul style="list-style-type: none"><li>• 4x1 intelligent HDMI switcher</li><li>• Up to 4K60 4:4:4 resolution</li><li>• PoE powering</li><li>• Secured remote control and management</li></ul>
SWT3-2I-H		<ul style="list-style-type: none"><li>• 2x1 intelligent HDMI switcher</li><li>• Up to 4K60 4:4:4 resolution</li><li>• PoE powering</li><li>• Secured remote control and management</li></ul>
Series 3 Modular Matrices		
MTX3-16-M		<ul style="list-style-type: none"><li>• 16x16 8K modular matrix</li><li>• Flexible I/O cards mix</li><li>• Secured management &amp; control</li><li>• Compact</li></ul>
MTX3-34-M		<ul style="list-style-type: none"><li>• 34x34 8K modular matrix</li><li>• Flexible I/O cards mix</li><li>• Secured management &amp; control</li><li>• Compact</li></ul>
Series 3 Matrices		
MTX3-88-SE		<ul style="list-style-type: none"><li>• 8x8 4K60 HDMI/HDBT scaling matrix</li><li>• Seamless switching</li><li>• Multi-viewer</li><li>• Dual 100m HDBaseT 3.0 mirrored outputs</li><li>• Secured management &amp; control</li></ul>

## About Kramer

Kramer audio-visual experiences power creativity, collaboration, and engagement. From AVSM to advanced cloud-based communication, collaboration and control solutions, Kramer creates audio-visual experiences that are more engaging, more inclusive and more connected than ever before. Headquartered in the heart of Startup Nation - Tel Aviv, Israel, with locations around the world, Kramer's audio-visual experts are designing the future of engagement technology. Physical and digital boundaries have blurred. But no matter how hybrid our world becomes, our desire for real, human connection will never cease. Kramer's intuitive, seamless technology breaks down walls, bridges gaps, and makes people feel closer together even when they're far apart.



[www.kramerav.com](http://www.kramerav.com)