VS-622DT

All-in-One Presentation System with 6x2 4K60 4:2:0 HDMI/HDBaseT Matrix Switching, Control Gateway, PoE, Power Amplifier & Maestro Room Automation

| HDMI | Ethernet - RJ-45 | HDBaseT | 4K/60 UHD (4:2:0)



VS-622DT is an all-in-one 4K@60Hz (4:2:0) presentation system with 6x2 HDMI/HDBaseT matrix switching, control gateway, PoE, power amplifier, and Maestro room automation. The unit reclocks and equalizes the signals and can route any input to the HDMI or the HDBaseT output or to both outputs simultaneously. It supports resolutions up to 4K@60Hz (4:2:0) and WUXGA.
VS-622DT is also a control gateway that can send control signals over the Ethernet or HDBT LINE with control ports that include: RS-232, four IR, two GPI/O, and two relays to control a wide variety of AV devices. The unit provides power to PoE compatible devices

FEATURES

- **Max. Data Rate** - 10.2Gbps (3.4Gbps per graphics channel)
- **Max. Resolution** - 4K@60Hz (4:2:0) and WUXGA
- **HDBaseT Extension Reach** - Up to 100m at 4K @60Hz (4:2:0), up to 130m (430ft) at full HD (1080p @60Hz 36bpp), up to 180m (590ft) at ultra–mode and full HD (1080p @60Hz 24bpp). For optimum range and performance, use recommended Kramer cables
- **Simple and Powerful Maestro Room Automation** - Intuitive user interface enables you to fully automate your meeting room elements. Configure lights, shades, devices and more to be activated by an extensive range of triggers, including scheduling, input/output connectivity, routing, and button pressing. By minimizing user intervention, Maestro room automation saves meeting prep time and minimizes human error before presentations
- **Provides Power (PoE) on All HDBaseT Ports to Compatible Devices**
- **Power Amplifier** - 1x120W @70V/100V & 2x60W @4/8Ω with line level output, fast swapping between two de-embedded audio sources and individual gain for each source
- **Audio De-embedding (Extracting)** - The user selects the audio signals from 2 of the 6 inputs (2 HDBaseT + 4 HDMI) to be de-embedded. The de-embedded signals are output through the two balanced analog audio outputs. In addition, one of the de-embedded audio signals can be output to the power amplifier
- **HDBaseT Data Tunneling** - Supports Ethernet tunneling, as well as bidirectional tunneling for RS–232 and IR
- **HDCP Compliant**
- **HDMI Support** - 3D, Deep Color, x.v.Color™, Lip Sync, Dolby® TrueHD, Dolby Digital Plus, DTS-HD®, and 7.1 PCM
- **EDID Capture** - Copies and stores the EDID from a display device
- **Advanced Auto AV Switching Option** - Independent (breakaway) audio routing of embedded HDMI content to two balanced audio ports
- **Programmable Step-In over HDMI Functionality** - When used in conjunction with compatible step-in devices, such as the SID-X3N and DIP-31 (using an HDMI cable that supports HEC, the HDMI Ethernet Channel)
- **True Video Clock Detection**
- **Non-Volatile EDID Storage**
- **Kramer reKlocking™ & Equalization Technology** - Rebuilds the digital signal to travel longer distances
- **Lock Button** - Prevents unwanted tampering with the front panel
- **Internal Pattern Generator**
- **Embedded Web Pages** - Provide remote configuration and operation
- **Static or Dynamic DHCP IP Addressing**

Flexible Control Options - Front panel buttons, RS−232, Ethernet, buttons and LED over contact closure, embedded Web server, Kramer Protocol 3000 support

USB Port - For upgrading firmware

TECHNICAL SPECIFICATIONS

Inputs	2 HDBT with PoE: On female RJ-45 Connectors
	4 HDMI: On female HDMI connectors
Outputs	1 HDBT with PoE: On a female RJ-45 Connector
	1 HDMI: On a female HDMI connector
	2 Stereo Balanced Audio: On 5-pin terminal block connectors
	1 Power Amplifier for Stereo or 1 Mono Speaker: On a 4-pin large terminal block
Ports	1 Ethernet: On an RJ-45 female connector
	1 Control RS-232: On a 3-pin terminal block
	1 USB (PROG): On a mini USB connector, for firmware upgrade
	1 RS-232 On a 3-pin terminal block
	4 IR: On 2-pin terminal block connectors
	2 GPI/O: On 2-pin terminal block connectors
	2 Relays: On 2-pin terminal block connectors
Video	Max Resolution: Up to 4K@60Hz UHD (4:2:0)
	Compliance: HDCP 1.4
Power Amplifier	1 x 120W @ 70V/100V;2 x 60W @ 4/8Ω
Extension Line	Up to 100m (330ft) At 4K@60Hz (4:2:0)
	Up to 130m (430ft) At Full HD (1080p @60Hz 36bpp)
	Up to 180m (590ft) HDBaseT Ultra Mode and Full HD (1080p @60Hz 24bpp)
Room Automation	Kramer Maestro V1.5
User Interface	Controls: Input selection buttons, swap, EDID, lock and audio control buttons
	Indicators: Power, RS-232, IR, GPI/O and relay LEDs
	Remote: RS-232, Ethernet, Web pages, Programmable Maestro buttons interface
Power	Source: 100-240V AC
	Consumption: 250VA max
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F)
	Storage Temperature: -40° to +70°C (-40° to 158°F)
	Humidity: 10% to 90%, RHL non-condensing
REGULATORY	Safety: CE
	Environmental: RoHs, WEEE
Enclosure	Size: 19”, 1U
	Type: Aluminum

	Cooling: Fan Ventilation
Accessories	Included: Power cord
Product Dimensions	43.64cm x 23.72cm x 4.36cm (17.18" x 9.34" x 1.72") W, D, H
Product Weight	2.6kg (5.7lbs) approx
Shipping Dimensions	52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21") W, D, H
Shipping Weight	3.7kg (8.2lbs) approx

