



KRAMER

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



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: two 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 Extracting (De-embedding) - The user selects the audio signals from 2 of the 6 inputs (2 HDBaseT + 4 HDMI) to be extracted. The extracted signals are output through the two balanced analog audio outputs. In addition, one of the extracted 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 control

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 and analog audio 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 reClocking™ & 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, IR remote (included), optional external remote IR receiver, RS-232, Ethernet, buttons and LED over contact closure, embedded Web server, Kramer Protocol 3000 support

USB Port - For upgrading firmware



TECHNICAL SPECIFICATIONS

2 HDBT with PoE:	On female RJ-45 Connectors
4 HDMI:	On female HDMI connectors
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
1 Ethernet:	On an RJ-45 female connector
2 RS-232:	On 3-pin terminal blocks
1 USB (PROG):	On a mini USB connector, for firmware upgrade
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
Max Resolution:	Up to 4K@60Hz UHD (4:2:0)
Compliance:	HDMI 1.4 and HDCP 1.4
Power Amplifier	1 x 120W @ 70V/100V; 2 x 60W @ 4/8Ω
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)
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, IR remote control transmitter, Programmable Maestro buttons interface
Source:	100-240V AC
Consumption:	250VA max
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
Safety:	CE
Environmental:	RoHs, WEEE
Size:	19", 1U
Type:	Aluminum
Cooling:	Fan Ventilation
Included:	Power cord

