KRAMER

VP-553xl
Boardroom Presentation Switcher/Dual Scaler

| VGA/UXGA - 15-pin HD | HDMI | Ethernet - RJ-45 | HDCP Compliant | HDBaseT

The VP553xl is a highperformance 6x2 presentation switcher/scaler for HDMI, HDBaseT and analog signals, and a 4x1 USB switcher. The unit has dual, independent, scaled outputs, the first on both HDMI and HDBaseT connectors, and the second on an HDMI connector. Both can take from the six digital inputs: three HDBaseT and three HDMI signals; while the first also includes analog inputs for two computer graphics signals, two composite video and two analog TP inputs. Analog, digital and embedded audio are supported, and the unit also includes a microphone input and rich DSP features

FEATURES

Pix-Perfect™ Scaling Technology - Kramer's precision pixel mapping and high quality scaling technology. Highquality 3:2 and 2:2 pull down deinterlacing and full up and downscaling of video input signals

HDTV Compatible

HDCP Compliant - The HDCP (High Definition Content Protection) license agreement allows copyprotected data on the HDMI input to pass only to the HDMI outputs

HDBaseT Range - Up to 70m (230ft) using BCHDKat6a cable

Cable - Shielded twisted pair (STP) cable recommended. For optimum range and performance use, use Kramer's BCHDKat6a cable. Note that the transmission range depends on the signal resolution, graphics card and display used. The distance using nonKramer CAT 5, CAT 6, and CAT 7 cables may not reach these ranges

Video Inputs - 3 HDMI connectors, 3 HDBaseT on RJ45 connectors, 2 VGA on 15pin HD connectors, each with unbalanced stereo audio on 3.5mm connectors; 2 VGA & audio over CAT 5 on RJ45 connectors; 2 composite video on RCA connectors with unbalanced stereo audio on 3.5mm mini jacks

Scaled Outputs - 2 HDMI & 1 HDBaseT

Output Resolutions - HDTV and computer graphics and 1080p/UXGA with selectable refresh rates

4x1 USB Switcher - Can be set to follow the switching of the video layer or can be used as an independent switcher. 4 USBB input connectors, 1 USBA output connector

OSD (On Screen Display) - For easy setup and adjustment, accessible via the IR remote control and via the front panel buttons

Audio DSP - Powerful digital audio signal processing, including audio equalization, mixing, delay, etc

Input and Output Audio Level Adjustment

Selectable Microphone Talkover or Mix Modes

Automatic Audio Detection & Selection - On the HDMI input source, default selection is HDMI. If not present, the unit uses the audio from the analog input. Manual audio selection is also available

Audio Inputs - 3 analog HDMI audio, 2 analog PC audio on 3.5mm mini jacks; 2 stereo CV audio on RCA connectors each with individual level controls

Microphone Input - Dynamic or condenser (with 48V phantom voltage)

Audio Outputs - 2 balanced stereo audio on terminal blocks

Multiple Aspect Ratio Selections - Full, overscan, underscan, letterbox & panscan

Built-in ProcAmp - Color, hue, sharpness, noise, contrast & brightness

Front Panel Control - Audio mute, video blanking & freeze frame

Front Panel Lockout

Built-in Web Pages - For easy setup and remote control

Firmware Upgrade - Via Ethernet

Non-Volatile Memory - Saves final settings

Flexible Control Options - Front panel, IR remote with OSD (onscreen display), Ethernet with builtin Web pages & RS232

Worldwide Power Supply - 100240V AC

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TECHNICAL SPECIFICATIONS

INPUTS:	3 HDMI connectors (HDMI, HDCP), 2 VGA on 15pin HD connectors, 2 composite video on RCA connectors, 2 analog TP on RJ45 connectors, 3 HDBT on RJ45 connectors, 4 USBB ports, 3 unbalanced analog audio on 3.5mm mini jacks for HDMI, 2 unbalanced analog audio on 3.5mm mini jacks for PC, 1 Aux in balanced stereo audio on 5pin terminal block connectors, 2 balanced audio (L and R) RCA connectors for CV
OUTPUTS:	1 HDBT on RJ45 connector, 2 HDMI connectors (HDMI, HDCP), 1 USB port, 1 monitor out balanced stereo on a 5pin terminal block connector, 1 line out balanced stereo on a 5pin terminal block connector
OUTPUT RESOLUTIONS:	NATIVE, 640x480@60, 800x600@60, 1024x768@60, 1280x768@60, 1360x768@60, 1280x720@60, 1280x800@60, 1280x1024@60, 1440x900@60, 1400x1050@60, 1680x1050@60, 1600x1200@60, 1920x1080@60, 1920x1200@60, 720x480p@60, 1280x720p@60, 1920x1080i@60, 1920x1080p@60, 720x576p@60, 1280x720p@50, 1920x1080i@50, 1920x1080p@50
CONTROLS:	TP 1, TP 2, CV 1, CV 2, HDBT 1, HDBT 2, HDBT 3, PC 1, PC 2, HDMI 1, HDMI 2, HDMI 3, USB 1, USB 2, USB 3, USB 4 input selector buttons; 2 blank, 2 mute, 2 freeze buttons; menu, enter, menu arrows, reset to XGA/720p, OSD SELECT, 2 RS232, IR, Ethernet, 2 level and EQ trimmers, line/mic selector switch, cond/dyn selector switch, mono/stereo selector switch, REM for muting audio
POWER CONSUMPTION:	100240V AC, 43VA 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 noncondensing
PRODUCT DIMENSION:	19" x 11.93 x 2U (43.6cm x 30.30cm 8.80cm) W, D, H
PRODUCT WEIGHT:	3.7kg (8.0lbs) approx
SHIPPING DIMENSION:	52.60cm x 47.50cm x 18.40cm (20.71" x 18.70" x 7.24") W, D, H
SHIPPING WEIGHT:	5.1kg (11.2lbs) approx
INCLUDED ACCESSORIES:	Power cord, rack "ears", IR remote control
OPTIONS:	Kramer BCHDKat6a cable

From
TP-121xl
TP

From
TP-580T
TP

USB

USB

HDMI

PC 1

PC 4

BluRay
Disk Player 1

USB

Smart
Whiteboard

VGA

To
TP-580R

CV

Composite
DVD
Player 1

Computer
Graphics Source

LCD
Display

HDMI

RS-232