VP-553

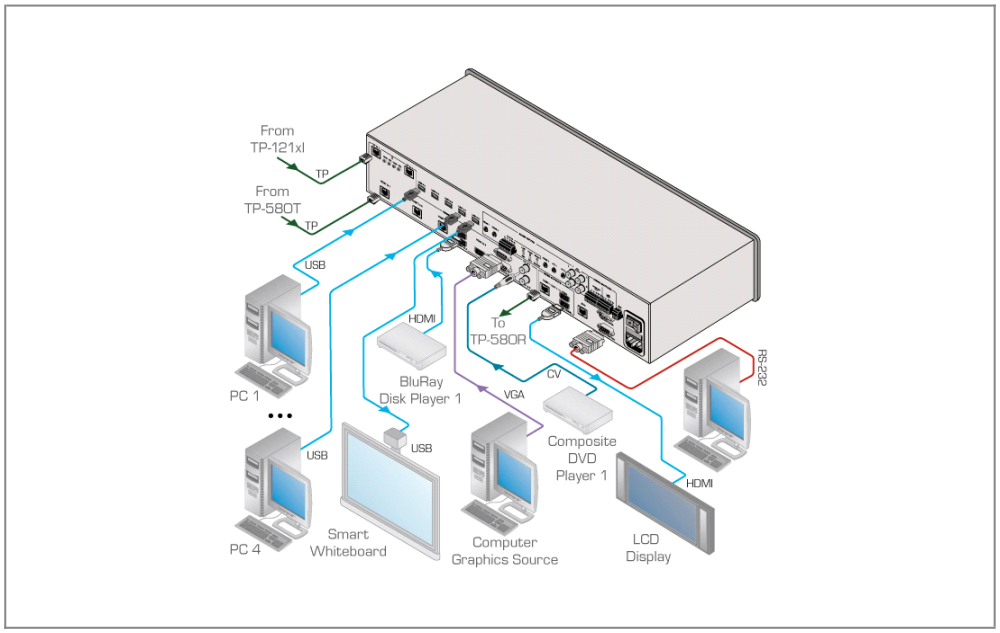
Boardroom Presentation Switcher/Dual Scaler

The VP-553 is a high-performance 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. High−quality 3:2 and 2:2 pull down de−interlacing and full up− and down−scaling of video input signals.
- HDTV Compatible.
- HDCP Compliant - The HDCP (High Definition Content Protection) license agreement allows copy−protected data on the HDMI input to pass only to the HDMI outputs.
- HDBaseT Range - Up to 70m (230ft) using BC−HDKat6a cable.
- Cable - Shielded twisted pair (STP) cable recommended. For optimum range and performance use, use Kramer's BC−HDKat6a cable. Note that the transmission range depends on the signal resolution, graphics card and display used. The distance using non−Kramer CAT 5, CAT 6, and CAT 7 cables may not reach these ranges.
- Video Inputs - 3 HDMI connectors, 3 HDBaseT on RJ−45 connectors, 2 VGA on 15−pin HD connectors, each with unbalanced stereo audio on 3.5mm connectors; 2 VGA & audio over CAT 5 on RJ−45 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.
- 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 (on−screen display), Ethernet with built−in Web pages & RS−232.
- Worldwide Power Supply - 100−240V AC.

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 RS−232, 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:	100−240V 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 non−condensing.
DIMENSIONS:	19" x 7" x 2U (W, D, H) rack mountable.
WEIGHT:	2.7kg (6lbs) approx.
INCLUDED ACCESSORIES:	Power cord, rack "ears", IR remote control.
OPTIONS:	Kramer BC−HDKat6a cable.