

## 4x4 HDMI Matrix Switcher with Independent 4K Downscaling & HDR Support

Mixed-Resolution Multi-Display Routing with RS-232 and Smart EDID Management

MPN: SW-HDMX44DS



Most 4x4 HDMI matrix installations require separate scalers when mixing 4K and 1080p displays — adding cost and configuration overhead to every output. The KanexPro SW-HDMX44DS eliminates that with per-output independent 4K → 1080p downscaling built into every channel, letting integrators route any of four 18Gbps HDMI sources to any of four displays — 4K and 1080p simultaneously — without additional hardware.

Supporting resolutions up to 4K@60Hz 4:4:4 with HDR10 and Dolby Vision pass-through, the SW-HDMX44DS handles today's most demanding source formats across all four outputs. Smart EDID management with 13 factory presets resolves handshake issues in mixed environments. Control via front panel buttons, IR remote, or RS-232.

<p><b>4K@60Hz</b> 4:4:4 / HDR10</p>	<p><b>Per-Output Scaler</b> 4K → 1080p</p>	<p><b>Smart EDID</b> 13 Factory Presets</p>	<p><b>RS-232 / IR</b> Front Panel Control</p>	<p><b>HDR10</b> Dolby Vision</p>
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### KEY FEATURES

- Supports resolutions up to 4K@60Hz 4:4:4, HDR10, Dolby Vision, including 1080p 3D
- Fully compliant with HDMI 2.0 and HDCP 2.2
- Independent 4K → 1080p downscaler on each output — mixed 4K & 1080p simultaneously
- Smart EDID management: 13 factory presets, user-defined EDID, copy-from-output modes
- Control via front panel buttons, IR remote, and RS-232 (9600 baud, 3-pin terminal block)
- 10 preset memories (Save/Recall/Clear) for one-touch routing recall
- Per-output HDMI digital audio enable/disable via RS-232
- HDCP management per output — bypass or force HDCP 1.4

### SPECIFICATIONS

<b>HDMI / HDCP</b>	HDMI 2.0 • HDCP 2.2
<b>Video Bandwidth</b>	18 Gbps
<b>Resolution</b>	Up to 4K@60Hz 4:4:4 • HDR10 • Dolby Vision
<b>Audio</b>	PCM, Dolby Digital, DTS (HDMI pass-through)
<b>Input</b>	4x HDMI Type A
<b>Output</b>	4x HDMI Type A
<b>Control</b>	RS-232 (3-pin) • IR EYE (3.5mm) • Front Panel
<b>Power</b>	DC 12V/2A • 12W max
<b>Dimensions</b>	9.61" × 1.00" × 3.94" (244 × 25.5 × 100mm)
<b>Net Weight</b>	1.41 lbs (640g)

### PACKAGE CONTENTS

1x Matrix • 4x Rubber Feet • 1x RS-232 Cable • 1x IR Receiver • 1x IR Remote • 1x Power Adapter (12VDC/2A) • 1x User Manual

