

4x2 HDMI 2.0 Matrix Switcher with WebGUI, Telnet & RS-232 Control

4K/60Hz 4:4:4, Apple HDCP Mode, EDID Management — 4 Inputs to 2 Displays

MPN: **HDMX42-18G**



Basic 4x2 HDMI matrix switchers offer front panel and IR control — but commercial integrators increasingly require IP-based management for remote operation, diagnostics, and control system integration. The KanexPro HDMX42-18G delivers a full three-interface control suite — WebGUI, Telnet, and RS-232 — alongside front panel and IR, giving integrators complete flexibility to manage the unit from any network-connected device or third-party control system.

Supporting 4K@60Hz 4:4:4 with 18Gbps bandwidth and HDCP 2.2, the HDMX42-18G routes any of four HDMI sources to two independent displays. Apple HDCP mode allows non-HDCP content from Apple devices on non-HDCP screens. Seven EDID presets cover all common source and display combinations. CE/FCC/UL certified.

<p>4K@60Hz 4:4:4 / HDCP 2.2</p>	<p>WebGUI + Telnet + RS-232 Control</p>	<p>Apple HDCP Per-Input Mode</p>	<p>7 EDID Presets ALL / APPOINT Mode</p>	<p>Front Panel + IR Green/Red LED</p>
--	--	---	---	--

KEY FEATURES

- HDMI 2.0 and HDCP 2.2 compliant — 18Gbps / 600MHz bandwidth
- Routes 4 HDMI inputs to 2 independent outputs at up to 4K@60Hz 4:4:4
- WebGUI — routing, EDID, HDCP, naming, and network settings via browser
- Telnet — CLI access for scripting and control system integration
- RS-232 (115200 baud) — full command set for third-party control integration
- Apple HDCP mode per input — non-HDCP Apple content on non-HDCP displays
- EDID: 7 presets (SINK A/B, 720P, 1080P, 4K_3G, 4K_Y420, 4K_6G) — ALL or APPOINT
- HDMI IN 1 on front panel; IN 2–4 on rear • IR remote (CR-155) included

SPECIFICATIONS

HDMI / HDCP	HDMI 2.0 • HDCP 2.2
Video Bandwidth	600 MHz / 18 Gbps
Resolution	480i – 4K@60Hz (4:4:4, 8-bit)
Input / Output	4x HDMI in • 2x HDMI out
Control	WebGUI • Telnet • RS-232 (115200) • IR • Front Panel
Power	DC 5V/2.6A • 7.1W • CE/FCC/UL
Dimensions	9.45" × 1.69" × 4.09" (240 × 43 × 104mm)
Net Weight	1.75 lbs (796g)

PACKAGE CONTENTS

1x Matrix • 1x IR Remote (CR-155) • 1x IR Extender Cable • 1x 5V/2.6A Adapter • 1x Manual

