4K 4x4 HDMI Matrix

4K@30Hz, Switch/Splitter Matrix with Four Inputs and Four Outputs, RS232 Control, Video Bandwidth Amplifier, Remote Control, Black

Part No.: 207751

Easily connect four HDMI sources to four displays.
The Manhattan 4K 4x4 HDMI Matrix gives you the option of connecting as many as four HDMI video sources — including gaming consoles, Blu-ray players, satellite receivers, digital recorders, set-top boxes and other devices — to up to four ultra-high-definition (4K, UHD) or 3D high-definition displays as well as Deep Color HD projectors.

Flexible Solution for Many HD Applications
Perfect for a variety of home or commercial applications, the Manhattan 4K 4x4 HDMI Matrix has manual selection switches, a convenient IR remote control and RS232/Serial port for PC control, so you can quickly select or switch between HDMI sources and displays.

Best Possible Image Quality
The Manhattan 4K 4x4 HDMI Matrix is HDMI and HDCP 1.4a compliant. It delivers a stunningly clean, crisp and vivid picture at up to 4K@30Hz resolution on one, two, three or four displays thanks to an integrated video bandwidth amplifier. Additionally, it supports HD-quality 3D video, as well as LPCM, DTS and Dolby TrueHD audio.

Features:

- Share up to four HDMI sources between four displays
- Supports 4K@30Hz resolution as well as HD 3D video and Deep Color (48-bits/pixel)
- Supports 3D video and Deep Color up to 48 bits per pixel
- 4K resolution, 3D, Deep Color
- Supports video amplifier bandwidth up to 340 MHz and 3.4 Gbps per channel (10.2 Gbps total) for 4K displays
- Integrated video bandwidth amplifier
- Supports LPCM, DTS Digital, DTS-HD Master Audio and Dolby TrueHD audio
- Supports lossless LPCM 8-channel uncompressed audio formatting and 7.1/5.1 surround sound
- Fully HDCP compliant to protect high-definition content transmission and ensure quality reception
- Fully HDCP compliant
- Remote contol offers easy and convenient display/source selection
- Supports source switching via push buttons on matrix, with remote control or through PC with RS232/serial port (driver installation from included CD required)

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- Durable metal housing includes options for non-skid desktop placement (with rubber feet) or mounting on a wall (with side-mount brackets)
- Plug and play — requires no installation or configuration
- Compatible with PlayStation and Xbox game systems, Blu-ray players, set-top boxes, satellite receivers and more
- Gold-plated contacts for corrosion free connections
- For additional distance capabilities, use 15 m (49 ft.) HDMI cables (see Manhattan part #308434) on both input and output ports
- Three-year warranty

Specifications:

Standards and Certifications
• HDMI
• HDCP 1.4a
• CE
• FCC
• RoHS2

General
• On/off switch
• Four source-control buttons
• Power/source location LEDs
• Power adapter
Input: 100-240 V; 50 – 60 Hz
Output: 12 VDC at 2 A

Connections
• Four HDMI female, 19-pin (output)
• Four HDMI female, 19-pin (input)
• One serial/RS232/COM/DB9/D-Sub, 9-pin (input)
• 12 VDC port

Signal Input/Output
• Input video signal: 400 – 600 mV
• Input DDC signal: 5 V p-p (TTL)
• Maximum single-link range: 3 Gbps and 4K resolution
• Output video: HDMI 1.4, HDCP 1.4a
• Frequency: 3.4 Gbps / 340 MHz

Video Resolutions
• DTV/HDTV: 480i/480p/576i/576p/720p/1080i/1080p/4K

Physical
• Dimensions: 409 x 169 x 22 mm (16 x 6.7 x 0.9 in.)
• Weight: 1.6 kg (3.5 lbs.)
• Housing: Steel

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Operating Environment
- Operation Temperature: 0 – 70°C (32 – 158°F)
- Storage Temperature: -10 – 80°C (14 – 176°F)
- Operation Humidity (noncondensing): 10 – 85%
- Storage Humidity (noncondensing): 5 – 90%

Package Contents
- 4K 4x4 HDMI Matrix
- IR Remote Control
- Power Adapter
- CD
- Two wall mounting brackets and four mounting screws
- Instructions

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