



## 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 control 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)

For more information on Manhattan products, consult your local dealer or visit [www.manhattan-products.com](http://www.manhattan-products.com).

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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 (50 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

- Remote battery (included): CR2025 3 V lithium cell

### 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

#### 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



