



## 1080p 4x4 HDMI Matrix

Switch/Splitter Matrix with Four Inputs and Four Outputs, RS232 Control, Video Bandwidth Amplifier, Remote Control, Black

Part No.: **207904**

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Easily connect four HDMI sources to four displays.

The Manhattan 1080p 4x4 HDMI Matrix provides 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 one, two, three or four high-definition, High-Definition (1080p, HD) or high-definition 3D 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 1080p 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 1080p 4x4 HDMI Matrix is HDMI and HDCP 1.4a compliant and delivers a stunningly clean, crisp and vivid picture up to 1080p resolution on one or two 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 1080p resolution as well as HD 3D video and Deep Color (36-bits/pixel)
- Integrated video bandwidth amplifier
- 1080p resolution, 3D, Deep Color
- 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)
- Supports LPCM, DTS Digital, DTS-HD Master Audio and Dolby TrueHD audio
- Supports 3D video and Deep Color up to 48-bits per pixel
- Works with PlayStation and Xbox game systems, Blu-ray players, set-top boxes, satellite receivers and more
- AC powered with Plug and Play installation; no special setup or remote required
- 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 installation

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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- Fully HDCP compliant
- Gold-plated contacts for corrosion-free connections
- Three-year warranty

## Specifications:

### Standards and Certifications

- HDMI 1.3
- HDCP 1.4a
- CE
- FCC
- RoHS2

### General

- Source-to-matrix range: up to 15 m (49 ft.)
- Matrix-to-display range: up to 15 m (49 ft.)
- Power: 12 VDC @ 2 A ; AC power adapter, 0.9 m (2.9 ft.)

### Connections

- Four HDMI female, 19-pin (output)
- Four HDMI female, 19-pin (input)
- One serial/RS232/COM/DB9/D-Sub, 9-pin (input)
- One 12 VDC power female, OD 5.5 mm / ID 2.1 mm (input)

### Signal Input/Output

- Input video signal: 400 – 600 mV
- Input DDC signal: 5 V p-p (TTL)
- Maximum single-link range: 2.25 Gbps and 1080p resolution
- Output video: HDMI 1.3, HDCP 1.4a
- Frequency: 2.25 Gbps / 225 MHz

### Video Resolutions

- DTV/HDTV: 480i/480p/576i/576p/720p/1080i/1080p

### Physical

- LED indicators: power and port connection
- Power adapter: 12 VDC / 2 A; 0.9 m (2.9 ft.)
- Dimensions: 408 x 170 x 22.5 mm (16.1 x 6.7 x 0.9 in.)
- Weight: 2.1 kg (4.6 lbs.)
- Housing: metal

### Operating Environment

- Operation Temperature: 0 – 40°C (32 – 104°F)
- Storage Temperature: -20 – 60°C (-4 – 140°F)
- Humidity (noncondensing): 0 – 96%

### Package Contents

- 1080p 4x4 HDMI Matrix
- Remote Control
- Power Adapter
- Quick Instruction Guide
- CD

