



1080p 4x4 HDMI Matrix

Switch/Splitter Matrix with Four Inputs and Four Outputs, RS232 Control, Video Bandwidth Amplifier, IR 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
- IR remote control offering easy and convenient display/source selection
- Supports source switching via push buttons on matrix, with IR 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
- 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.)
- 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)
- 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
- IR Remote Control
- Power Adapter
- Quick Instruction Guide
- CD



