



4K 3-Port HDMI Switch

4K@60Hz, USB Powered, Integrated Cable, Black

Part No.: **207874**

Easily connect multiple HDMI sources to a single display.

The Manhattan 4K 3-Port HDMI Switch allows media enthusiasts to connect three HDMI video sources — including gaming consoles, Blu-ray players, satellite receivers, digital recorders, set-top boxes and other devices — to a single Ultra-High-Definition (UHD) display.

Flexible Solution for Many HD Applications

With the increased number of high-definition media devices, the Manhattan 4K 3-Port HDMI Switch expands the connectivity options for your UHDTV, flat-panel display monitor or video projector. The switch automatically detects and selects the active HDMI source and routes the signal to your display. Additionally, it offers a switching button so you can manually select sources when more than one UHD video source is on at the same time.

Best Possible Image Quality

Full compliance with HDMI and HDCP 2.2/1.4 ensures the Manhattan 4K 3-Port HDMI Switch provides nothing short of high-quality performance and reliability. It delivers full 4K resolution images and supports 3D video as well as LPCM, DTS and Dolby TrueHD audio.

Features:

- Connects up to three Ultra-High-Definition (UHD) video sources to a single HDMI display
- Supports automatic switching (when an UHD signal is detected) and manual switching (between sources with the push of a button)
- 4K@60Hz resolution, full 3D video, Deep Color and High Dynamic Range (HDR)
- Supports video amplifier bandwidth up to 600 MHz and 6.0 Gbps per channel (18 Gbps total) for 4Kx2K displays
- Supports 36-bit Deep Color (12-bits per channel), 4:4:4 chroma subsampling and YCbCr 4:2:0 color formatting

- Supports compressed DTS-HD Master Audio, 7.1 surround sound, Dolby TrueHD and uncompressed LPCM 8 channel audio
- Works with PlayStation and Xbox game systems, Blu-ray players, set-top boxes, satellite receivers and more
- HDCP compliant
- Plug and play
- Plug and play: no special setup, power or remote required
- Integrated HDMI cable
- Gold-plated contacts
- Gold-plated contacts for corrosion-free connections
- Three-year warranty

Specifications:

Standards and Certifications

- HDCP 2.2 / 1.4
- CE
- FCC
- RoHS2

General

- Splitter-to-display range: up to 10 m (33 ft.)
- USB Power cable: 0.7 m (2.3 ft.)
- Power consumption: 2 W

Connections

- One HDMI male, 19-pin (output)
- Three HDMI female, 19-pin (input)
- USB Mini-b power female, 5-pin (input)

Signal Input/Output

- Input video signal: 400 – 600 mV
- Input DDC signal: 5 V p-p (TTL)
- Maximum single-link range: 18 Gbps and 4096x2160 at 60 Hz resolution
- Output video: HDMI 2.0, HDCP 2.2

Supported Video Resolutions

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

Physical

- LED indicators: power and port connection
- Dimensions: 82 x 61 x 15 mm (3.2 x 2.4 x 0.6 in.)
- Cable length 58 cm (20 in.)
- Weight: 0.09 kg (0.2 lb.)
- Housing: plastic

Operating Environment

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

Package Contents

- 4K 3-Port HDMI Switch
- USB power cable
- Quick Instruction Guide



