


# 4K HDMI Repeater

**Active, Distances up to 40 m (131 ft.), Black**

Part No.: 207621

EAN-13: 0766623207621 | UPC: 766623207621

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## Easily extend your HDMI signal.

The Manhattan 4K HDMI Repeater extends the range of an HDMI signal by decoding and regenerating it at 4K@60Hz resolution from virtually any HDMI source (PlayStation, Xbox, Blu-ray player, satellite receiver, digital recorder, etc.) using existing HDMI cables. Designed for plug-and-play installation, the Repeater boosts weak signals to reduce or eliminate picture noise, degradation or sparkles on an HD display or projector. An additional USB port is included to boost power to video sources that need to travel longer distances.

## Flexible Solution for Many A/V Applications

The Manhattan 4K HDMI Repeater is ideal for trade shows, classrooms, home theater, conference rooms, business office and retail applications. It offers the flexibility of placing a high-definition display or projector at up to 40 m (131 ft.) from the HDMI source. For best performance, situate this Repeater near the middle of the distance (15 to 20 m [49 to 65 ft.]) and use high-quality HDMI cables (longer distances and inferior cables may degrade performance) by Manhattan.

## Quality Construction and Easy Installation

HDCP compliant with HDMI, HDCP 2.2 and DVI 1.0, this HDMI Repeater is tested to guarantee performance and reliability. It installs quickly without additional software,

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hardware or power sources (in most cases).

**Features:**

- Boosts high-definition signal over HDMI cables for 4K performance up to 40 m (131 ft.)
- Delivers a sharp, clear signal from a Playstation, Xbox, Blu-ray player, set-top box, satellite receiver or other video source
- Supports 4K@60Hz resolution as well as HDR YUV 4:4:4, 3D HD video and Deep Color (24-bits/pixel)
- Fully HDCP compliant to protect high-definition content transmission and ensure quality reception
- Supports video amplifier bandwidth up to 6.0 Gbps (for 4K@60Hz)
- Plug and play — requires no installation, configuration or external power
- Included Micro-B USB cable can be connected to supply sufficient power to a video-source port at a further distance
- Gold-plated contacts
- Three-year warranty

**Specifications:**

Standards and Certifications
• HDCP 2.2
• DVI 1.0
• CE
• FCC
• RoHS2

Connections
• One HDMI female (input)
  - Cable length: 5 – 25 m (15 – 80 ft.)
• One HDMI female (output)
  - Cable length: 1 – 15 m (3 – 50 ft.)
• One Micro-B USB (input), additional power

Signal Input/Output
• Input video signal: 0.5 – 1.0 V p-p
• Input DDC signal: 5 V p-p (TTL)
• Maximum single-link range: 4096x2160, 4K@60Hz
• Output video: HDCP 2.2, DVI 1.0
• Frequency: 6.0 Gbps / 600 MHz

Video Resolutions
• DTV/HDTV/UHDTV: 480i/480p/576i/576p/720p/1080i/1080p/4K@30Hz/4K@60Hz
• 1080p-capable up to 50 m

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- 4K@30Hz-capable up to 40 m
- 4K@60Hz-capable up to 25 m

Physical
- Dimensions: 50 x 28 x 14 mm (2 x 1 x 0.6 in.)
- Weight: 0.02 kg (0.04 lbs.) without cable
- Cable length: 0.7 m (28 in.)

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 HDMI Repeater
- Micro-B USB Cable
- Quick Install Guide













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