

# Gefen TOOLBOX

## Extender for HDMI 3DTV



GTB-HDMI-3DTV-BLK

### Extra Long Range Extender for HDMI, 3D TV, and IR over one CAT-5e cable

The GefenToolBox Extender for HDMI 3DTV extends HDMI including multi-channel digital audio at resolutions of up to 1080 Full HD up to 330 feet (100 meters) away from any Hi Def source using one CAT-5e cable for the extension. This product also provides an IR back channel to control AV sources using the same CAT-5 cable extension. Using this channel with the built-in IR "eye" on the receiver, or an optional RMT IR Extender, simply point IR remote(s) of the A/V device towards the display to control Hi-Def sources as if they were located in the same room or proximity to the display.

### How It Works

Locate the GefenToolBox Extender for HDMI 3DTV Sender unit next to the video source equipment. Use the supplied HDMI cable to connect the source to the Sender unit. The Receiver unit is located close to the display which can be up to 330 feet (100 meters) away from the Sender unit. The display plugs into the back of the Receiver unit. For IR extension, either the Receiver should be located so the internal IR "eye" can see the IR signals at the display location, or an external Gefen EXT-RMT-EXTIR IR Extender may be plugged into the Receiver and located near the display. Connect a Gefen EXT-2IREMIT IR Blaster to the Sender and locate the blasters near the source equipment. Only one CAT-5e cable connects the Sender and the Receiver units to each other. Multi-channel digital audio is embedded into the HDMI signal.

### Note

\*Shielded (STP) CAT-5 or CAT-6 is recommended.  
However, unshielded (UTP) CAT-5 or CAT-6 is acceptable

### Features:

- Extends 1080p Full HD and 3D TV up to 330 feet (140 meters) using one CAT5e (or better) cable
- Allows IR remote control of source devices
- Fully HDCP-compliant
- Locking power connectors
- Easy surface mounting
- Supported HDMI Features:
  - Resolutions up to 1080p Full HD
  - 12 bit Deep Color
  - LPCM7.1 Audio
  - Dolby® TrueHD and DTS-HD Master Audio™
  - 3DTV Pass-through
  - CEC Pass-through
  - Lip Sync Pass-through

### Specifications:

- Maximum Pixel Clock: 225 MHz
- Video Input Connector (Sender): (1) HDMI Type A 19-pin, female
- Video Output Connector (Receiver): (1) HDMI Type A 19-pin, female
- Link Connectors (Sender/Receiver): (1) RJ-45, Shielded
- Indicator LED: Red power-on LED
- IR Extender Port (Receiver): 3.5mm mini-stereo jack
- IR Blaster Port (Sender): 3.5mm mini-mono jack
- IR "eye" window on Receiver
- Power Supplies: (2) 5V DC, Locking
- Power Consumption: 10W (max.)
- Dimensions: 3.5" W x 3.4" H x 1" D
- Shipping Weight: 3 lbs.

### Gefen, LLC

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