

## Atlona AT-HD577 Atlona 2x1 HDMI Switch with built-in De-embedder

Atlona Technologies AT-HD577 HDMI Audio De-Embedder offers the highest compatibility to HDMI 1.3 in the market. This unique device supports the separation of high quality audio from the incoming HDMI signal and make HDMI audio more friendly to your expensive audio systems. Plus, the high bit rate HDMI 1.3 data can be scaled down the color depth, which is compliant to HDMI 1.2 and DVI 1.1, to ease the limitation of the transmission distance and gain higher compatibility to the display without noticeable video degradation. One of the advantages of the AT-HD577 over the AT-HD570 it has replaced the 3.5mm ports with more conventional audio ports for easier connection to you home theater, or alternative audio sources. To broaden the spectrum of HDMI audio output, high quality 7.1 channel analog audio outputs and stereo S/PDIF in both Toslink and RCA connectors are seamlessly integrated in AT-HD577. The AT-HD577 is designed to enrich your full digital video and audio experiences at the least expense in a smoothest way. With built-in HDMI switch, it can serve as a 2x1 HDMI switch to easily switch between HDMI home theater systems and PC HDMI/DVI devices.

### Features

- Silicon Image Chip-Sets allow 99.99% compatibility with all the AV gear (we only use the best chipsets and components)
- HDMI 1.3c and HDCP compliant
- 3D Capable
- Built-in 2x1 HDMI switch
- HDMI video supports up to 1080p@36 bit RGB/YCbCr
- Maximum video output bus width 36-bit, no scaling
- Loop through HDMI output
- Supports LPCM 7.1/5.1/2 channels output through multi-channel output ports
- Supports digital Dolby 5.1/2 and LPCM 2 channels output through optical fiber
- Supports CEC bypass in HDMI input A port and HDMI output port
- Supports uncompressed digital LPCM 7.1, 5.1 or 2 channels and compressed digital Bit-Stream (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) through HDMI input and output ports only. The analog channels cannot pass DTS.
- EDID learning ability to support all HDMI displays

### Technical Specifications

- HDMI compliance: HDMI 1.3c
- HDCP compliance: Yes
- Video bandwidth: Single-link 225MHz (6.75Gbps)
- Video Resolution support: 480i / 480p / 720p / 1080i / 1080p60 24/30/36-bit color
- Audio support: DTS-HD Master Audio & Dolby TrueHD [HDMI pass-through only]
- Dolby Digital, DTS, DVD-Audio, LPCM, SACD, MPCM [de-embedded]
- Max. TMDS input clock: 225MHz
- Max. output pixel clock: 165MHz
- Input TMDS signal: 1.2 Volts (peak-to-peak)
- Input DDC signal: 5 Volts (peak-to-peak, TTL)
- Input: 2x HDMI (7.1ch audio & video)
- Output: 1x HDMI (7.1ch audio and video)
- 8x RCA analog (7.1ch audio)
- 1x RCA (digital audio)
- 1x Optical (digital audio)
- HDMI connector: Type A (19-pin female)
- RCA connector Red / White - individual channel of 7.1ch analog audio  
Yellow - Coaxial S/PDIF digital stereo audio  
Optical fiber connector TOSLINK (S/PDIF digital stereo audio)
- DIP switch: For EDID selection

### Mechanical

- Housing: Metal enclosure
- Dimensions Model: 223 x 82 x 40mm (8.8" x 3.2" x 1.6") (LxWxH)
- Package: 330 x 200 x 95mm (1'1" x 7.9" x 3.7")
- Weight Model: 576g (1.3 lbs)
- Package: 1000g (2.2 lbs)