



## HDMI Audio De-Embedder with Down Mixing

CS-HDMABOD

SKU: 169425    UPC: 86429406531

The **CS-HDMABOD** allows you to take an HDMI source and de-embed the audio for use on either an optical audio connection or stereo RCA analog connection, all while still passing audio through on the HDMI output, preserving the quality of sound. This de-embedder can also down mix multi-channel bitstream audio to stereo output to allow you to maintain 5.1 surround audio on the HDMI output. This next-generation product has been engineered with updated functionality to support HDMI 2.0, HDCP 2 .2 (and earlier versions), and support 1080p, 3D, and 4K/60Hz 4:4:4 up to 18Gbps.

- Easily obtain an analog or digital audio output connection from an existing HDMI source
- Selectable HDMI audio on HDMI output for native pass-through, 5.1 CH or 2 CH
- Audio outputs: optical audio and stereo RCA analog
- Optical digital audio supports LPCM 2CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH
- Supports HDMI 2.0 and HDCP 2.2 (and earlier versions)
- Supports 1080p, 3D, 4K/60Hz 4:4:4 up to 18Gbps
- CEC pass through

### Switch settings:

**TV:** TV will copy the information of the device that is connected to the "Output of the CS-HDMABOD and use it to tell the source what kind of audio to send. If the device is a PCM or Stereo device, then the CS-HDMABOD will tell the source to send PCM/Stereo audio. If the device is a Dolby Digital or DTS surround sound device, then it will tell the source to send Dolby Digital or DTS surround audio.

- The HDMI output will output the unaltered audio from the source device.
- The Stereo output will output stereo audio when this mode is selected. It will also downmix the audio if necessary.
- The Toslink output will mimic the audio on the HDMI output.

**Bitstream:** Bitstream will tell the source device to send full bandwidth audio.

- The HDMI output will output the unaltered audio from the source device.
- The Stereo output will output stereo audio when this mode is selected and will downmix the audio if necessary.
- The Toslink output will mimic the audio on the HDMI output.

**2CH:** 2CH will tell the source device that it is connected to a 2 channel, PCM, Left/Right, or Stereo device.

- The HDMI output will output stereo audio.
- if the source device does not have a stereo signal then the audio may not play. This is normally a nonissue as most sources will have a stereo/PCM audio output.
- The Stereo output will output stereo audio.
- The Toslink output will mimic the audio on the HDMI output.

