



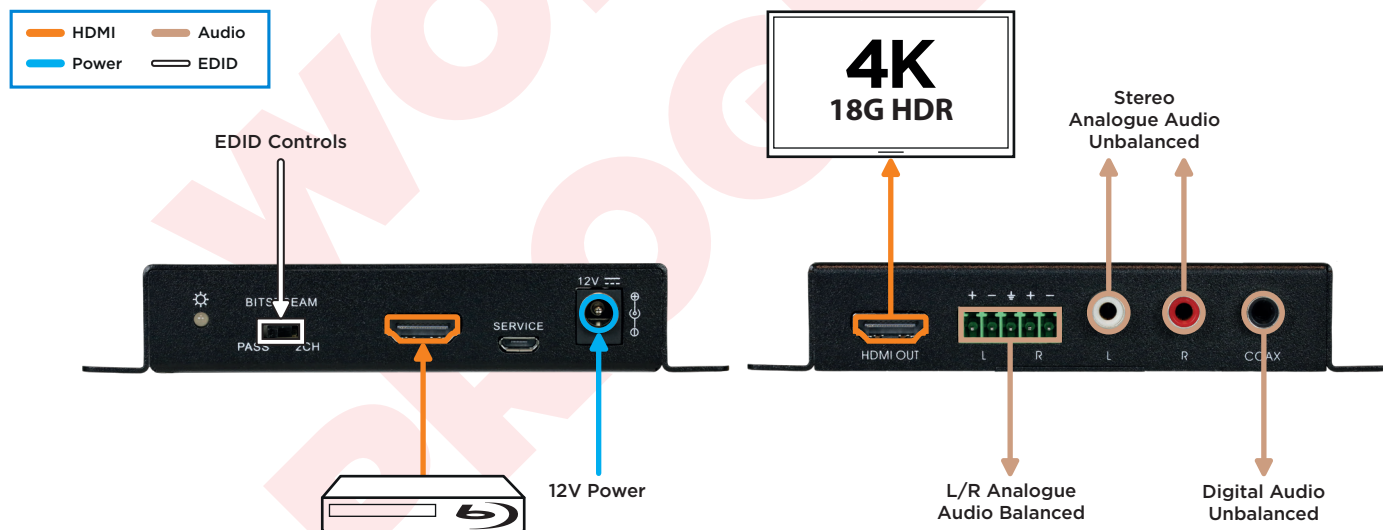
AD-18G

The AD-18G audio de-embedder supports all HDMI 2.0 signals up to 18Gbps (4K60 4:4:4) with HDR, EDID and CEC pass-through. It de-embeds the HDMI input audio to analogue balanced, unbalanced and coax S/PDIF simultaneously for the Pass-through and 2Ch modes, or to digital coax audio only when set to the Bitstream mode. This de-embedder will be useful for any situation where the audio needs to be processed separately from the HDMI signal, such as Video processors or projectors. It is capable of handling all HDMI resolutions, including the growing 18G sector.

FEATURES

- **Balanced and Unbalanced audio outputs for L+R and Coax S/PDIF**
- **Supports three audio input modes: Pass-Through, Bitstream and PCM**
- **LPCM 2ch, Dolby 2 / 5.1 Ch and DTS 2 / 5.1 Ch**
- **HDMI HBR (High Bit Rate) supported in PASS mode only**
- **Resolutions up to HDMI 2.0 4K60 4:4:4 (18Gbps), HDCP 2.2 HDR and CEC Compliant**
- **HDCP 1.4/2.2 supported on HDMI IN - EDID and CEC pass-through**
- **HDCP 1.4 only on HDMI OUT**
- **Audio de-embed even when no display connected**

CONNECTIVITY ILLUSTRATION



SPECIFICATIONS

PART NUMBER	SY-AD-18G	
VIDEO RESOLUTIONS/FORMATS	VESA and SMPTE 480p to 2160p with 3D. All HDMI resolutions to 3840x2160p @60Hz 4:4:4 (18 Gbit/s) 480p@60Hz 1080p@24Hz 4K@24Hz 576p@50Hz 1080p@50Hz 4K@30Hz 720p@60Hz 1080p@60Hz 4K@60Hz 4:4:4. All PC resolutions to 1920x1200@60Hz	
HDCP INPUT	1.4v & 2.2v	
HDCP OUTPUT	1.4v	
INPUTS	Video 1x HDMI 2.0v	
OUTPUTS	Video 1x HDMI 2.0v	Audio 1x 5 way pluggable screw terminal for L+R balanced 2x Phono for L+R unbalanced 1x Phono for Coax S/PDIF
COAX DIGITAL AUDIO FORMAT	LPCM 2ch, Dolby Digital 2 or 5.1ch, DTS 2 or 5.1ch	
POWER SUPPLY	12V DC	
POWER CONSUMPTION	3W	
WEIGHT AND DIMENSIONS	Weight (net) 0.245kg	Size (WHD) 129 x 21.5 x 77mm
WHAT'S IN THE BOX	1x AD-18G 1x 5 pin terminal Euro Block 1x PSU with UK & EU plug adapters	

SY-AD-18G Data Sheet 01. Details subject to change with no prior notice. ©SY Electronics 2019