



Front



Rear

TEKVOX introduces an advanced scaler to provide both upscaling and downscaling to 1080P. This unique device allows for 4K2K content to be shown on a high resolution 4K2K display while downscaling to 1080P in order to show the same content on standard displays. Unlike other downscalers that maintain the vertical 24/25/30Hz rate of the original content, the TEK 4KDS-1 scaler will reformat to 1080P/60Hz. This is very important, as most displays cannot operate at low vertical rates.

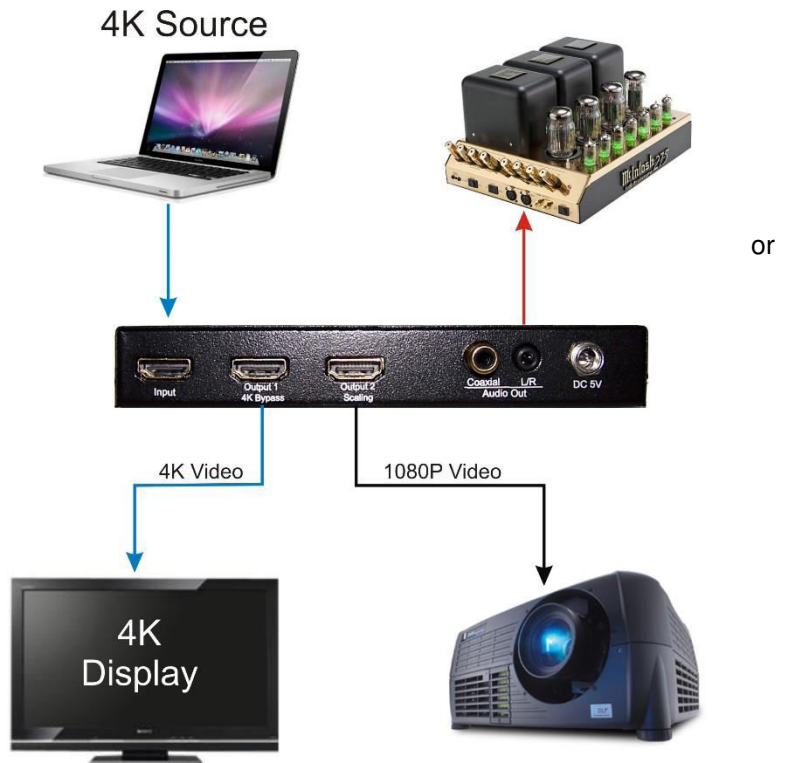
Since the TEK 4KDS-1 upscales to 1080P, it can also be used as a standard 1080P scaler when needed.

Connections:

- 1 HDMI input
- 1 HDMI bypass output to go to a 4K2K display
- 1 scaled output, always 1080P/60Hz

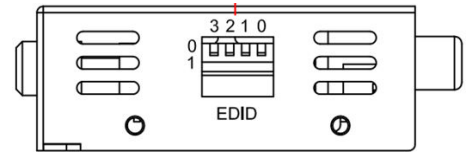
Features:

- HDMI signal downscaling from 4K2K to 1080p upscaling from low resolution to 1080p@60/50Hz
- Supports 4K2K resolutions of 4096x2160p@24Hz and 3840x2160p@24/25/30Hz
- Audio extract for both SPDIF and L/R outputs
- EDID management
- Color and contrast enhancements
- Simultaneous HDMI output



EDID Settings

EDID Settings only affect the HDMI and not the VGA inputs. VGA is fixed at 1080P.



Position	Functions
0000	Copy EDID From Output1, i.e., EDID pass through
0001	HDMI 1080p@60Hz, Audio 2CH PCM
0010	HDMI 1080p@60Hz, Audio 5.1CH PCM/DTS/DOLBY
0011	HDMI 1080p@60Hz, Audio 7.1CH PCM/DTS/DOLBY/HD
0100	HDMI 1080i@60Hz, Audio 2CH PCM
0101	HDMI 1080i@60Hz, Audio 5.1CH PCM/DTS/DOLBY
0110	HDMI 1080i@60Hz, Audio 7.1CH PCM/DTS/DOLBY/HD
0111	HDMI 1080p@60Hz/3D, Audio 2CH PCM
1000	HDMI 1080p@60Hz/3D, Audio 5.1CH PCM/DTS/DOLBY
1001	HDMI 1080p@60Hz/3D, Audio 7.1CH PCM/DTS/DOLBY/HD
1010	HDMI 4K2K, Audio 2CH PCM
1011	HDMI 4K2K, Audio 5.1CH PCM/DTS/DOLBY
1100	HDMI 4K2K, Audio 7.1CH PCM/DTS/DOLBY/HD
1101	DVI 1280x1024@60Hz, Audio None
1110	DVI 1920x1080@60Hz, Audio None
1111	DVI 1920x1200@60Hz, Audio None

Device Specifications

Model	TEK 4KDS-1 (79063)
Bandwidth	2.97Gbps per color
Video Input Connectors	1x HDMI Type A, 19-pin, female
Video Output Connectors	2x HDMI Type A, 19-pin, female
Audio Output Connectors	1x RCA(SPDIF), 1x 3.5mm stereo jack (L/R)
EDID	4-PIN DIP Switch
Mounting kit	Mounting ears included
Dimensions(W x D x H)	5.9" x 2.8" x .9, without mounting kit
Shipping Weight	0.66 lbs.
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	- 4°F to 140°F (- 20°C to 60°C)
Power Supply	5V/2A DC

*Specifications are subject to change without notice.