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## VC880

HDMI Repeater Plus Audio De-embedder



The VC880 is an HDMI Repeater with an added audio de-embedder that extracts and converts the audio signal from the HDMI input. This means that as well as the repeated HDMI audio and video signal output, users can also choose between analog stereo audio via RCA connectors or digital audio via optical or coaxial connectors as an additional high quality audio output. With support for 3D TV formats, the VC880 is ideal for users who want to enjoy high definition video with their choice of high definition audio output on TVs, projectors, A/V receivers or speakers.



## Features

- Repeats HDMI input signal up to 15 meters
- Extracts HDMI audio signal and outputs as additional audio source
- Supports optical / coaxial digital audio and analog stereo audio\*
- HDCP 1.1 compatible
- Superior Video Quality – up to 1920x1080 (1080p)
- Firmware upgradable
- CH2/CH5.1/Auto mode audio channel selection
- HDMI (3D)
- Supports Dolby True HD and DTS HD Master Audio
- Supports Audio on/off switch for HDMI output
- Expandable to three levels – provides three levels of audio output for one HDMI at distance up to 45 m
- Integrates with Apple TV for the perfect home entertainment system
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\*Supported Audio Input Channels

	Source audio input channel				
Audio Output	Stereo (LPCM 2)	DTS 5.1 Dolby 5.1	LPCM 5.1	DTS 7.1 Dolby 7.1	LPCM 7.1
<b>TosLink</b>	Stereo	DTS 5.1 Dolby 5.1	2 channel (Front Right & FrontLeft)	Non support	2 channel (Front Right & FrontLeft)
<b>Coaxial</b>	Stereo	DTS 5.1 Dolby 5.1	2 channel (Front Right & FrontLeft)	Non support	2 channel (Front Right & FrontLeft)
<b>Stereo</b>	Stereo	Non support	2 channel (Front Right & FrontLeft)	Non support	2 channel (Front Right & FrontLeft)

## Specification

Video Input	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	3m at 1920*1080@60 (4:4:4)
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	15m at 1920*1080@60 (4:4:4)
Video	
Max. Data Rate	6.75 Gps (2.25 Gbps Per Lane)
Max. Pixel Clock	225 MHz
Compliance	HDMI (3D, Deep Color) HDCP Compatible
Max. Resolution	Up to 1920 x 1080

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Audio	
Output	1 x HDMI Type A Female (Black); 1 x Toslink (Black); 1 x RCA (Orange); 2 x RCA (Red/White);
Connectors	
Power	1 x DC Jack
Power Consumption	DC5.3V:2.25W:11BTU
Environmental	
Operating Temperature	0 - 50 °C
Storage Temperature	-20 - 60 °C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.46 kg ( 1.01 lb )
Dimensions (L x W x H)	20.00 x 8.20 x 2.50 cm (7.87 x 3.23 x 0.98 in.)
Carton Lot	20 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram

