

## VC882

True 4K HDMI Repeater with Audio Embedder and De-Embedder





## True 4K HDMI Audio Embedder and De-Embedder

**HDMI**<sup>™</sup>  
HIGH-DEFINITION MULTIMEDIA INTERFACE

3D, Deep Color



Superior Video Quality



Audio Embedding / De-embedding



Audio Return Channel



**Stunning visual clarity with true 4K & HDR**

Indulge in breathtaking clarity and vibrant colors with the VC882 HDMI switcher, featuring support for 4K HDR 10+ video at 60Hz that will elevate your viewing to a whole new level.

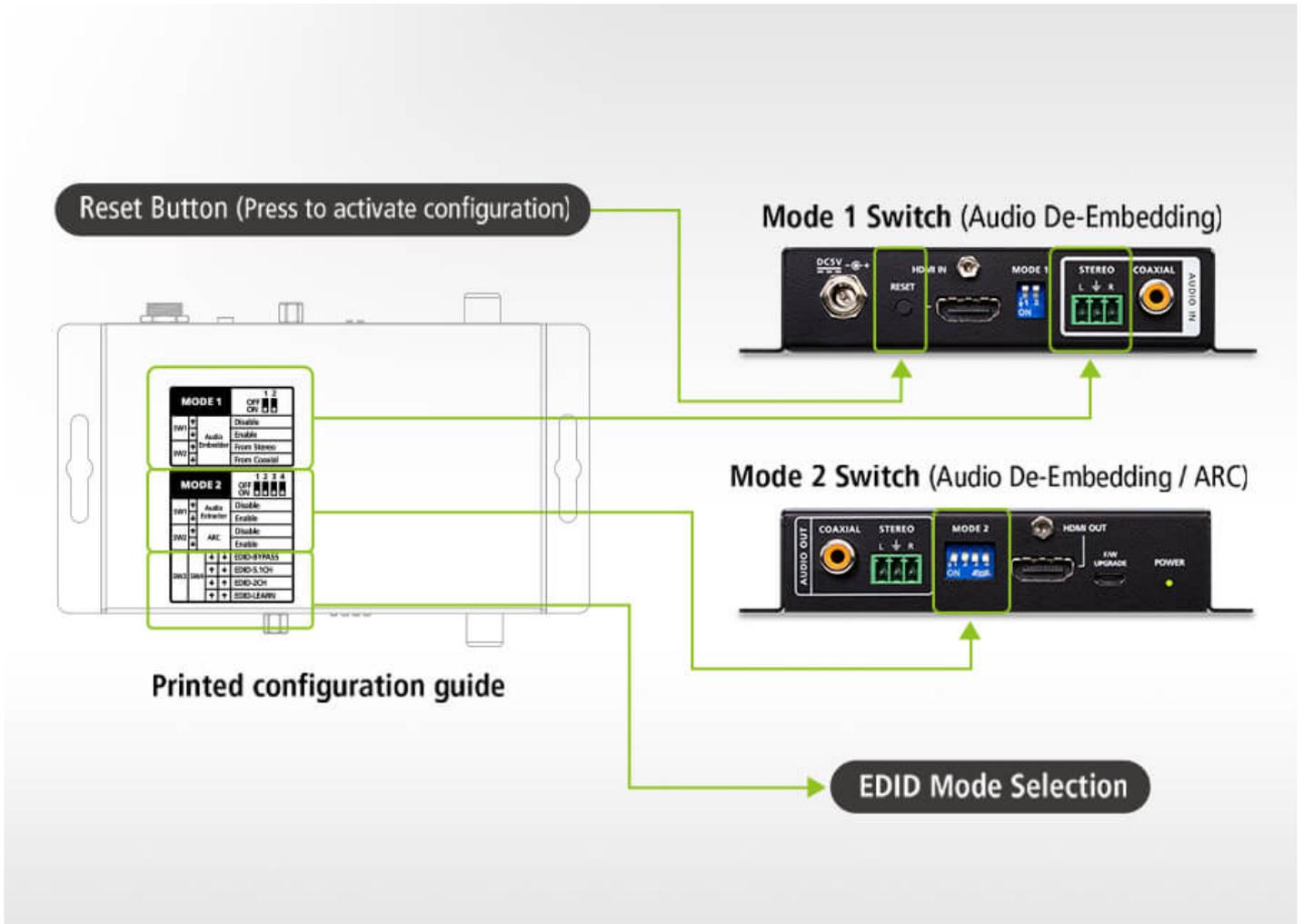
**True 4K long-distance transmission**

Enjoy stunning visuals with this HDMI switcher's support for input and output resolutions of 3840 x 2160@60Hz (4:4:4) / 4096 x 2160@60Hz (4:4:4) up to 5 meters\*, providing you with a clear and vivid image even at longer distances.

\*Tested with ATEN HDMI Cable [2L-7D05H-1](#).

\*\*Note: ATEN LockPro™ ([2X-EA12](#)) is available separately upon purchase.





**Simplified configuration**

Easily configure VC882 with the included printed setup guide that covers audio embed/de-embed, ARC, and EDID options for hassle-free setup.

## Contact Us

Get a quote for this product or get in touch with our sales experts

[Get Quote](#)

[Contact Sales](#)

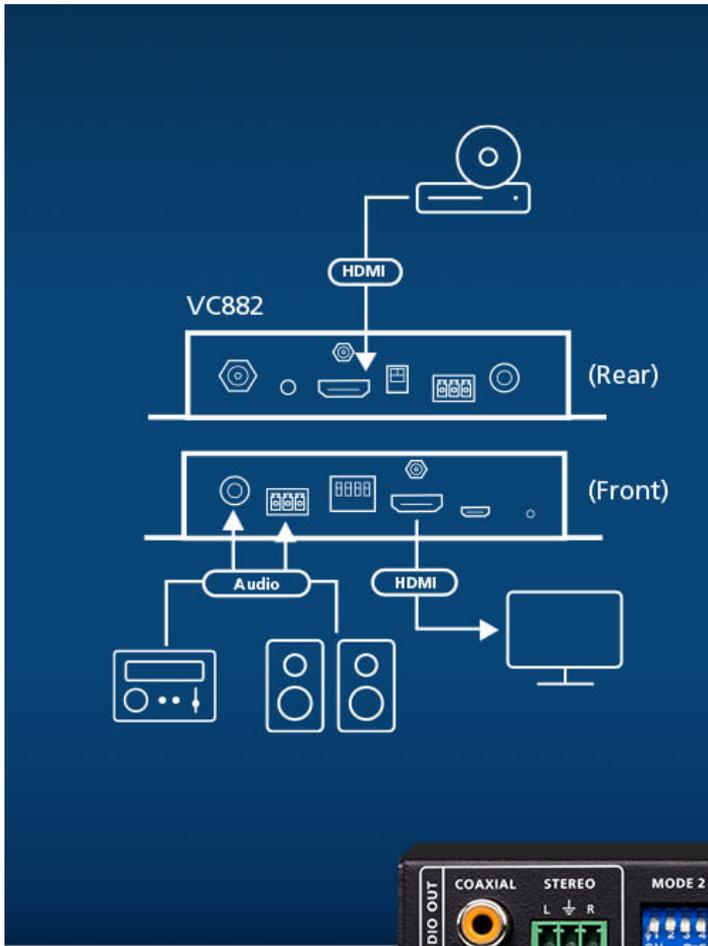
### Easy audio embedding

Enhance your viewing experience with the VC882 by simplifying audio embedding for monitoring and recording in settings such as training rooms and classrooms.

The image is a composite of four parts. On the left is a white wiring diagram on a dark blue background. It shows a 'VC882' device with 'HDMI' and 'Audio' ports on its rear panel. A microphone is connected to the 'Audio' port. The front panel of the VC882 has an 'HDMI' port. This port is connected to a 'VS182B HDMI Splitter'. The splitter has two 'HDMI' outputs, one connected to a server rack and the other to a monitor. On the right side, there are two photographs. The top one shows a chef in a blue uniform and white hat working in a kitchen with two other people. A green arrow points to the photo with the text 'Cooking School'. The bottom one shows a classroom with several rows of desks and laptops, and a large screen displaying a landscape with hot air balloons. A green arrow points to the photo with the text 'Classroom'. At the bottom center is a photograph of the physical VC882 device. It is a black rectangular unit with a 'COAXIAL' output (orange), 'STEREO' output (green), 'MODE 2' indicator (blue), 'HDMI OUT' port, 'FW UPGRADE' button, and a 'POWER' indicator (green).

### Enjoy superior sound

Experience superior sound quality in conference rooms or home theaters with the VC882's audio de-embedding feature that separates the audio signal from the HDMI signal and outputs it to an amplifier or speaker.



◀ Conference Room



◀ Home Theater



**Hassle-free audio setup**

Eliminate the need for extra audio cables and enjoy an easy setup with the audio return channel (ARC) function, which directly outputs TV audio to speakers or amplifiers.



No Audio Cable Needed



Audio In



Audio Out



Product Comparison

## Talk to Our Experts

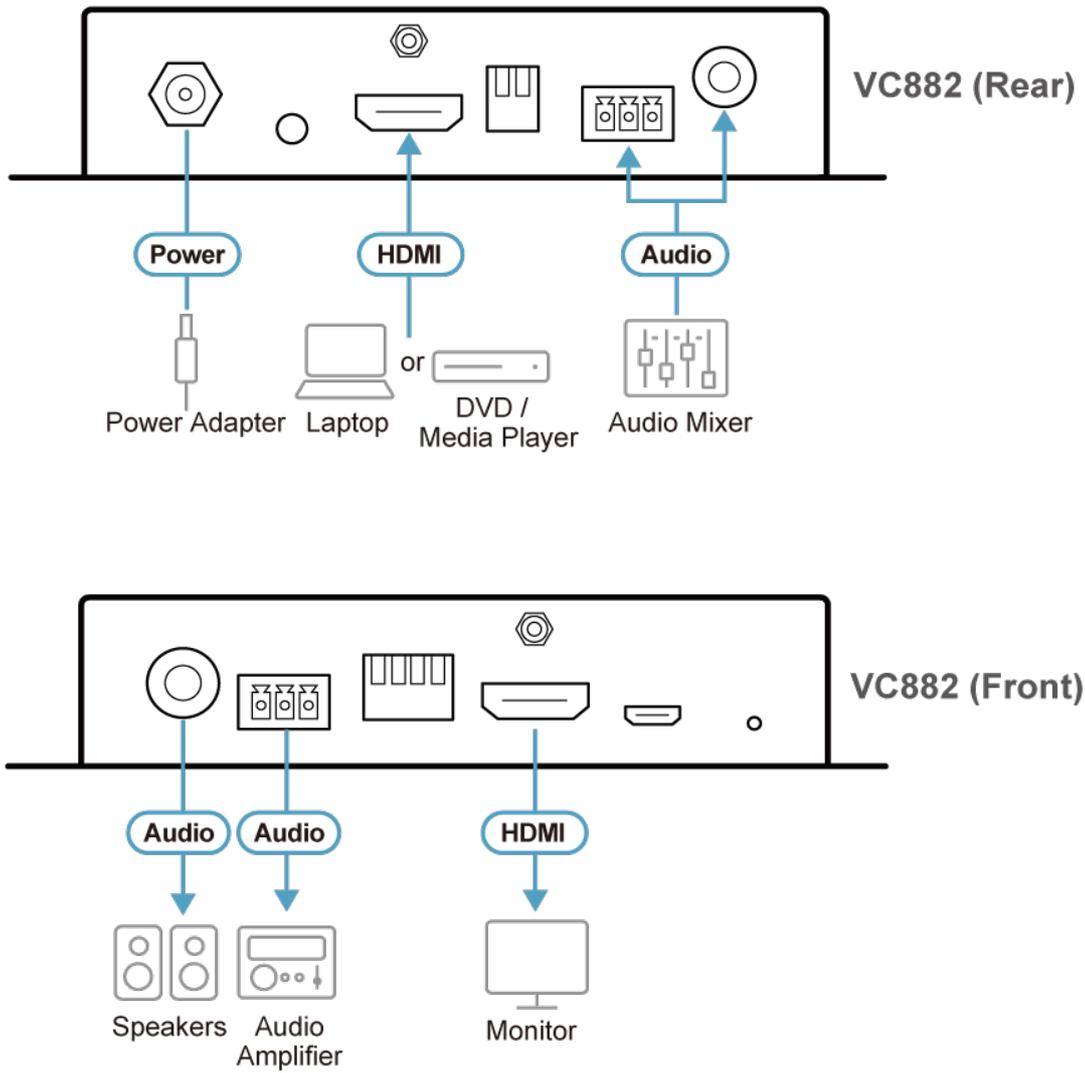
If you prefer to have ATEN contact you, please complete the form and a representative will be in touch with you shortly



LEDs	
Power	LED (blue) x1
Reset Button	Push button x1 (to activate mode configuration)
Switches	
Mode Selection	<p>MODE 1 (2-PIN)            PIN#1 (Enable / Disable Audio Embedder Function)            PIN#2 (Audio embed from Coaxial / Stereo)</p> <p>MODE 2 (4-PIN)            PIN#1 (Enable / Disable Audio Extractor Function)            PIN#2 (Enable / Disable ARC function)            PIN#3&amp;4 (EDID mode selection: Bypass, 5.1 CH, 2 CH, Learn)</p>
Video Input	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5 meters
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5 meters
Video	
Max. Data Rate	18 Gps
Max. Pixel Clock	600 MHz
Compliance	HDMI 2.0 (3D, Deep Color) HDCP 2.2
Max. Resolution	4096 X 2160@60Hz(4:4:4) 8 bit
Audio	
Output	Coaxial x1 Format: LPCM2.0, Dolby Digital 2.0, Dolby Digital 5.1, DTS Digital 5.1 3-pin terminal block x 1 Format: Analog, stereo, unbalanced, LPCM2.0
Input	Coaxial x1 Format: LPCM2.0, Dolby Digital 2.0, Dolby Digital 5.1, DTS Digital 5.1 3-pin terminal block x 1 Format: Analog, stereo, unbalanced, LPCM2.0
Connectors	
Power	1 x DC Jack, 5V 1A, Lockable
Firmware Upgrade	1 x Micro USB
Power Consumption	DC5V:2.905W:9.92BTU/h  Note: <ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul>
Environmental	
Operating Temperature	0 - 40 °C
Storage Temperature	-20 - 60 °C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.24 kg ( 0.53 lb )

Dimensions (L x W x H)	12.22 x 8.22 x 2.50 cm (4.81 x 3.24 x 0.98 in.)
Carton Lot	5 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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