



THENAUDIO

SHARC-V2

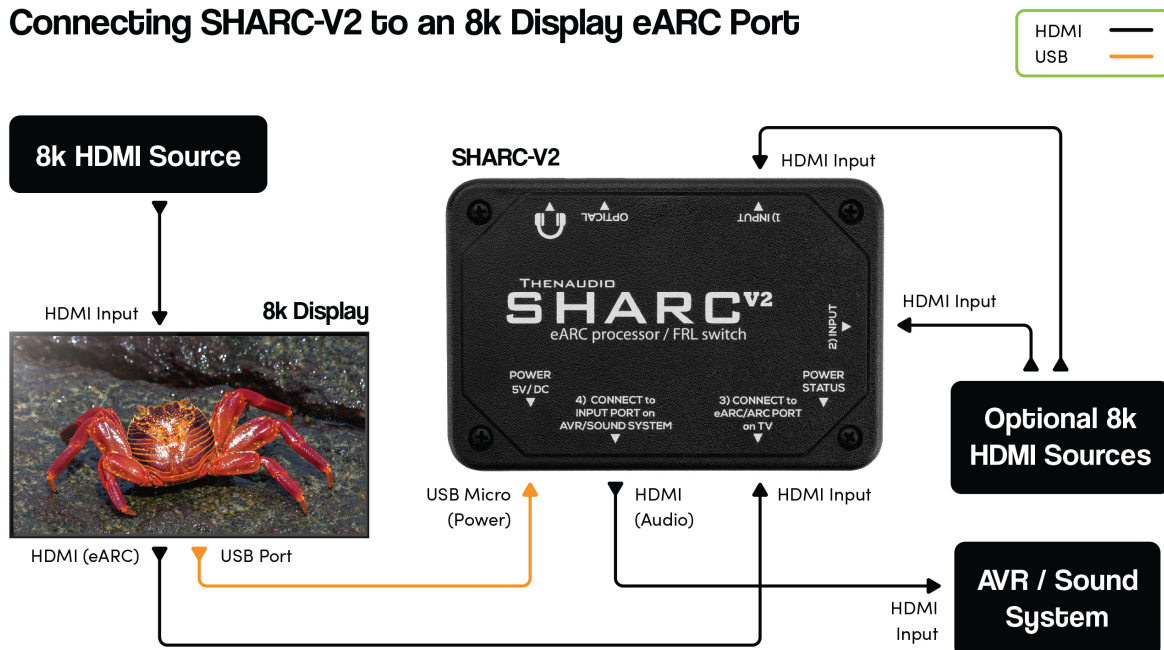
8K eARC Audio Processor



The SHARC-V2 is a THENAUDIO eARC two-zone audio processor that adds a low noise, quality DAC for high dynamic range via a 3.5 mm analog output that natively converts up to 384 kHz sampling rates. The SHARC-V2 also functions as an advanced HDMI 2.1, 8K, 48 Gbps (FRL 6) CEC-controlled A/V switcher through its onboard version of a limited THENAUDIO GUIDE switch.

Two HDMI 2.1/8K, 48 Gbps inputs accommodate post-18 Gbps media consoles with bandwidth headroom for the latest 4K/120 fps HDR games up to 8K/ 60 fps, 4:4:4 color space. Unique CEC port switching enables respective device remote controls to activate input switching on a TV or projector to finally deliver on the promise of CEC control that has seldom functioned with sustained repeatability.

Connecting SHARC-V2 to an 8k Display eARC Port



KEY BENEFITS:

- **Retain Legacy Surround Components for Extended Use:** Consumer Dolby Atmos debuted in 2014, while eARC, formally introduced in 2017, became widely available in compatible AVRs and processors in 2019. The SHARC-2 enables eARC to be split for extraction to two audio devices/systems simultaneously while remaining in the digital multi-channel domain. AVRs and processors absent an eARC input but compatible with lossless immersive audio formats may be retained as primary or secondary audio-centric components without requiring needless replacement.
- **Audio Format Support:** All digital audio formats, including metadata-derived atmospheric immersive are supported, limited only by the passthrough capabilities of the Television.
- **Video Format Support:** Formats up to HDMI 2.1, 48 Gbps, FRL 6 are supported.
- **TOSLINK Optical Out:** Supports Dolby Digital Plus Atmos at up to 192 kHz output.
- **CEC Port Switching:** The SHARC-V2 always remains connected to the TV's eARC port, maintaining CEC communication with CEC-capable sources. THENAUDIO's one-of-a-kind CEC architecture places SHARC-V2 input selection into the TV onscreen menu for access through the TV remote. When a source remote is pressed, the source wakes and informs the Zone2-Pro to select its input for pass-through to the TV for seamless operation.
- **Volume TRACKSYNC:** Independent CEC control, especially for display volume, is maintained by the SHARC-V2 along with CEC switching and command passthrough.
- **HEADPHONE/ANALOG Output:** Optimized for headphones, with output level controllable by TV or source remote. For analog output, the source must originate as two-channel PCM.

SPECIFICATIONS:

WEIGHT	0.4 kg
DIMENSIONS	11 × 7 × 3 cm
PLUG STYLE	EU plug, US plug

