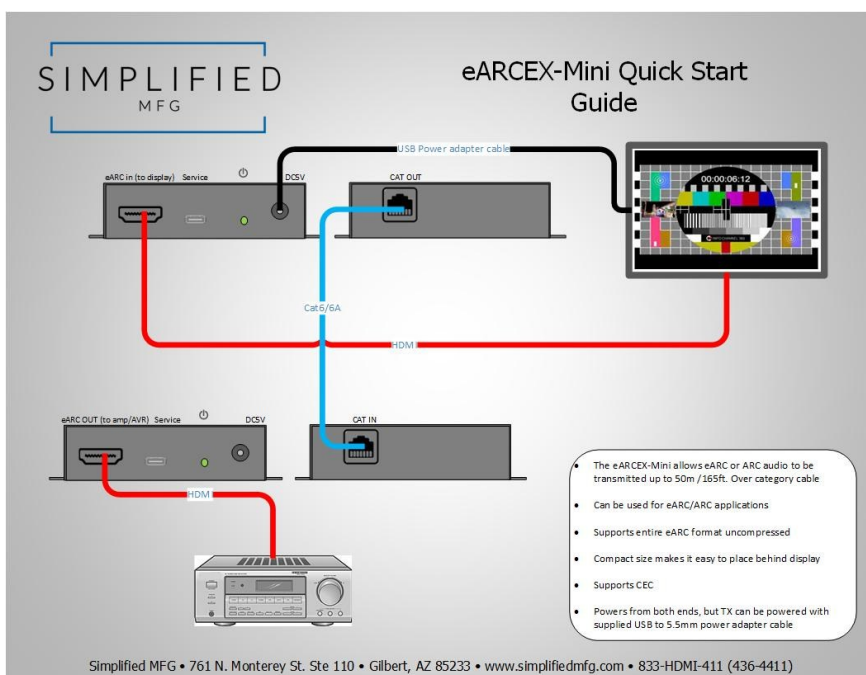# eARCEX-Mini

eARC Audio Extender with CEC

The eARCEX-Mini is a value add "little brother" to the eARCEX eARC on category extender. Like the eARCEX, the eARCEX-Mini supports the entire bandwidth of eARC and is 100% uncompressed audio from the display back to the rack or eARC audio device. Because it is full bandwidth, it will plug and play with little to no setup. The distance is 50m (165ft.) and while both ends need power, the TX portion only draws 0.86W and can be powered from the display's USB port. The power adapter to do so is included as is a second power supply. The eARCEX-Mini is superior to an ARC device as it has 37 times more bandwidth. The eARCEX-Mini is a no compromise solution for those looking for a similarly priced unit to the lower bandwidth ARC devices.

Features:

- Supports all eARC audio formats
- Backwards compatible with ARC
- CEC source control
- Supports full uncompressed audio resolution
- Powers via two power supplies or with one supply and USB power adapter (included)
- 3-Year Warranty

eARCEX-Mini Quick Start Guide

- The eARCEX-Mini allows eARC or ARC audio to be transmitted up to 50m /165ft. Over category cable
- Can be used for eARC/ARC applications
- Supports entire eARC format uncompressed
- Compact size makes it easy to place behind display
- Supports CEC
- Powers from both ends, but TX can be powered with supplied USB to 5.5mm power adapter cable

Simplified MFG • 761 N. Monterey St. Ste 110 • Gilbert, AZ 85233 • www.simplifiedmfg.com • 833-HDMI-411 (436-4411)

---

eARCEX-Mini

eARC Audio Extender with CEC

SIMPLIFIED
M F G

Specifications:

Technical	
Distance	50m/164ft.
eARC Formats	PCM 2.0/5.1/7.1ch, DD, DD+, DTS, Dolby TrueHD, DTS-HD MA, Dolby Atmos
ARC/SPDIF Formats	PCM 2.0CH, Dolby 5.1CH, DTS 5.1CH
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	

TX	Inputs:
	
	        1x HDMI (Type-A)
	        1x 5.5mm Jack (power)
	Outputs:
	
	         1x RJ-45

RX	Inputs:
	
	        1× RJ-45
	        1 x 5.5mm Jack (power)
	Outputs:
	
	        1× HDMI (ARC)

Mechanical	
Housing	Metal Enclosure
Dimensions	79.5mm / 3.125" [W] x 69mm /2.75" [D] x 16.5mm / .65" [H]
Weight	TX or RX 4.65 oz
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	TX 0.86W RX 1.25W
Operation Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)