ARCEX
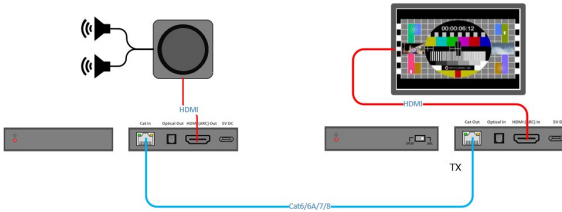
ARC Audio Extender with CEC

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The ARCEX is a 90m (at full resolution) ARC audio over category cable extender. The ARCEX supports all ARC audio formats and CEC. The compact units are powered via Micro USB ports and come with cables and power supplies. Getting power from an available USB port is super easy as the TX portion only draws 0.35W. The RX portion, 0.7W. In addition the ARCEX can also be used as an optical to optical extender instead of ARC as well. Ideal use is where the display is the source to get audio back to AVR or ARC enabled amplifier.

Features:

- Supports all ARC audio formats
- Supports CEC source control
- Supports full audio resolution (ARC is better than optical)
- Powers via Micro USB
- Very low current draw means the display can be used to power TX
- 3-Year Warranty

Specifications:

Technical	
Bit rate by Distance	ARC up to 192kHZ. – 95m /295ft. , Optical up to 96kHZ. – 150m /495ft.
Digital-to-Digital Audio formats	LPCM, DTS, Dolby Digital 5.1
Sampling Rates	32kHZ., 44.1kHZ., 48kHZ., 88.2kHz., 96kHZ., 176.4kHz., & 192kHz.
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)

Connections	

TX	Inputs:
	    1x HDMI (Type-A)
	    1× Optical (Toslink)
	    1x Micro USB (power)
	Outputs:
	    1x RJ-45

RX	Inputs:
	    1× RJ-45
	    1 x Micro USB (power)
	Outputs:
	    1× HDMI (ARC)
	    1× Optical (Toslink)

Mechanical	
Housing	Metal Enclosure
Dimensions	90mm / 3.54" [W] x 73mm /2.875" [D] x 20mm / .79" [H] 2.72"x2.5"x0.95"
Weight	TX: 138g/ 4.875oz. RX: 143g/5oz.
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	TX 0.35W / RX 0.7W (Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)