

# HDMI ARC(Audio Return Channel) / Digital Audio Converter

**ITEM NO.: ARC01**



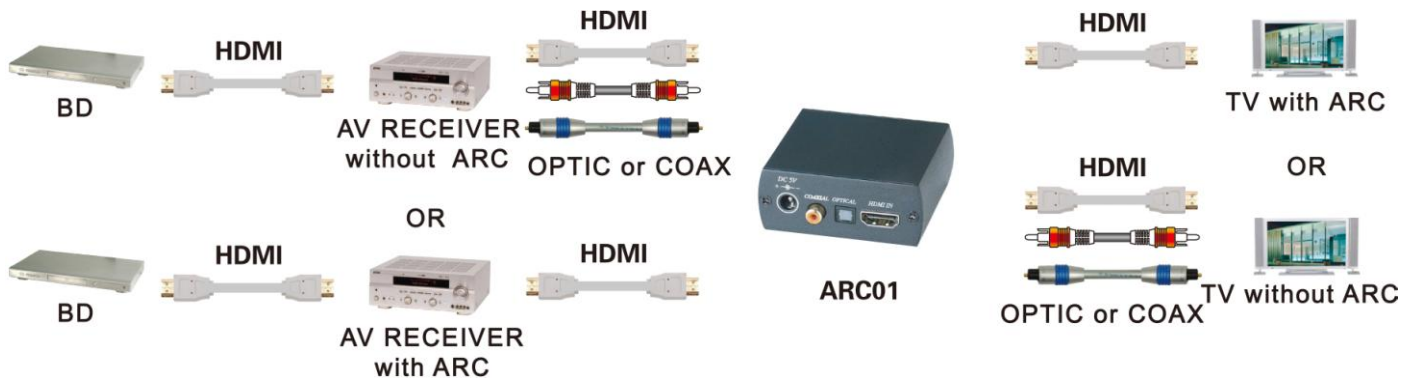
The compact HDMI ARC Converter is design to embed/extract digital audio from ARC enabled HDTV application which is perfect to use when your AV receiver or TV Monitor without ARC function. The ARC converter can decode or encode HDMI audio to its digital audio input/output for easy integration with your existing surround sound system.

## **ARC01 HDMI ARC (Audio Return Channel) / Digital Audio Bi-directional Converter**

**Feature:**

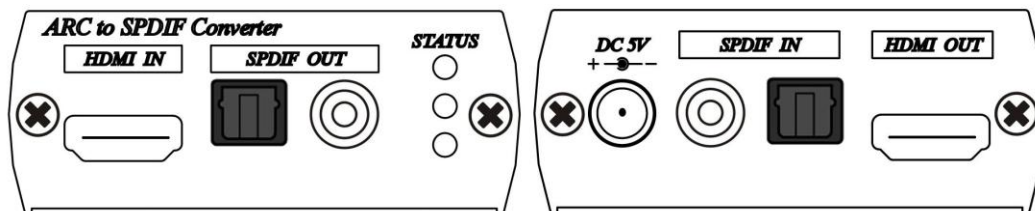
- As an ARC decoder/encoder.
- Design to use for AV receiver or TV without ARC function.
- Decode HDMI ARC audio to digital audio.
- Encode digital audio to HDMI ARC output.
- Digital audio support: Coax and optical input/output.

**Installation View:**



1. Connect HDMI IN to AV Receiver HDMI Out, HDMI OUT connects to TV HDMI input.
2. For AV receiver without ARC function: connect ARC01 optical or coax output to AV receiver audio input to decode TV ARC signal, the optical and coax could output at same time.
3. For TV without ARC function: connect ARC01 optical or fiber input to TV audio output to encode digital audio to ARC. Optical is priority if optical and coax input both connected.

**Panel View:**



## LED Indication:

Power	Green	ON/OFF
Mode	Blue	OFF: ARC decode mode (fiber or coax input without signal) ON: ARC encode mode (fiber or coax input with signal)
Input	Red	OFF: Coax input ON: Fiber input

## Connector Define:

HDMI IN: HDMI input (connect to AV Receiver HDMI output)  
HDMI OUT: HDMI output (connect to TV HDMI input)  
COAXIAL IN: Digital audio coax input (connect to TV digital audio coax output)  
OPTICAL IN: Digital audio optical input (connect to TV digital audio optical output)  
COAXIAL OUT: Digital audio coax output (connect to AV Receiver digital audio coax input)  
OPTICAL OUT: Digital audio optical output (connect to AV Receiver digital audio optical input)

## Caution:

Under decode ARC to AV center mode; it won't be support CEC boot function.

## Specification:

ITEM NO.	ARC01
Video Input/ Output	HDMI Type A
Digital Audio Input /Output	RCA 75Ω , TOSLINK
Temperature	Operation: 0 to 55°C , Storage: -20 to 85°C , Humidity: up to 95%
Power Supply	DC5V 1Amp
Power Consumption	90mA (Typical) / 150mA (Max)
DIMENSIONS mm	67 x 91 x 27
Weight g	140

RoHS   

Rev. A