

# 4K HDMI to HDMI + Fiber Coaxial ARC Audio Splitter Computer USB Model: HD652A



## Description:

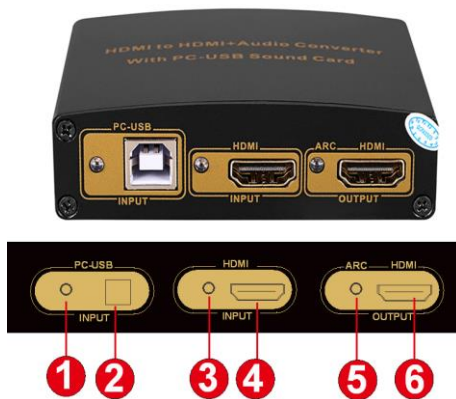
This is a 4K HD HDMI audio and video separator, the product supports HDMI + computer USB input, converted to HDMI + fiber coaxial + audio output, with ARC sound return function and the computer USB interface into USB sound card function, and the same shaft fiber output supports dts / ac3 / Dolby 5.1 / 7.1 channels.

## Product Features:

1. Supports HDMI input + PC-USB input + HDMI ARC return input
2. Support coaxial + fiber + L / R three audio interface output at the same time
3. Supports HDMI split coaxial / fiber output dts / ac3 5.1 / 7.1 channel
4. HDMI input and output resolution maximum support 4Kx2K @ 30fs
5. Computer USB sound card support coaxial / fiber output dts / ac3 5.1 / 7.1 channel
6. Support - key recirculation three input sources
7. Use DC 5V / 1A to supply power

## Panel Interface Definition:

Figure 1.0 Front panel diagram



1. PC-USB input indicator
2. PC-USB input interface
3. HDMI input indicator
4. HDMI input interface
5. HDMI ARC input indicator
6. HDMI output interface (ARC back interface)

Figure 1. 1 Rear panel diagram



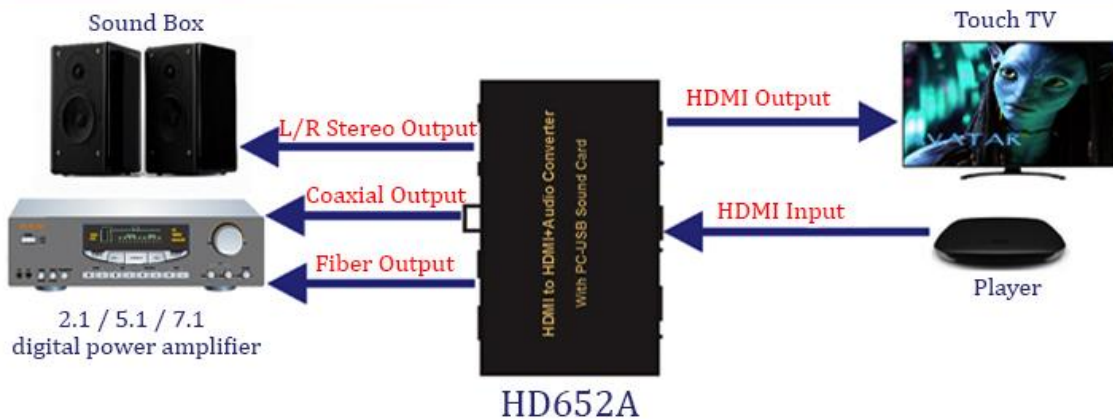
1. DC 5V power input interface
2. L / R two-channel output interface (only for HDMI input)
3. Coaxial output interface
4. Fiber output interface
5. Audio source switching button (PC-USB input / HDMI input / ARC input cycle switch)

## Specifications:

HDMI support version	HDMI 1.4 & HDCP 1.4	HDMI maximum bandwidth	340MHz
HDMI total baud rate	10.2Gbps	HDMI TDMS level	0.5~1.5Vpp (TTL)
HDMI DDC level	5Vpp (TTL)	HDMI cable length	≤20m standard cable
DSP sampling frequency	32-96 KHz	DSP bit rate	16-24 Bit
Digital input level	0.1 - 1Vp - p	Analog output level 5.1	≥1.5V RMS (1kHz@0dB)
Signal to noise ratio @ 0dB	>90dB	Distortion	<0.03%
Frequency response	20Hz~20KHz	Maximum operating current	≤400mA
Operating temperature	-10 ~ +60°C	Operating temperature	10-90% RH (no condensation)
Storage temperature	-20 ~ +60°C	Storage temperature	5 to 95% RH (no condensation)
Product Size	218x66x27 (mm)	Product weight	220g
Power adapter specifications	Input: AC 100V-240V50 / 60HZ; output DC5V / 1A		

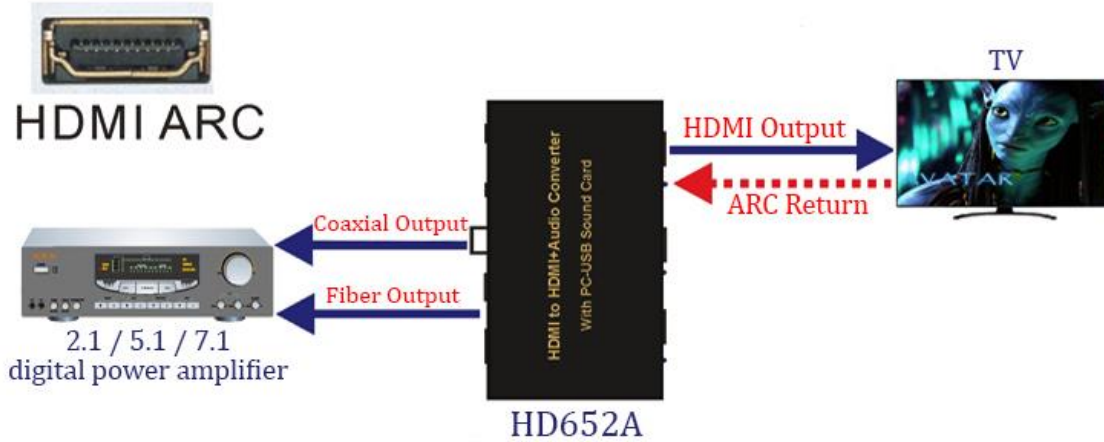
## Applications:

### HD652A | Application Case I HDMI Input Audio Separation



# HD652A

## Application Case II HDMI Output ARC Audio Return



# HD652A

## Application Case III Computer USB Sound Card

