



DIGITECH

Audio Visual



HDMI Audio Extractor AC-1739 User Manual

Introduction

The AC-1739 is designed to make the use of your HDTV equipment more comfortable.

AC-1739 is a solution for users who use HDMI® products and like to output audio to an audio system to enjoy High quality sound.

Also, some people have trouble to enjoy 4K and high quality audio at the same time with their Home Theater System. With this unit the problem can be solved. AC-1739 separates audio from HDMI to digital audio output (Optical, Coaxial), so users will not have problem to watch 4K videos while connecting non-4K amplifier and 4K TV.

The feature designed digital audio output (Optical, Coaxial) makes users easily share the digital audio of the source devices by connecting one optical or coaxial audio cable to an audio system which does not support HDMI connection. Moreover, the feature of supporting analog audio (R/L) output also helps you enjoy the quality sound more easily.

AC-1739 can support HDMI 4K video format functions; and compliant with your 4K enable devices. You can enjoy the convenience of 4K features without interruption.

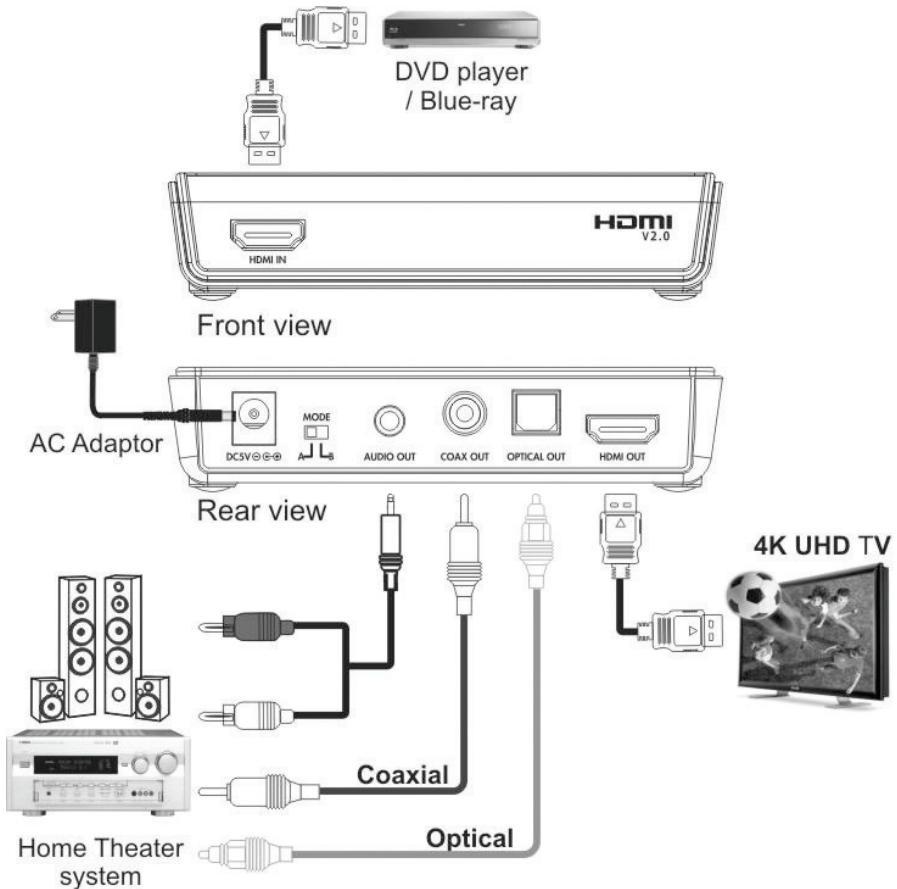
For the best performance of this unit, please read this manual carefully and keep it for further information.

Features

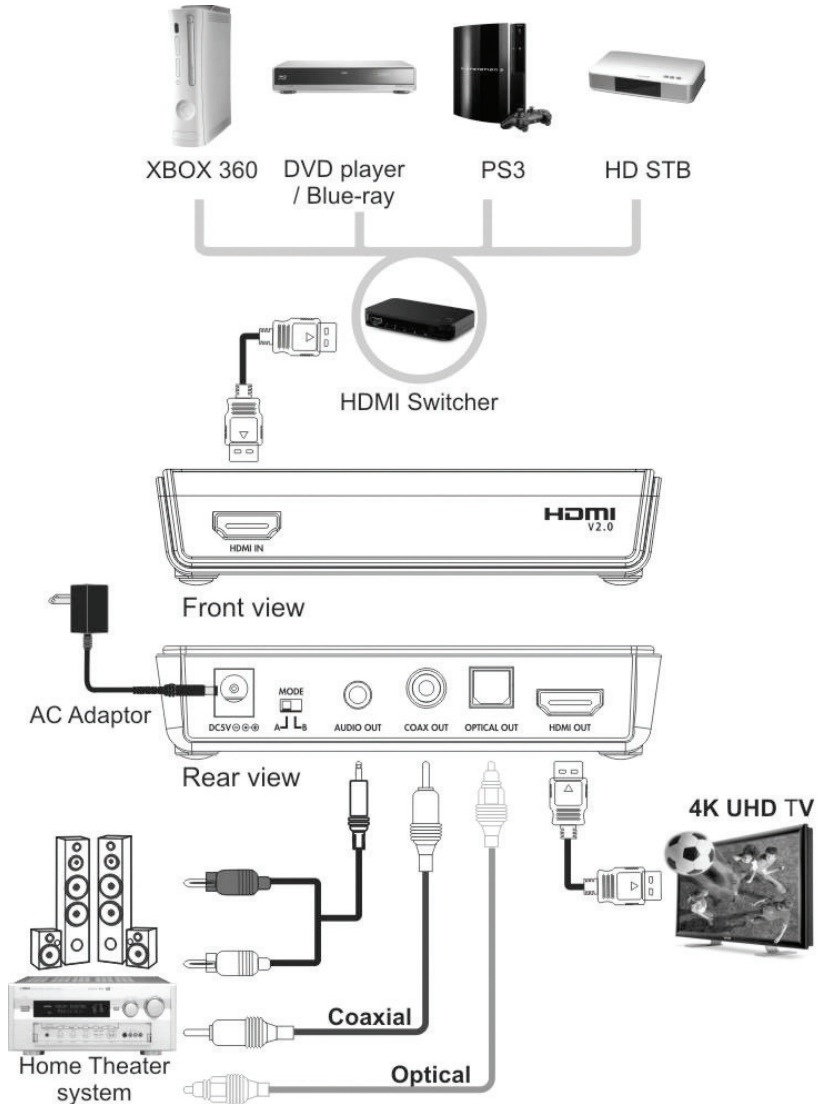
- HDMI® 2.0 video format supported
- Support 4K HDTV; Support Pixel clock rate up to 600 MHz
- HDCP 2.2 compliant
- Support digital S/PDIF audio output (optical, coaxial)
- Support analog audio output (R/L)
- DTS® HD, Dolby® TrueHD lossless compressed digital audio compliant (via HDMI)
- Gold plated connectors
- Two modes selection for audio format setting

Application Installation

Connect to an Amplifier



Connect to an Amplifier (with a HDMI switcher)



If you want to watch 4K sources, please make sure the sink device supports the same HDMI 4K video format as your sources. The 4K image cannot be delivered to a TV which does not support 4K video format.

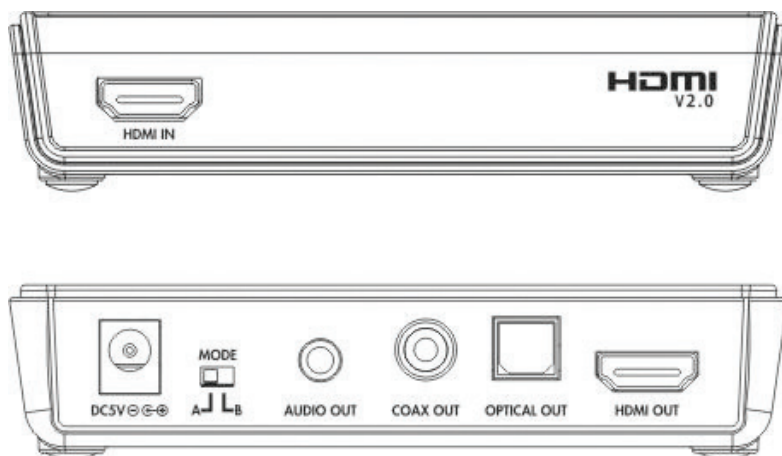
Box Contents

- 1 x HDMI Audio Extractor
- 1 x 3.5mm to RCA Cable
- 1 x Power Supply
- 1 x User Manual

Connection

- Step 1:** Connect the HDMI cables from the HD sources devices (or HDMI switcher) to the input ports of the main unit.
- Step 2:** Connect the HDMI cable from your HDTV to the output port of the main unit.
- Step 3:** Connect Optical, Coaxial cable or 3.5mm audio cable from Audio System (audio amplifier, Speaker, Sound Bar...) to the main unit.
- Step 4:** Set the audio output format to mode A or mode B.
- Step 5:** Connect the DC 5V/1A power adaptor to the DC jack of the main unit.
- Step 6:** After you finish the connection, the power indication LED (red) will be lighted on.

Main Unit Operation



Mode Select Key:

A: Remain TV's audio signals.

B: Audio Specified (Dolby Digital 5.1, DTS 5.1, PCM 2CH, and AAC.)

Specified Mode Operation

- If source devices do not support the function of Auto Detection & Auto Adjustment, please set the output audio signal of the source device first, and make sure the setting can be supported by the sink devices. For example, if user set the source to send out a DTS 5.1CH (or Dolby 5.1CH) signal, but the sink device can only support up to 2 CH, you will not have sound output from the sink device.
- If source devices support the function of Auto Detection & Auto Adjustment, the source device will auto adjust the output audio signal to the optimal standard based on the following different modes. Users can also set the audio output signal by themselves. Please make sure the setting can be supported by the sink devices.

Mode	Mode Action
Mode A Follow TV's Audio Signals Factory Setting Mode	In this Mode, output audio signal will follow the audio format from TV. For example, if TV's audio format can only support PCM 2CH, the output audio format of HA2-110SA will be PCM 2CH as well.
Mode B Audio Specified (Dolby Digital 5.1, DTS 5.1, and PCM 2CH)	Set the output audio signal as one of the following audio formats: Dolby Digital 5.1, DTS 5.1, PCM 2CH or AAC. For example, if the connected source device supports AAC audio format output, the output audio format of the main unit will be AAC as well.

For audio output format adjustment: (Please refer to the source device manual.)

1. Check the supported audio format of the feature film. (Stereo, DTS® 5.1, and Dolby® Digital 5.1...etc)
2. Set the audio output format of source device. Ex. uncompressed PCM or Bit Stream (Dolby® Digital 5.1, DTS® 5.1 ...etc.)
3. Select the output of audio format and language from the main feature menu.

For HD quality audio (Dolby® TrueHD, DTS-HD Master Audio™), or other audio formats that need high bandwidth for audio transmission, please use HDMI connection for the HD audio transmission.

If the output audio format of source device is not supported by the sink device (HDTV, Home Theater receiver, Sound Bar Speaker), you may hear noise from the speakers or you will not hear any sound from the speakers. When this happens, please select to MODE A or reset the source device's output audio format.

If you want to use a Home Theater System or other speaker system for audio output, it is recommended to MUTE or Turn OFF the TV's Volume.

Trouble Shooting

1. When there is no picture presented, please:

- Make sure the direct connection from the source device to the display device without the main unit is working.
- Check if all connectors are connected well; and check if all cables can support the transmission speed. High Speed HDMI cables are recommended.
- Check the power of main unit.

2. When there is only picture displayed and without sound:

- Check the cable connection to see if it fits properly.
- Check your cable to see if it supports video transmission only or it is damaged.
- HDCP may not match very well at first connection; please restart your main unit.
- If connected to an amplifier via 3.5mm audio cable, please set the audio mode to mode A.
- Under Mode B, if the amplifier can not support Dolby Digital 5.1, DTS 5.1, AAC, or PCM 2CH, the amplifier will not have sound.
- The unit can not decode digital compressed audio format (Dolby Digital, DTS, and AAC.) into analog 2 Channel audio format (R/L). When connect the unit to a speaker via 3.5mm audio cable, please make sure source device can output 2 Channel audio format (R/L).

3. When resolution could not show in 4K.

- Make sure your sources and displays are fully supporting 4K.
- Make sure your HDMI cables are capable of transmit 4K video signal.

4. Supported HDMI 3D video format:

Frame Packing	Side-by-Side (Half)	Top-and-Bottom
1920x1080p@23.98/24Hz	1920x1080i@59.94/60Hz	1920x1080p@23.98/24Hz
1280x720p@59.94/60Hz	1920x1080i@50Hz	1280x720p@59.94/60Hz
1280x720p@50Hz		1280x720p@50Hz

5. When 3D content could not be shown on your display

- Please make sure your sources and display are 3D supported devices and also support the same 3D format.
- Please check if the Blue-ray player has been set 3D or AUTO play-mode for video output.
- Please make sure the video content is 3D content.

Notice

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