




Simplecom CM423v2 HDMI Audio Extractor User Manual

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Simplecom CM423v2 HDMI Audio Extractor



About Product

This adapter allows the user to extract the embedded audio from an HDMI source and output it separately through an analog 3.5mm audio jack or a digital optical SPDIF connector. The video stays within the existing HDMI signal and can be sent on to the HDMI display.

You can easily place this compact adapter behind your AV equipment, and power it through a USB cable that can draw power from either a USB charger or an available USB port on your TV, media player, or PC. It is compliant with both HDMI 1.4b and HDCP 1.4 standards.

Features

- Optical SPDIF and 3.5mm audio output extracted from HDMI input
- One HDMI output for HDMI pass-through
- Ideal solution for connecting external speaker with analog or optical input
- SPDIF and 3.5mm jack can output audio simultaneously for 2.0CH audio
- HDMI 1.4b and HDCP 1.4 Compliant
- Supports HDMI resolution up to 4K Ultra HD
- Powered by USB, plug and play
- Supports compressed and uncompressed audio format, such as DTS-HD, DolbyTrueHD, Dolby Digital, PCM, LPCM



3 Audio Mode

- **TV:** It will detect audio setting automatically from TY EDID (please note 3.5mm jack will be disabled if 5.1 audio is detected)
- **2.0:** Both SPDIF and 3.5mm jack will output 2CH stereo audio
- **5.1:** SPDIF will output 5.1 channel audio, 3.5mm jack doesn't support 5.1 channel and it will be disabled

Specifications

- **MI Version:** HDMI 1.4b
- **HDCP Version:** HDCP 1.4
- **EDID Support:** EDID 1.4
- **Input:** 1x HDMI Female
- **Audio Outputs:** 1 x SPDIF (Optical), and 1 x 3.5mm Stereo Audio (Analog)
- **Video Output:** 1x HDMI Female (HDMI pass-through)
- **HDMI Resolution Support:** 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p
- **Audio Support:** DTS-HD, Dolby TrueHD, Dolby AC3, PCM, LPCM, DTS, DSD
- **Max Bandwidth:** 400 MHz
- **Max Baud Rate:** 10.2 Gbps
- **Input/Output TMDs signal:** 0.5-1.5Volts p-p (TTL)
- **Input/Output DDC signal:** 5Volts p-p (TTL)
- **Max working current:** 350mA
- **Operation Temperature:** -10°C ~ 50°C
- **Dimension:** 75 x 55 x 25mm (LxWxH)
- **Weight:** 43g

Package Contents

- 1x HDMI Audio Extractor
- 1x0.5M HDMI Cable
- 1x USB Power cable
- 1 x USB Wall Charger
- 1x User Manual

FAQ

Q: Do I have to connect USB power?

Yes, external power is required to make this extractor work, you can connect the USB cable to a USB wall charger (5V1 A) or U5B port on TV.

Q: can I connect this exactor to HDMI ARC port on TV?

No, this adapter doesn't support ARC and the HDMI input port only can be connected to HDMI source devices, such as game consoles, video player and computers.

Q: 3.5mm audio output is not working

3.5mm jack doesn't support 5.1CH, please mark sure to set the Audio Mode to "2.0" to get audio from 3.5mm jack. Also, check the setting on HDMI source device, change to PCM or LPCM audio output.

Q: How to get 5.1 CH Audio?

Please mark sure to set the Audio Mode to "5.1" to get 5.1 surround audio. You also need to check if the HDMI source device supports

CH audio, and make sure 5.1CH audio is enabled under Audio setting on your HDMI source device, please note 3.5mm jack support 2CH only and it will be disabled under "5.1" mode.

Q: No video and audio output or HDCP error message

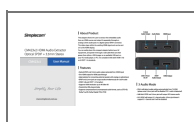
Please check the HDMI source device, this adapter supports HDCP 1.4, there will be no display if higher version HDCP is detected.

Warranty

1 Year limited Warranty. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For our assistance with regards to warranty please email to support@simplecom.com.au or create a support ticket at <http://www.simplecom.com.au> © Simplecom Australia All Rights Reserved. Simplecom Is a registered trademark of Simplecom Australia Pty Ltd. All other trademarks are property of their respective owner. Specifications and external appearance are subject to change without notice. Warranty and technical support covering this product are only valid in the country or region of purchase.

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Documents / Resources



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