



CM425 HDMI 2.0 Audio Extractor Optical SPDIF + 3.5mm Stereo with ARC

CM425

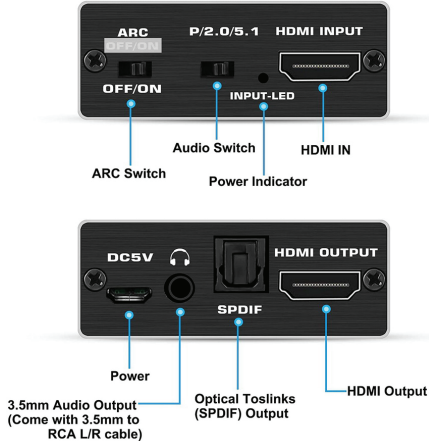
User Manual

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About Product

CM425 is an upgraded HDMI 2.0 Audio Extractor, supports video resolution up to 4K@60Hz and audio output through Optical SPDIF or 3.5mm stereo. It also supports ARC (Audio Return Channel), so you can connect it to an ARC compatible TV directly. It's the ideal solution when you would like to output the audio through an external speaker system with analog or optical input, also when an older audio system without HDMI input.



3 Audio Mode

- **P (PASS) Mode:** The output audio format depends on the HDMI input signal.
- **2.0 (2CH) Mode:** to get analog stereo audio. Extract the digital 2CH PCM stereo audio signal from the HDMI input and convert it to 2CH analog stereo output through its 3.5mm Audio/Optical SPDIF output at the same time.
- **5.1 (5.1CH) Mode:** to get 5.1 digital surround audio. Please note
- HDMI input source must support 5.1 channel digital audio, which can be extracted via Optical SPDIF output. It support Dolby TrueHD and DTS-HD Master Audio.

ARC (Audio Return Channel)

ARC is an HDMI feature, built into many TVs, uses a single HDMI connection to send audio from a TV back to the audio extractor, so you can easily connect your speaker or soundbar system.

- For ARC function, please make sure your TV supports ARC and connect to the ARC enabled HDMI port on TV. You can see red light on the SPDIF port if extractor gets signal.
- When ARC mode is **OFF**, audio signal is extracted from the HDMI source device that connected HDMI INPUT on the extractor.
- When ARC mode is **ON**, the HDMI INPUT on the extractor will be disabled and audio signal is extracted from the TV ARC port that connected to HDMI OUTPUT on extractor. Please make sure the TV ARC port is connected to the HDMI OUTPUT on the extractor.
- It's recommended to set audio mode to P (PASS) when ARC is enabled, please note some TV only can support 2CH audio via ARC, not all TV can support 5.1CH audio via ARC.

Features

- HDMI 2.0b and HDCP 2.2 compliant with 18Gbps bandwidth support
- Support HDR and video resolution up to 4K@60Hz
- Convert 1 HDMI input to 1 HDMI + (SPDIF+3.5mm) audio output
- Support ARC (Audio Return Channel) for ARC compatible TV
- Powered by USB, Micro USB port for power input
- Three Audio Mode: Pass-through, 2CH and 5.1CH
- Supports compressed and uncompressed audio format, such as DTS-HD, Dolby TrueHD, Dolby Digital, PCM, LPCM

Specifications

- HDMI Version: HDMI 2.0b (backwards compatible)
- HDMI resolution support: 480i/480p/576i/576p/720p/1080i/1080p/4K@60Hz
- Input: 1x HDMI Input
- Audio Outputs: 1x SPDIF (Optical), 1 x 3.5mm Stereo Audio (Analog)
- Video Output: 1x HDMI output (HDMI pass-through)
- ARC Support: Yes (with switch)
- HDMI 3D Support: Yes
- HDCP Version: HDCP 2.2
- Max Bandwidth: 600MHz
- Max Baud Rate: 18Gbps
- Support Color Format: 24bit, 30bit, 36bit deep color
- Digital audio Support: Dolby Digital, Dolby TrueHD, DTS-HD, DTS, PCM, LPCM
- Power Input: 5V/1A
- Dimension: 58x53.5x22mm (LxWxH)
- Weight: 55g

FAQ

Q: No video and audio output on TV

Please check if you connect the HDMI device and TV to correct HDMI port on extractor. You need to connect the HDMI source device to **HDMI INPUT** on extractor, and connect the TV to **HDMI OUTPUT** on the extractor. Also, please don't forget to connect USB power.

Q: Can I still use HDMI INPUT when ARC mode is ON?

No, the HDMI INPUT on the extractor will be disabled when ARC mode is ON, the extractor will receive audio signal from TV via ARC.

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 (5V1A) or USB port on TV.

Q: Cannot display 4K@60Hz signal

First please make sure all HDMI cables are 28AWG 19+1 HDMI cable, which is capable to 18Gbps. Also you can change the Video output setting to Automatic or YUV, then power off and restart the HDMI output device.

Q: How to get 5.1 CH Audio?

Please mark sure to set the Audio Mode to " P " or " 5.1 " to get 5.1 digital surround audio. You also need to check if the HDMI source device supports 5.1CH audio, and also make sure 5.1CH audio is enabled under Audio setting on your HDMI source device.

Q: How do I know if my TV is ARC compatible?

ARC complaint HDMI ports are normally labelled with the letters "ARC" for easy identification. Check your TV's HDMI ports and see if ARC is printed on any of these connectors. Please note most TVs only have one ARC enabled HDMI port.

Q: TV remote can't control the volume after ARC enabled

After you turn on ARC, then the TV remote won't control the volume, you can only adjust the volume on your speaker system or sounder connected to extractor.

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>

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