

CNV-CLUX-11CA

Cypress CLUX-11CA HDMI, Toslink, RCA To HDMI Audio Inserter

Product Overview

Cypress CLUX-11CA HDMI, Toslink, RCA To HDMI Audio Inserter; 1 x HDMI input; 1 x Toslink optical input; 1 x RCA L/R input; 1 x HDMI output; HDMI 1.4a; HDCP 1.4; up to 1920 x 1080p at 60 Hz; HDMI audio up to 192 kHz; optical audio up to 48 kHz; 2.7 W; 90.7 x 34 x 85.8 mm; 107 g



Specifications

About this product

The Cypress CLUX-11CA HDMI Audio Inserter allows an external audio signal to be inserted into an HDMI or DVI signal path using HDMI, Toslink optical or RCA stereo audio inputs. It supports HDMI audio sampling rates up to 192 kHz, optical audio up to 48 kHz, 1080p60 video and a range of stereo and multi-channel audio formats. Buy the Cypress CLUX-11CA from our website for a practical audio integration solution for home entertainment, AV and professional installations.

Overview Summary

Cypress CLUX-11CA HDMI Audio Inserter is designed to add an external audio source to an HDMI or DVI signal path while maintaining HDMI video transmission. The unit provides 1 x HDMI input, 1 x Toslink optical digital audio input and 1 x RCA L/R analog audio input, with 1 x HDMI output.

The CLUX-11CA supports HDMI resolutions up to 1920 x 1080p at 60 Hz with 12-bit input and output signals. It supports HDMI audio sampling rates up to 192 kHz, optical S/PDIF sampling rates up to 48 kHz and high-bit-rate audio formats including Dolby TrueHD and DTS-HD Master Audio.

Performance tier: Professional AV integration

Uses: Home theatre, AV installations, HDMI audio integration, digital signage, presentation systems, PC and laptop AV setups

Overview

The HDMI(TM) Audio Inserter lets you insert an external audio signal into any HDMI signal path. The unit allows you to insert stereo and multi-channel digital surround sound signals to give users the capability to select audio formats while extending your HDMI signal.

Description

ComX Computers

Product Specification Sheet

The Cypress CLUX-11CA HDMI Audio Inserter is a compact AV device designed for applications where an external audio signal needs to be incorporated into an HDMI or DVI signal path. It provides HDMI, optical S/PDIF and RCA L/R audio input options and sends the resulting signal through a single HDMI output.

The HDMI input and output support signals up to 1920 x 1080p at 60 Hz with 12-bit input and output capability. The device supports HDMI 1.4a and DVI 1.0 compliance and HDCP 1.4. It also supports 3D signals, making it suitable for compatible HDMI-based entertainment and presentation systems.

For audio, the CLUX-11CA supports HDMI LPCM 2, 5.1 and 7.1 channel audio together with Dolby 5.1, DTS 5.1, Dolby Digital+, Dolby TrueHD and DTS-HD Master Audio. The optical input supports LPCM 2 channel, Dolby Digital and DTS Digital Audio 5.1. HDMI audio sampling is supported up to 192 kHz, while optical audio sampling is supported up to 48 kHz.

The compact plastic enclosure measures 90.7 x 34 x 85.8 mm and weighs 107 g. Power consumption is rated at 2.7 W, making the CLUX-11CA suitable for installations where a compact and low-power HDMI audio integration device is required.

Features

The Cypress CLUX-11CA combines multiple audio input options with HDMI video pass-through in a compact enclosure.

- Inserts an external audio signal into an HDMI or DVI signal path.
- Provides 1 x HDMI input for HDMI audio and video.
- Provides 1 x Toslink optical input for digital audio.
- Provides 1 x RCA L/R input for analog stereo audio.
- Provides 1 x HDMI output for the combined HDMI signal.
- Supports HDMI audio sampling rates up to 192 kHz.
- Supports optical S/PDIF audio sampling rates up to 48 kHz.
- Supports HDMI LPCM 2, 5.1 and 7.1 channel audio.
- Supports Dolby 5.1 and DTS 5.1 audio.
- Supports Dolby Digital+ audio.
- Supports Dolby TrueHD and DTS-HD Master Audio.
- Supports high-bit-rate audio.
- Supports 1080p60 video with 12-bit input and output signals.
- Supports HDMI 1.4a and DVI 1.0 compliance.
- Supports HDCP 1.4.
- Supports 3D signals.
- Supports TMDS clock frequencies up to 225 MHz.
- Low power consumption of 2.7 W.
- Compact plastic enclosure suitable for AV installations.

What's in the Box

- 1 x Cypress CLUX-11CA HDMI Audio Inserter
- 1 x 5 V power adaptor

Specifications

Inputs	1x HDMI [1x Uncompressed AV and Data]
	1x TOSLINK [1x Optical 2 Channel LPCM]
	2x RCA [1x Stereo (L/R)]
Outputs	1x HDMI [1x Uncompressed AV and Data]
PSU	5V/1.2A

Dimensions	91mm [W] x 86mm [D] x 34mm [H]
Net Weight	107g

FAQ

What is the Cypress CLUX-11CA used for?

The Cypress CLUX-11CA is used to insert an external HDMI, Toslink optical or RCA stereo audio signal into an HDMI or DVI signal path.

What audio inputs does the CLUX-11CA support?

It provides 1 x HDMI audio input, 1 x Toslink optical digital audio input and 1 x RCA L/R analog stereo audio input.

What HDMI resolution does the CLUX-11CA support?

The CLUX-11CA supports HDMI input and output up to 1920 x 1080p at 60 Hz, including 12-bit input and output signals.

Does the CLUX-11CA support optical audio?

Yes. The CLUX-11CA supports optical S/PDIF audio with sampling rates up to 48 kHz and supports LPCM 2 channel, Dolby Digital and DTS Digital Audio 5.1.

Does the CLUX-11CA support RCA stereo audio?

Yes. The unit includes 1 x RCA L/R analog audio input for stereo audio sources.

Does the CLUX-11CA support surround sound?

Yes. Supported HDMI audio formats include LPCM 5.1 and 7.1, Dolby 5.1, DTS 5.1, Dolby Digital+, Dolby TrueHD and DTS-HD Master Audio.

Is the Cypress CLUX-11CA suitable for home theatre?

Yes. Its HDMI, optical and RCA audio inputs and support for multiple surround sound formats make it suitable for compatible home theatre and AV integration applications.

Does the CLUX-11CA support 3D HDMI signals?

Yes. The CLUX-11CA supports 3D signals when used with compatible source and display equipment.

How much power does the CLUX-11CA consume?

The specified power consumption is 2.7 W. The unit uses a 5 V power adaptor.

What are the dimensions of the CLUX-11CA?

The Cypress CLUX-11CA measures 90.7 x 34 x 85.8 mm and weighs 107 g.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/CNV-CLUX-11CA-Cypress-CLUX-11CA-HDMI-Toslink-RCA-To-Buy-p-174732.php>

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