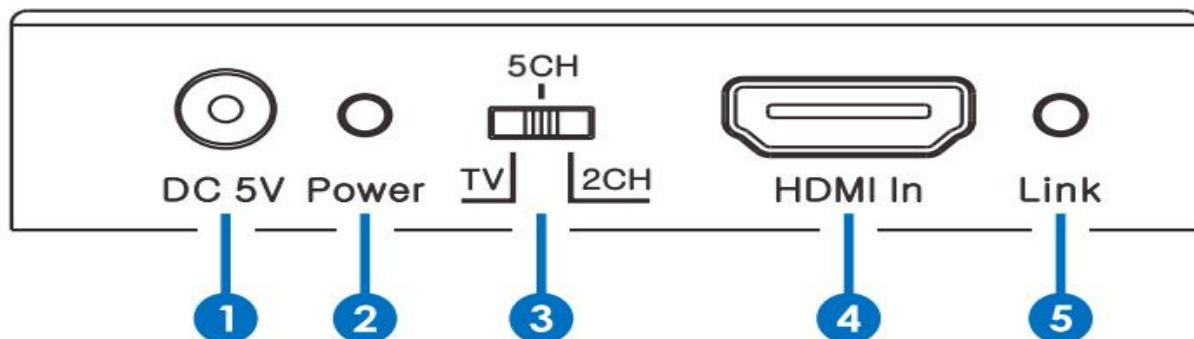# JTD-322 JTD18G-H5CH GUIDE

JTD-322 JTD18G-H5CH GUIDE

The JTD18G-H5CH audio extractor "extracts" the audio signal from an HDMI input and converts it into a 2 channel L/R analog stereo output or SPDIF optical multi-channel output.

This guide provides the instructions you will need to properly setup, connect and operate your JTD18G-H5CH audio extractor.
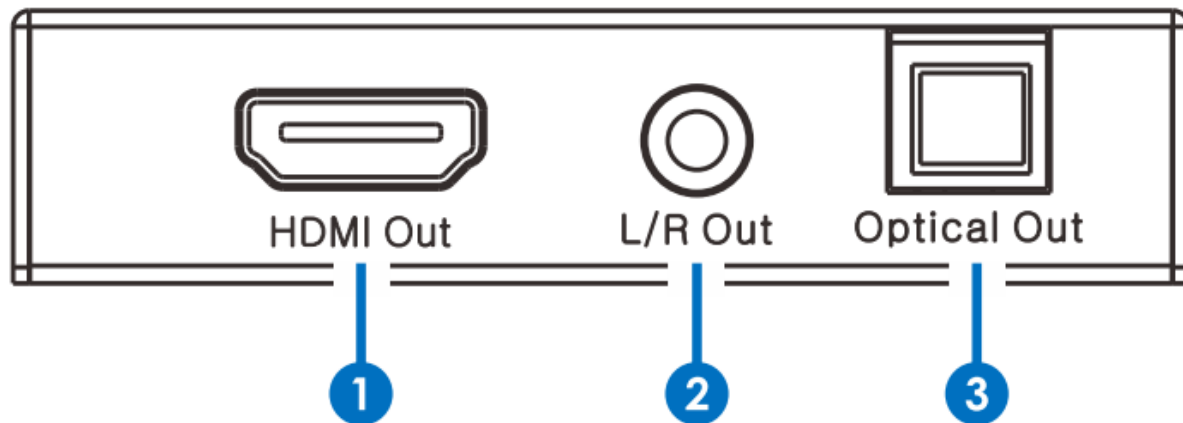
KEY FEATURES

❖ HDMI 2.0b (18Gbps), HDCP 2.2 compliant
❖ Supported resolutions up to 4K@60Hz (YUV444)
❖ 10bits HDR pass through
❖ Supports HDMI (HBR) audio pass through
❖ Supports CEC bypass
❖ Audio sample rates up to 192kHz

Panel Descriptions

FRONT PANEL

1. **DC 5V:** This unit uses a DC 5V/1A power adapter

2. **POWER LED:** This LED will illuminate to indicate that the unit is receiving power

3. **EDID SWITCH** Allows users to select the audio EDID (Extended Display Identification Data) format according to TV, 5.1 Channel, or 2 CH:

   ❖ **TV:** Bypass or pass-through mode. The audio and video EDID will come from the HDMI output device that is connected to the extractors HDMI output port. (NOTE: This mode will not support Dolby Digital+. When in 5.1CH mode, audio output will only be from the HDMI, and SPDIF output ports. 5.1 will not be supported through the L/R analog output.)

   ❖ **5.1 CH:** This mode relays EDID for 5.1 channel audio from HDMI and SPDIF optical output ports.

   ❖ **LPCM 2CH:** Sends audio EDID requesting that the source device outputs 2CH audio. (NOTE: When in 2CH mode, audio output will only be stereo/PCM from the HDMI, SPDIF, and L/R analog output ports.)

4. **HDMI IN:** This port is used to input a source device for audio extraction. Examples include a Streaming device, Blu-Ray/DVD player, PC/MAC computer, and Set-Top Cable Box.

5. **LINK LED:** This LED will illuminate when an HDMI input signal is detected.

REAR PANEL

1. **HDMI OUT:** Output source HDMI audio/video.

2. **L/R OUT:** Connect to an audio component (speaker, amplifier, etc.) or TV L/R input.

3. **SPDIF/OPTICAL:** Output PCM/2CH or 5.1 Dolby Digital audio formats (NOTE: The SPDIF/Optical output will support PCM/2CH, and 5.1 Dolby Digital audio format. This audio output will not support 5.1 Dolby Digital+.)

Application Description