

## PROHDMIAUDEX11-B HDMI /MHL Audio (SPDIF+R/L) Extractor

PROception

The audio extractor supports 3D, 4KX2, and it allows a HDMI or MHL source input and one HDMI output connected to a HD Display (for example a TV or Projector). It will extract the audio to one SPDIF audio out and a left and right Stereo audio out. This device offers a solution for security, data center control, information distribution, conference room presentation, school and corporate training environments.

### Kit Contents:

- Audio extractor.
- 5V 1A power supply.
- User manual.

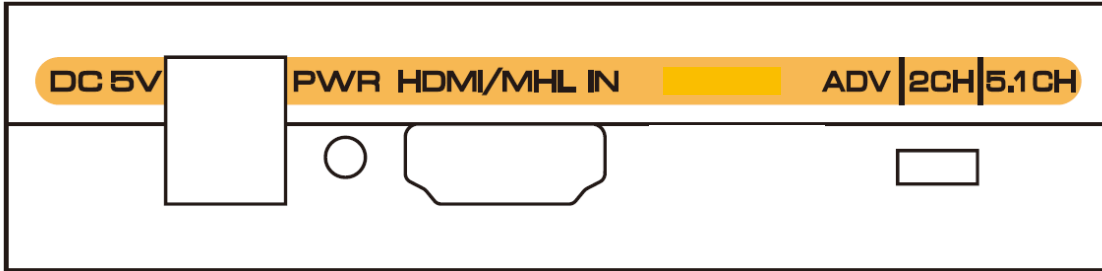
### Features:

- One HDMI MHL input converter to HDMI, SPDIF and one left and right audio out.
- Output audio supports: SPDIF+R/L analog audio output.
- Supports 1080P, 3D and 4K 2K resolution.
- Three audio modes ADV / 2.0CH / 5.1CH options.
- LED indication when source or sink is active.
- Easy to install.



### Instructions:

1. Use a high quality HDMI cable (we suggest PROception HDMI leads) to connect the HD source with the HDMI input port of the converter or use one MHL TO HDMI Cable to connect the MHL compatible device with the HDMI input port of the extractor.
2. Use a HDMI cable to connect the extractor's HDMI output port with the HD Display.
3. Use a phono audio cable to connect the extractor R/L port with the audio equipment.
4. Use an optical cable to connect the SPDIF port with the audio equipment.
5. Connect the extractor with the 5V DC power adapter (supplied).



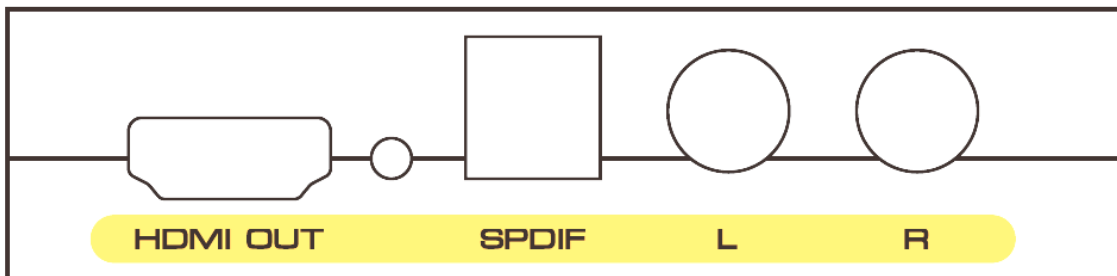
**DC5V:** 5V DC power input.

**PWR:** Power LED status light.

**HDMI/MHL IN:** HDMI/MHL dual mode input ports.

**Switch button for Audio output mode:** Choose between 5.1CH, 2.0CH, ADV (Advance Audio) output mode via the switch:

- When switching to 5.1CH audio output, the digital audio signal receiving device must support DTS/DOLBY-AC3 decoding.
- When audio output is switched to ADV [Advance Audio] mode, the audio output format will be decided by the audio device and its audio decoding ability.



**HDMI OUT:** HDMI output interface.

**GREEN LED:** HDMI output led status light.

**SPDIF:** SPDIF optical output.

**L/R:** Analog soundtrack (L/R) output.

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**Trouble Shooting:**

<b>Issue</b>	<b>Resolution</b>
<b>No power Connected</b>	Check if the power adapter is plugged into the power socket. Check the power switch is on.
<b>No Picture</b>	Make sure that the TV is on and is connected to the device. Check if the signal source is on and correctly connected. Check the system connection quality. Check the cable quality (we recommend PROception HDMI cables with this device).
<b>Obscure Picture</b>	Reconnect the cable to ensure a solid connection and check HDMI cable quality.
<b>No sound</b>	Confirm the setting position of the audio mode switch.

**Specifications:**

HDMI resolution	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support video color format	24bit/deep color 30bit,36bit
Audio output	L/R+SPDIF
Max bandwidth	300MHz
Max baud rate	9.0Gbps
Input/Output TMDS signal	0.5~1.5Volts p-p(TTL)
Input/Output DDC signal	5Volts p-p (TTL)
Input cable distance	≤15m AWG26 HDMI standard cable
Output cable distance	≤20m AWG26 HDMI standard cable
Max working current	500mA
Power adapter format	Input: AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A
Operating Temperature range	(-10 to +55°C)
Storage Temperature range	-20 to +60°C
Operating Humidity range	10 to 90%RH (No Condensation)
Storage Humidity range	5 to 95%RH (No Condensation)
Dimension (L x W x H)	84.5X61.8X21 (mm)
Weight	135g