

PRO-SIGNAL



**HDMI ARC Audio Down-mixer
PSG4362**

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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Introduction

The HDMI ARC audio down-mixer can extract audio signal from ARC enabled HDTV to 2 channel analogue stereo audio output, for audio receiver/ amplifier/headphone applications. It supports PCM2.0/Dolby5.1 /DTS5.1 audio downmixing. TV remote can control the volume via CEC function.



DOLBY
AUDIO

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Features

- HDMI 1.3 compliant
- Input: HDMI x 1;
Output: 3.5mm L/R x1, RCA x 2
- ARC Enabled: Extract audio signal from ARC (Audio Return Channel) enabled HDTV to analogue stereo output, for audio receiver/amplifier/head phone applications
- Support PCM 2.0, Dolby 5.1, DTS 5.1 audio downmix to 2 channel stereo audio output
- Support CEC function (TV remote can control the volume)

Package Contents

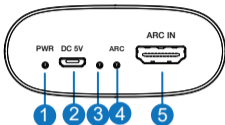
- 1× HDMI ARC Audio Down-mixer
- 1× USB Cable (USB-A to Micro USB)
- 1× User Manual

Specifications

Technical	
HDMI Compliance	HDMI 1.3 or above
V _{max}	2V _{rms}
SNR	>90dB
THD+N Ratio	<0.1% (V _{max}) 0.001%~0.01% (V _{best})
Crosstalk	>80dB
Frequency Response	20Hz~20kHz±1dB
HDMI Audio Formats	PCM 2.0, Dolby 5.1, DTS 5.1
L/R Audio Formats	Analogue Stereo 2CH
Connection	
Inputs	1x HDMI Type A [19-pin female] 1x Micro USB
Outputs	1x L/R Audio Out [RCA] 1x 3.5mm L/R
Mechanical	
Housing	Aluminium Enclosure
Colour	Silver
Dimensions	70mm[W] x 65mm[D] x 27mm[H]
Weight	80g
Power Supply	USB 5V/500mA
Power Consumption	0.86W (Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

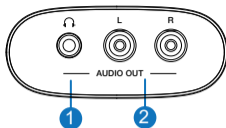
Operation Controls and Functions

Left Panel



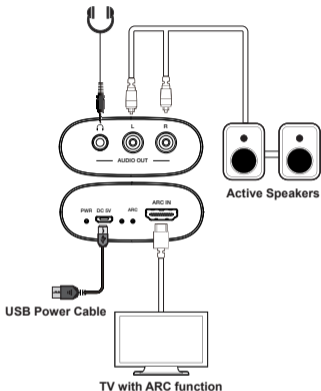
No.	Name	Function Description
1	Power LED	When the device is powered on, red LED will be on.
2	DC 5V	DC 5V power supply port.
3	Audio Decoding LED	Red illuminate: PCM decoding or No signal Red blinking: Dolby decoding Green blinking: DTS decoding
4	ARC LED	On: ARC IN port is connected to active signal Off: No signal
5	ARC IN	HDMI video input port. Connect to TV with ARC function.

Right Panel



No.	Name	Function Description
1	Stereo AUDIO OUT	3.5mm stereo audio output port. Connect to headphone or amplifier.
2	RCA AUDIO OUT	RCA audio output port. Connect to amplifier or speaker.

Connection Diagram



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.

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PO Box 13362 Dublin 2
PR2 9PP