LogiLink®

4K 4x2 HDMI™ Matrix Switch
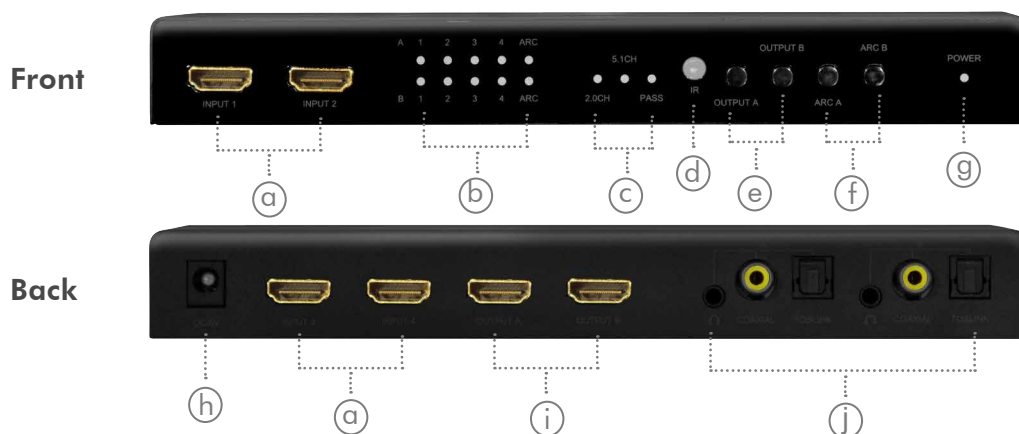ARC, Downscaler, 4K/60 Hz

Art. No.: **HD0049**

This high performance 4K HDMI Matrix Switch with IR remote can switch any of four HDMI sources to two HDMI displays; resolution up to 4K@60 Hz and is HDCP 2.2 compliant. Features 4K to 1080p downscale function, ARC and Audio Extraction.
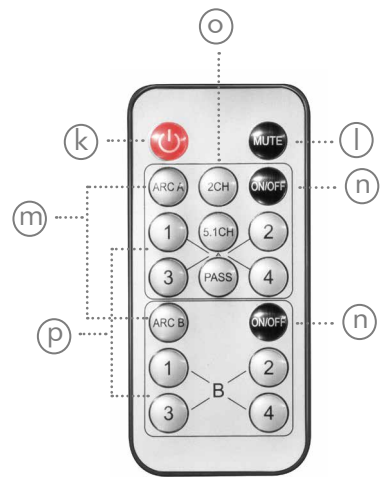
Features:
» Connects four HDMI sources to two HDMI displays at the same time
» Resolution up to UHD 4K@60 Hz (YUV 4:4:4) and Full 3D
» Bandwidth: 6 Gbps/600 MHz per Channel (18 Gbps total)
» Supports HDCP 2.2
» Supports DDC, HDR, CEC and Downscale function
» Supports 12bit per channel (36bit all channels) deep color
» Supports audio output simultaneously: Stereo, Toslink and Coaxial
» Audio channels are selectable via remote control
» Both output ports supports Audio Return Channel (ARC) and audio extractor function
» Supports uncompressed audio such as LPCM
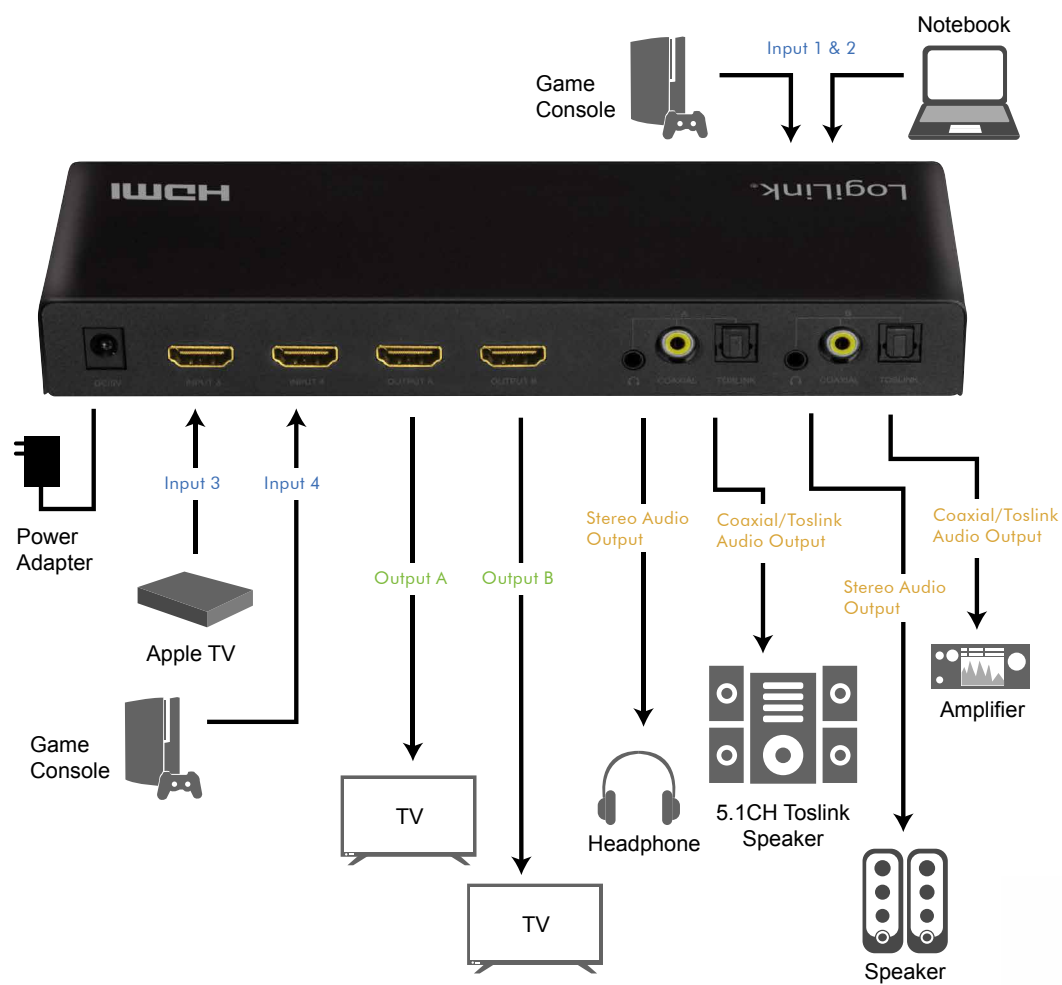» Supports compressed audio such as DTS, Dolby Digital (including DTS-HD Master Audio™ and Dolby TrueHD)

Front

Back

(a) HDMI input 1 to 4 port

(b) A 1-4: output A port selected input 1 to 4 LED indicators
B 1-4: output B port selected input 1 to 4 LED indicators
ARC: ARC Mode On/off LED Indicator

(c) 2.0CH/5.1CH/PASS output mode LED indicators

(d) IR signal receiver port

(e) Output A/B switch button

(f) ARC turn on/off button for output A/B

(g) Power LED indicator

(h) DC 5 V Input

(i) HDMI output A/B port

(j) Stereo/Coaxial/Toslink audio output ports

(k) Power button

(l) MUTE: turn off/on the extract audio

(m) ARC A/B: turn off/on the Audio Return Function (ARC) for OUTPUT A/B port

(n) ON/OFF: Turn on or off the video source that connected to corresponding output

(o) 2CH/5.1CH/PASS: select the extract audio channels

(p) Number 1, 2, 3, 4: select the corresponding video source for each output

4 IN 2 OUT Matrix

Easily send any of 4 HDMI inputs to output A and/or output B. Two outputs' videos can be different or the same. Ideal for home theater, office, school, conference room, shopping mall, hotel or museum.
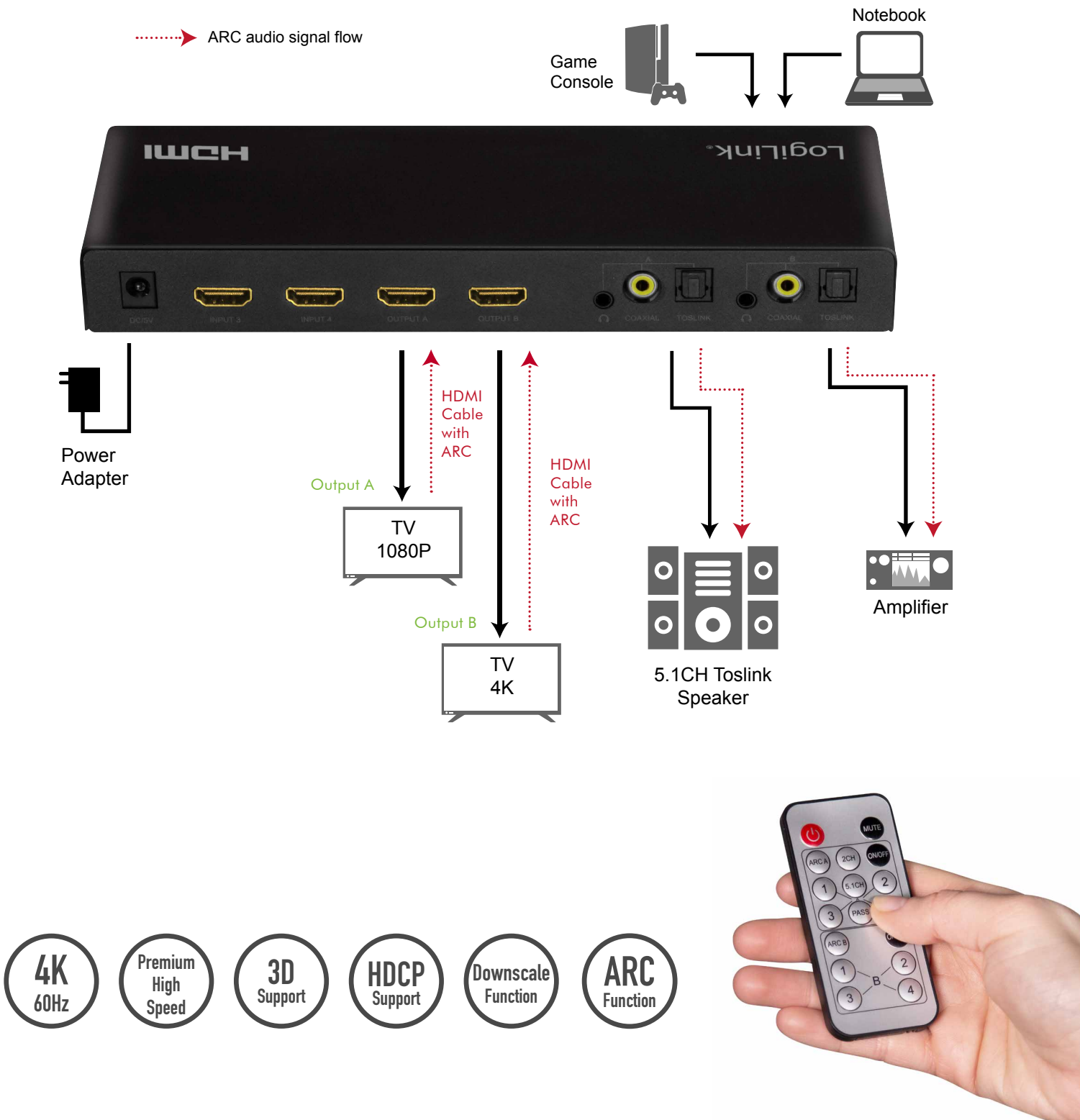
Audio Return Channel (ARC)

With the ARC buttons on the device, you can configure the ARC channel fed by TV (with ARC support). Great for reduceing your cable clutter and simplify your installation.

4K-to-1080P Downscaling

Route your 4K video sources to 4K displays and 1080p displays simultaneously via downscaling. Mixed output resolutions offer you the flexibility to distribute your display.

- - - - - ▶ ARC audio signal flow

Notebook

Game Console

HDMI

LogiLink®

Power Adapter

HDMI Cable with ARC

HDMI Cable with ARC

Output A

TV 1080P

Output B

TV 4K

5.1CH Toslink Speaker

Amplifier

4K 60Hz | Premium High Speed | 3D Support | HDCP Support | Downscale Function | ARC Function

Specifications:

Input Ports	4x HDMI-A female, 1x DC power jack
Output Ports	2x HDMI-A female, 2x Coaxial, 2x SPDIF (Toslink), 2x stereo jack
HDMI Version	2.0
HDCP Version	2.2
HDMI ARC	Yes
HDMI HDR	Yes
Output Resolution	480i/60 Hz, 576i/50 Hz, 1080i/50/60 Hz, 480p/60 Hz, 576p/50 Hz, 720p/50/60 Hz, 1080p/24/25/30/50/60 Hz, 4K@24/25/30 Hz, 4K@50/60 Hz
Video Bandwith	6 Gbps/600 MHz
3D Supporting	Yes
Input and output DDC signal	Yes
SPDIF Interface	Yes
Switch	Manual Switch for output
Chassis Material	Metal
LED Indicator	Yes
IR Remote Support	Yes
Power Consumption	5 W max.
Power Supply	5 V/2 A
Uncompressed Audio	LPCM 7.1
Compressed Audio	HDMI: DTS-HD Master Audio™, Dolby TrueHD SPDIF: Coaxial:DTS/Dolby Digital Coaxial: DTS/Dolby Digital
Operating Temperature	0°C–70°C
Operating Humidity	10% –85% RH (no condensation)
Storage Temperature	-10°C–80°C
Storage Humidity	5%–90% RH (no condensation)
Dimensions	21x6.6x2.6 cm
Weight	0.34 kg

Specification of External Power Supply:

Input Voltage	100–240 V, 50/60 Hz 0.4 A max.
Output Power	5 V/2 A, 10 W
DC Plug	5.5x2.1 mm
Dimensions	56x40x61 mm
Cable Length	1.2 m
Weight	0.82 kg

Package Contents:
» 1x 4K 4x2 HDMI Matrix Switch
» 1x Power Adapter 5 V/2 A
» 1x Remote Control
» 1x User Manual

Package Information:
» Packing Dimension: 243x196x60 mm
» Packing Weight: 0.6 kg
» Carton Dimension: 505x235x340 mm
» Carton Q'ty: 10 pcs
» Carton Weight: 6.6 kg

HD0049

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