

AT-ROND-H2214
Specification Sheet
Rondo 1x4 Distribution Amplifier

Description

The AT-ROND-H2214 is a 1x4 HDMI distribution amplifier that sends a single HDMI source to four displays at the same time. Part of the Rondo family, it supports 18 Gbps bandwidth, full HDMI 2.0, and HDCP 2.2 with video resolutions up to 4K@60Hz 4:4:4, plus HDR.

Simultaneous routing to 4K and 1080p displays is supported through downscaling, and three EDID handling modes (Copy, Auto, and Mixed) are selected with a switch on the unit. The AT-ROND-H2214 supports LPCM 7.1, Dolby® TrueHD, Dolby Digital® Plus, and DTS-HD® Master Audio™ and is powered by the included 5V/1A AC adapter.

Applications

Classrooms

- Send an instructor laptop to a projector and a confidence monitor at the same time.

Conference Rooms

- Show presentation content on the main display and on additional displays in the room.

Digital Signage

- Feed one media player to four displays.

Key Features

- Simultaneously displays a 4K source on four displays.
- Supports resolutions up to 4K@60Hz 4:4:4.
- Simultaneous routing to 4K and 1080p displays through downscaling.
- Three EDID handling modes: Copy, Auto, and Mixed.
- Supports HDCP 2.2/1.4 and HDR.
- 18 Gbps bandwidth.
- Supports LPCM 7.1, Dolby® TrueHD, Dolby Digital® Plus, and DTS-HD® Master Audio™.

Specifications

Video	
Signal Input	HDMI
Signal Output	HDMI
HDMI Compliance	HDMI 2.0
Copy Protection	HDCP 2.2 / 1.4
Bandwidth	18 Gbps
Resolution	Up to 4K@60Hz 4:4:4
HDR	Supported (Copy EDID and Mixed EDID modes)
Downscaling	4K to 1080p for a connected 1080p display
EDID Modes	Copy, Auto (default 4K@60Hz), Mixed

Audio	
Formats	LPCM 7.1, Dolby® TrueHD, Dolby Digital® Plus, DTS-HD® Master Audio™

Connectors	
HDMI IN	1× HDMI Type A, 19-pin female
HDMI OUT	4× HDMI Type A, 19-pin female
DC/5V	1× DC power jack (5V)
Firmware	1× firmware port

Cable	Maximum Distance	Note
HDMI	49 ft (15 m)	Standard HDMI cable (26 AWG)

Power	
Power Supply	5V/1A AC adapter (included)
Consumption	2 W (max)

Environmental	Fahrenheit	Celsius
Operating Temperature	+23° to +104°F	-5° to +40°C
Humidity (RH)	5% to 90%, non-condensing	

Dimensions (L × W × H)	Inches	Millimeters
Unit	5.9 × 2.5 × 0.7 in.	150 × 64.2 × 17 mm

Weight	Pounds	Kilograms
Device	0.54 lbs	0.245 kg

Package Contents	
Included	1× AT-ROND-H2214 1× 5V/1A AC adapter

Certifications	
Regulatory	FCC, CE, RoHS

Warranty	
Device	To view the product warranty, visit: hallresearch.com/warranty

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