

# Atlona HDBaseT Distribution Amplifier Family



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AT-HDCAT-8ED

## DAs for Every Space and Every Budget

Distribution amplifiers send audio and video from one source to many displays. Our HDMI-over-category-cable DAs reach longer distances while keeping installation and upgrade simple. They have fallback solutions should a power supply or source fail, so they're more reliable. This family includes value models with the same powerful features for more compact spaces.

Atlona Advantages	
<b>GO FARTHER</b> HDBaseT distributes up to 328 ft (100 m). Value models use HDBaseT for transmission up to 230 ft (70 m)	<b>S/PDIF DIGITAL AUDIO CONNECTION</b> for home theater systems
<b>POWER OVER CATEGORY CABLE (PoCc)</b> eliminates the need for a power supply at the receiver	<b>HDMI LOOP-OUTS</b> for cascading or local monitoring
<b>NO-FAIL</b> Two auto-switched HDMI inputs change over should one source fail, plus redundant power supply in case of power supply failure	<b>EDID MANAGEMENT</b> for compatibility with multiple monitor types
<b>UPGRADE IN THE FIELD</b> The USB port means firmware can be upgraded in the field to save time and money	<b>SUPPORT</b> for eight or four zones
<b>BALANCED ANALOG AUDIO OUTPUTS</b> with captive-screw terminations for easier and more reliable connections and cleaner racks	<b>3D PASS-THROUGH</b> lossy and lossless audio pass-through (up to Dolby TrueHD or DTS-HD Master Audio)

## Atlona 2 x 8 HDMI to HDBaseT Distribution Amplifier



AT-HDCAT-8

## Atlona 2 x 4 HDMI to HDBaseT Distribution Amplifier



AT-HDCAT-4

### Family Comparison Chart

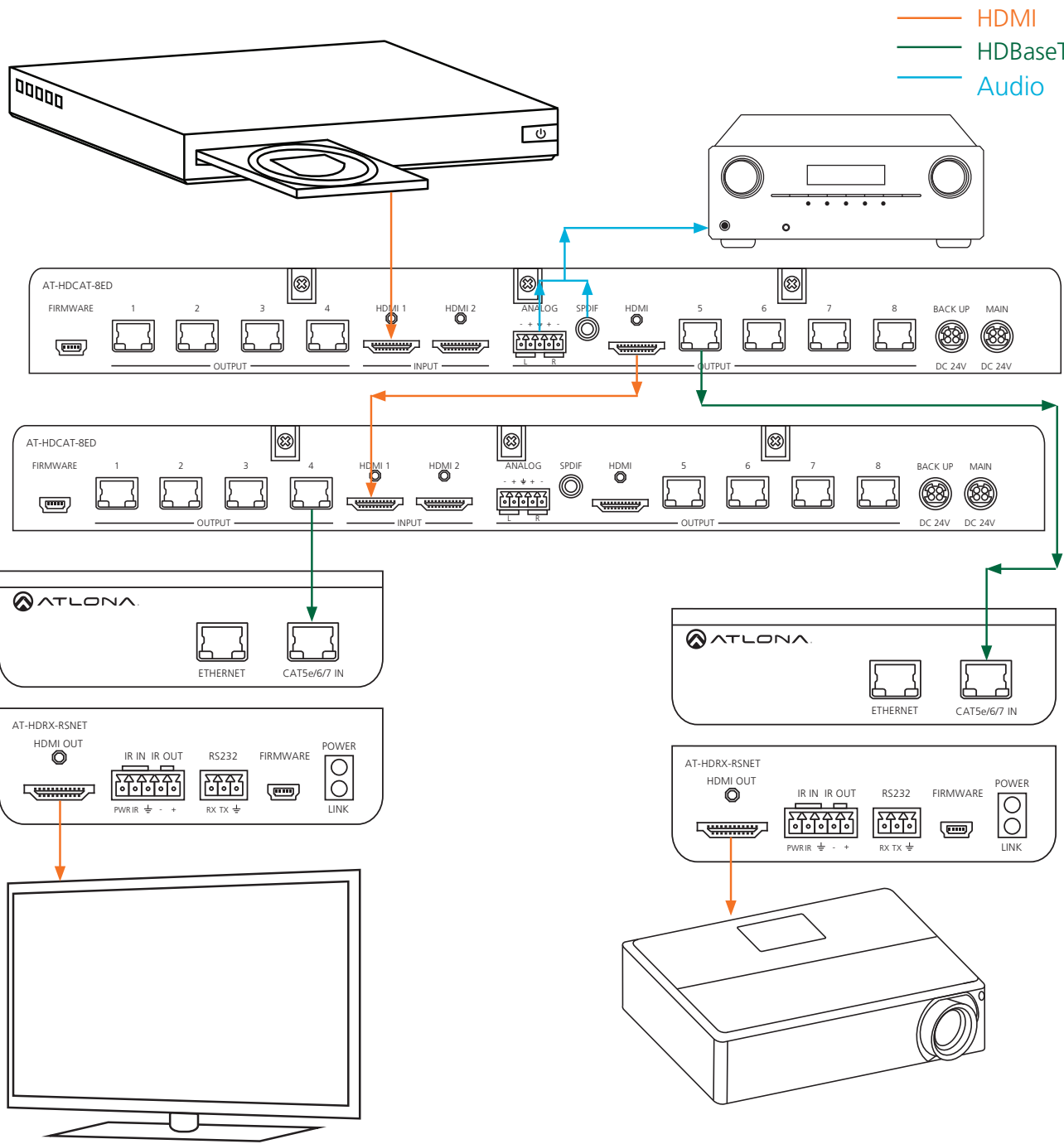
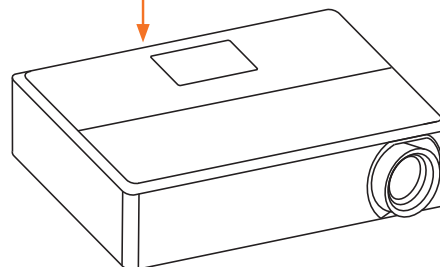
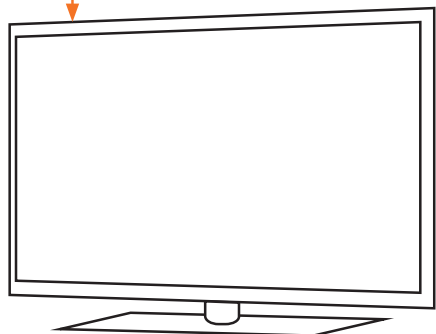
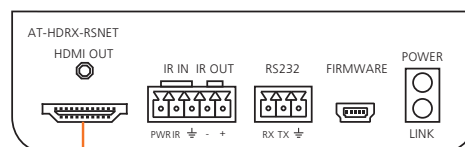
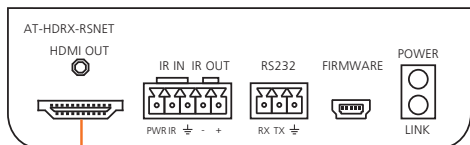
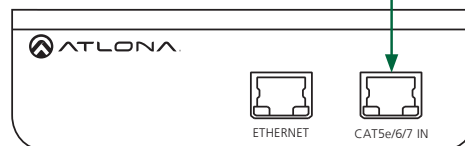
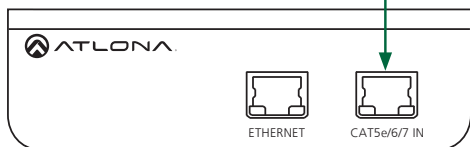
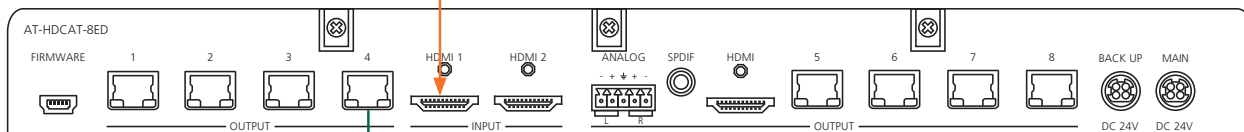
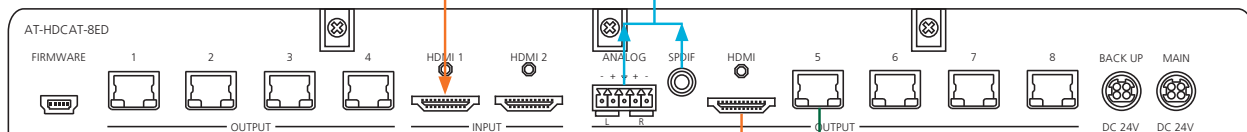
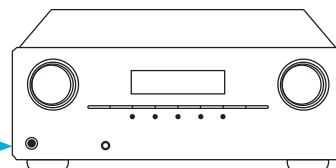
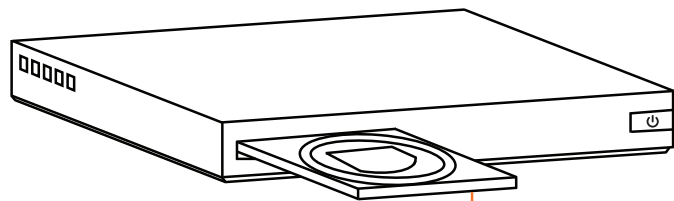
SOLUTIONS	PoCc	100 m max (HDBaseT)	70 m max (HDBaseT)	Outputs	Recommended Receivers
AT-HDCAT-8ED	x	x		8	AT-HDRX-RSNET
AT-HDCAT-8	x		x	8	AT-HDRX
AT-HDCAT-4	x		x	4	AT-HDRX

### Specifications

<b>BANDWIDTH</b>	6.75Gbps		
<b>PORTS</b>	<b>HDCAT-8ED</b>	<b>HDCAT-8</b>	<b>HDCAT-4</b>
Video input	2 x HDMI	2 x HDMI	2 x HDMI
Video output	8 x RJ45, 1 x HDMI	8 x RJ45, 1 x HDMI	4 x RJ45, 1 x HDMI
S/PDIF Audio	1 x RCA	1 x RCA	1 x RCA
Analog audio	1 x captive screw	1 x captive screw	1 x captive screw
Firmware update	1 x USB	1 x USB	1 x USB
<b>POWER CONSUMPTION</b>	93W	93W	47W
<b>AUDIO</b>	Passes up to Dolby TrueHD or DTS-HD Master Audio		
<b>DISTANCE</b>	328 ft (100 m) @1080p	230 ft (70 m) @1080p over Cat6a/7 197 ft (60 m) @ 1080p over Cat5e/6	230 ft (70 m) @1080p over Cat6a/7 197 ft (60 m) @ 1080p over Cat5e/6
<b>RESOLUTION</b>	Video: up to 1080p@60Hz VESA: up to 1920x1200		
<b>DIMENSIONS (HXWXD)</b>	1.7 x 17.24 x 10.3 (in.) without feet 38 x 438 x 261.5 (mm)		
<b>RACK SIZE</b>	1 U, 19 in. standard electronics rack		
<b>WEIGHT</b>	6.38 lb. (2.99 kg)	6.38 lb. (2.9 kg)	6.3 lb. (2.86 kg)
<b>TEMPERATURE</b>	Operating: 32°F to 104°F (0°C to 40°C) Storage: -4°F to 140°F (-20°C to 60°C)		
<b>CERTIFICATIONS</b>	CE, FCC, RoHS, UL, cULus for power supplies		

# System Connection Diagram

- HDMI
- HDBaseT
- Audio



## Related Products

### Double Duty

With two HDMI inputs and analog and digital audio outputs, our HDCAT DAs do more than any ordinary distribution amplifier: for a system with more than one display, these distribution amplifiers can act as small switchers.

For HDCAT 8ED we recommend our HDRX-RSNET receiver. For HDCAT 8 and 4 we recommend our HDRX receiver.

### Atlona HDBaseT RX HDMI Box



AT-HDRX

### Atlona HDBaseT RX HDMI Box w/Ethernet, RS-232, and IR



AT-HDRX-RSNET