

# 1 x 2 HDMI Splitter Over Single CAT.X

Part # AV-BAHDMICS1



## KEY FEATURES

- Supports analogue audio output.
- Supports default HDMI EDID and has the ability to learn the EDID of displays.
- Extends up to 15m (50ft) of input HDMI cable.
- Extends up to 15m (50ft) of output HDMI cable.
- Extends up to 60m (200ft) (720p / 1080i) of output CAT.X cable.
- Extends up to 40m (130ft) (1080p) of output CAT.X cable.
- Minimises the cable skew by adjustable 8-level equalisation control.
- Pure unaltered uncompressed 7.1ch digital HDMI over UTP.
- Allows cascading.
- Perfectly integrated with other HDMI over CAT.X series products.

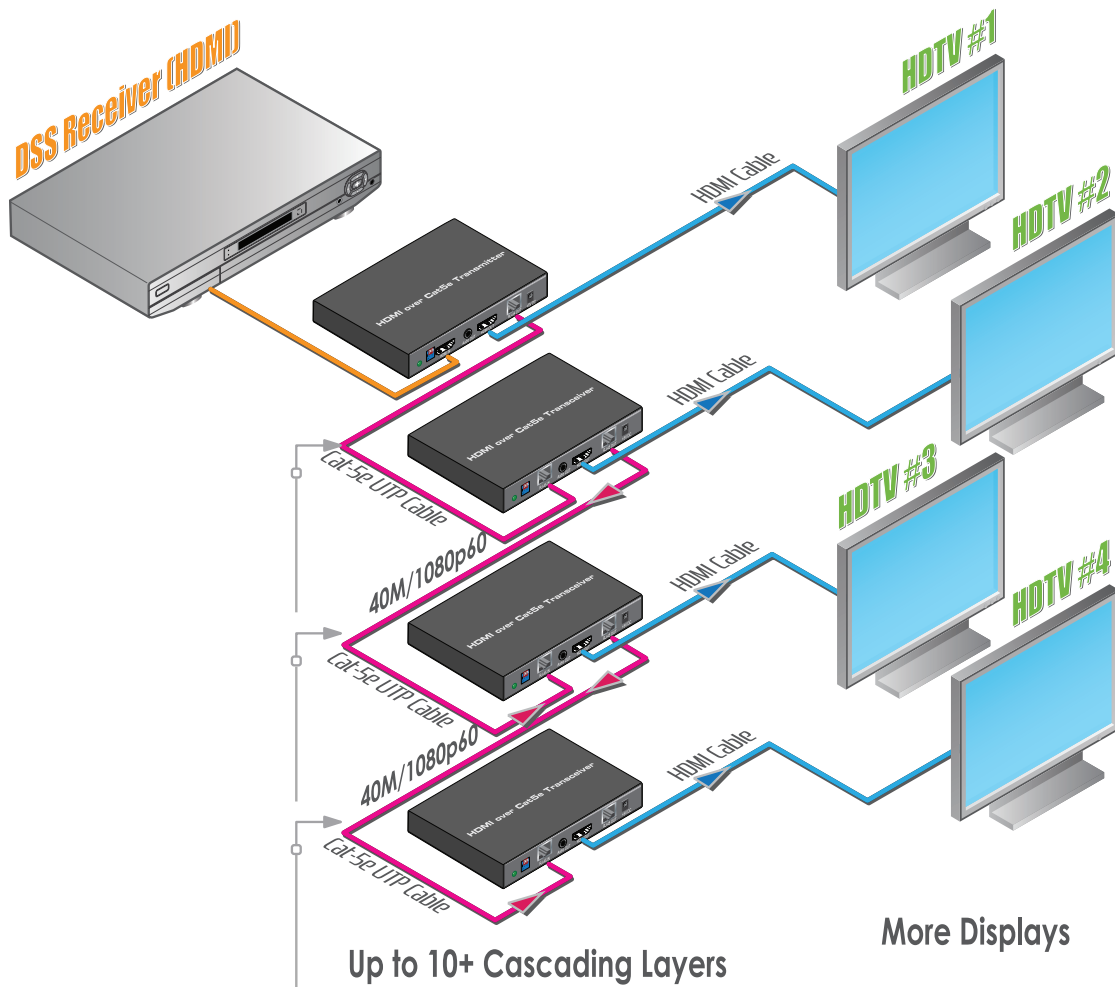
## Kit Contents

- 1 x AV-BPHDMICS1
- 1 x Power Adaptor
- 1 x Instruction Manual

Specifications	AV-BPHDMICS1
<b>TECHNICAL</b>	
Roll of Usage	1 x 2 Distribution Amplifier (Splitter) Transmitter [TX]
HDMI Compliance	High Speed HDMI - Deep Colour & 3D Support
HDCP Compliance	Yes
Video Bandwidth	Single-Link 225MHz [6.75Gbps]
Video Support	480i / 480p / 720p / 1080i / 1080p60 up to 36-bit colour
Transmission over UTP cable (24-bit)	Full HD (1080p) - 40m [CAT.5e] / 50m [Cat6] HD (720p / 1080i) - 50m [CAT.5e] / 60m [Cat6]
Audio Support	Surround Sound (Up to 7.1ch) or stereo digital audio
Signal Equalisation	N/A
Input TMDS signal	1.2 Volts [peak-to-peak]
Input DDC signal	5 Volts [peak-to-peak, TTL]
ESD protection	[1] Human Body Model ± 19kV [air-gap discharge] & ± 12kV [contact charge] - [2] Core Chipset ± 8kV
PCB stack-up	4-layer board [impedance control - differential 100Ω; single 50Ω]
Input	1 x HDMI
Output	1 x HDMI + 1 x RJ45 + 1 x 3.5mm audio socket
HDMI connector	Type A [19-pin female]
RJ45 connector	WE/SS 8P8C with 2 LED indicators
3.5mm connector	Earphone Jack for Stereo Audio
DIP Switch	2-pin for EDID learning and audio setting modes
Rotary Control Switch	None
<b>MECHANICAL</b>	
Housing	Metal Enclosure
Dimensions [L x W x H]	180 x 107 x 27mm [7.1" x 4.2" x 1.1"]
Weight	515g 1000g
Fixedness	Wall-Mounting Case
Power Supply	5V 4A DC
Power Consumption	6 Watts [max]
Operation Temperature	0-40°C
Storage Temperature	-20-60°C
Relative Humidity	20-90% RH [no condensation]

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**Unprecedented Cascadability**  
Allows 10+ units cascading for pure digital  
uncompressed, unaltered, video & 7.1ch  
audio HDMI transmission