HDMI Splitter

TC-HDMI12 EU SAP: 4272586 US SAP: 12939502

vav.link/tc-hdmi12

1:2 HDMI distribution amplifier
4K @ 60 Hz
HDMI v2.0 with EDID management

This functional amplifier splits the signal from one source – such as a PC or BluRay player – into two outputs for two displays. Applications include digital signage, meeting rooms, lecture theatres, home cinemas – anywhere you need to duplicate an HDMI signal.

Supports 3D
As an HDMI v2.0 device it supports 4K at 60Hz, and can support 3D.

HDCP 2.2
Features HDCP (copy protection) management which continuously authenticates HDCP encryption between all devices, ensuring simultaneous distribution of source content to all displays.

EDID Management
EDID is when the source "asks" the display what resolution it is, and outputs that resolution. If the resolutions of the two displays vary it can cause EDID handshake issues. This can be overcome by using the DIP switches on this splitter to fix the resolution; the splitter tells the source to output a resolution that might not match the displays, but most displays can accept and scale a resolution the same or less than their native resolution.

15m (50') Output
Supports a signal transmission distance of up to 15 metres at 4K/12-bit colour when used with a standard Vision 15 metre cable. Note: distance can vary depending on signal resolution, cable quality, graphics card, and display.

Noise Reduction
This distribution amplifier ensures signal integrity by equalizing and regenerating the incoming signal. It reshapes marginal or noisy HDMI signals eliminating noise and reducing jitter from marginal HDMI sources, ensuring a strong, stable digital signal.

Trouble-Shooting Indicators
If the output LEDs are on the displays are connected and powered on. If they are off the displays are either not connected or not powered on. If the LEDs are flashing you have an EDID issue.

VISION

MANUAL

Manual
EN PDF 1.88 MB
files.visionaudiovisual.com/products/TC-HDMI12/manuals/TC-HDMI12_manual_en.pdf

IMAGE

Product Images
ZIP 10.72 MB
files.visionaudiovisual.com/products/TC-HDMI12/images/TC-HDMI12.zip

Supply Unit
JPEG 2.76 MB
files.visionaudiovisual.com/products/TC-HDMI12/images/TC2-P5V2A-Power-Supply-Unit.jpg

Rear
PNG 1.20 MB
files.visionaudiovisual.com/products/TC-HDMI12/images/TC-HDMI12_rear.png

Product Images
PNG 1.17 MB
files.visionaudiovisual.com/products/TC-HDMI12/images/TC-HDMI12.png

Front
PNG 1.45 MB
files.visionaudiovisual.com/products/TC-HDMI12/images/TC-HDMI12_front.png

SPECIFICATIONS

PRODUCT DIMENSIONS
101 x 59.5 x 17 mm / 3.98" x 2.34" x 0.67" (length x width x height)

PACKAGED DIMENSIONS
155 x 117 x 77 mm / 6.1" x 4.61" x 3.03"

PRODUCT WEIGHT
0.16 kg / 0.35 lb

PACKAGED WEIGHT
0.42 kg / 0.93 lb

CONSTRUCTION MATERIAL
Metal

COLOUR
White

VIDEO AMPLIFIER BANDWIDTH
18 Gbps

INPUT VIDEO SIGNAL
0.5-1.2 volts p-p (TMDS)

INPUT DDC SIGNAL
5 volts p-p (TTL)

MAXIMUM VIDEO FORMAT SUPPORTED
4K @ 60Hz, Deep Colour, Lip Sync

OUTPUT VIDEO
HDMI 2.0

MAXIMUM AUDIO FORMAT SUPPORT
Direct Stream Digital and HD (HBR)

ESD PROTECTION
± 4kV (contact discharge through human body)

OPERATING TEMPERATURE RANGE
-0 to +35°C (-41 to +95 °F)

OPERATING HUMIDITY RANGE
10 to 90 % RH (no condensation)

POWER CONSUMPTION
5 Watts (max.)

INPUTS
1 x HDMI (type A)

OUTPUTS
2x HDMI (type A)

POWER SUPPLY
100-240v 50/60Hz AC 5 volt / 1 amp

TRANSFORMER INTEGRATED INTO PLUG

INCLUDES INTERCHANGEABLE PLUGS
UK/EU/US/AU

DC TAIL LENGTH
1.8m

TRANSFORMER DIMENSIONS
66 x 43 x 32mm / 2.6" x 1.69" x 1.26"

WARRANTY
Lifetime return-to-base

COMPLIANCE
RoHS, WEEE, CE/EMC, FCC, RCM-SDOC, IEC

REPLACEMENT POWER SUPPLY
TC2 P5V2A [EU SAP: 2940996/ US SAP: 13445529]

VISION