1T-DA-678

HDMI Distribution Amplifier

Key Features

- HDMI v1.4, HDCP 1.1 and DVI 1.0 Compliant
- Allows distribution of 8 Outputs
- 3D video resolution support (Frame Pack, Side/Side)
- Supports 10/12-bit Color Depth Display
- Supports PC resolutions to WUXGA / 4kx2k@30Hz
- Supports HDTV resolutions to 1080p60
- Supports SDTV resolutions of 480i and 576i
- Optional HDMI to DVI Adaptors for DVI support
- Signal Equalization feature enables longer cable runs
- Supports Automatic **Discovery of Monitor EDID**

Specifications

Video Inputs HDMI Video Outputs

HDMI General Video Bandwidth Color Depth

Maximum PC/DVI Resolutions Maximum HDTV/UHD Formats

Compliance Signal Equalization

Maximum Distances

Source to DA

DA to Display

Warranty Limited Warranty 1x via HDMI Connector

8x via HDMI Connector

300MHz/9Gbps

10/12-bit Color Depth Display WUXGA@60Hz 1080p60, 2560×1600@60, 3840x2160@30, 4096x2160@24 HDMI V1.4, HDCP V1.1, DVI V1.0 Internal

20m (60') for 1080p/8-bit, 15m (45') for 1080p/12-bit 15m (45') for 1080p/8-bit, 10m (30') for 1080p/12-bit

3 Years Parts and Labor

Power Requirement External Power Supply Mechanical Dimensions ($H \times W \times D$)

Weight

Environmental

Operating Temperature **Operating Humidity** Storage Temperature Storage Humidity

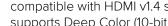
Regulatory Approvals HDMI DAs

Power Supply

Accessories Included 1x AC Power Adapter 1x Instruction Manual 4 x Rubber Feet

Rack Ear Set Product Item Number 1T-DA-678

1x8 HDMI DA



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Overview

devices capable of receiving and/or displaying such signals. The product is compatible with HDMI v1.4 specifications; a cutting-edge technology that supports Deep Color (10-bit and 12-bit) video in addition to 3D video resolutions (Frame Packing, Side by Side). SDTV resolutions 480i/576i, HDTV resolutions to 1080p and UHD 4k resolutions to 4096x2160@24Hz are also supported along with the HDCP standard. In addition, the HDMI DA exhibits high bandwidth (up to 300MHz - 9Gbps) and provides signal amplification and equalization for high performance processing of audio and video allowing signals to travel great distances without quality loss. DVI 1.0 format is supported (using cable adapters) and the product provides automatic discovery of monitor EDID. A screw on power adapter cable prevents inadvertent disconnection of power and, as a bonus feature; all HDMI outputs can be cascaded.

Provides 8 independent outputs from a single HDMI input for distribution to



5VDC@3A

2kg (4.4 lbs.)

FCC, CE, RoHS

US, UK or Euro

44 x 436 x 150mm (1.7" × 17.2" × 5.9")

0° to +40°C (+32° to +104°F)

0° to +60°C (+32° to +140°F)

20% to 90%, Non-condensing

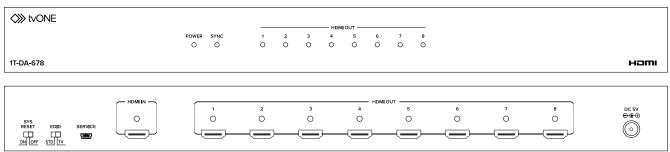
20% to 90%, Non-condensing

UL, CUL, CE, PSE, GS, RoHS

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Panel Drawings

Front



Back

