

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



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Overview

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

Specifications

Video Inputs

HDMI 1x via HDMI Connector

Video Outputs

HDMI 8x via HDMI Connector

General

Video Bandwidth 300MHz/9Gbps
Color Depth 10/12-bit Color Depth Display
Maximum PC/DVI Resolutions WUXGA@60Hz
Maximum HDTV/UHD Formats 1080p60, 2560x1600@60, 3840x2160@30, 4096x2160@24
Compliance HDMI V1.4, HDCP V1.1, DVI V1.0
Signal Equalization Internal

Maximum Distances

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

Warranty

Limited Warranty 1 Year Parts and Labor

Power Requirement

External Power Supply 5VDC@3A

Mechanical

Dimensions (H x W x D) 44 x 436 x 150mm (1.7" x 17.2" x 5.9")
Weight 2kg (4.4 lbs.)

Environmental

Operating Temperature 0° to +40°C (+32° to +104°F)
Operating Humidity 20% to 90%, Non-condensing
Storage Temperature 0° to +60°C (+32° to +140°F)
Storage Humidity 20% to 90%, Non-condensing

Regulatory Approvals

HDMI DAs FCC, CE, RoHS
Power Supply UL, CUL, CE, PSE, GS, RoHS

Accessories Included

1x AC Power Adapter
1x Instruction Manual
4 x Rubber Feet
Rack Ear Set

Product Item Number

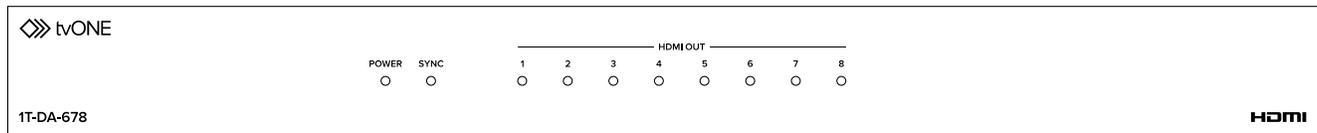
1T-DA-678 1x8 HDMI DA

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HDMI Distribution Amplifier

Panel Drawings

Front



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