

**1T-DA-652 HDMI Distribution Amplifier** provides 2 outputs from a single HDMI input for distribution to devices capable of receiving and/or displaying HDMI signals. The 1T-DA-652 is compatible with HDMI v1.3 specifications and provides a cutting-age technology that supports Deep Color (10-bit and 12-bit) video plus new, lossless Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio digital audio. In addition, it exhibits high bandwidth (up to 225MHz - 2.25Gbps) and provides signal amplification and equalization for high performance processing of audio and video allowing the signals to travel great distances without quality loss. Outputs can be cascaded for greater versatility. The 1T-DA-652 can support DVI signals when used in conjunction with DVI to HDMI cable adapters. Using the adapters, PC and HDTV resolutions up to 1920x1200 and 480i through 1080p can be accommodated. Installation is fast and simple: connect input and output cables plus power and the unit is fully functional without any further action required.



## Key Features of the 1T-DA-652

- 2 HDMI Outputs from a single source
- HDMI 1.3, HDCP 1.1, DVI 1.0 Compliant
- Dolby Digital +, Dolby® Digital TrueHD & DTS-HD
- 10/12 bit Color Depth Display
- PC & HDTV resolutions up to 1920x1200, 1080p
- Supports DVI with Optional DVI to HDMI Adaptors
- Signal Equalization feature for longer cable runs
- Locking DC Connectors for security

## Specifications

### Video Inputs

HDMI 1x via HDMI Connector

### Video Output

HDMI 2x via HDMI Connector

### HDMI Transport

Freq. Bandwidth 2.25Gbps (HDMI Single Link)  
Color Depth 10/12 bit Color Depth Display  
PC/DVI resolutions Up to 1920x1200  
HDTV Formats 480p, 576p, 720p, 1080i, 1080p  
SDTV Formats 480i, 576i  
Compliance HDMI V1.3, HDCP V1.1, DVI 1.0  
Signal Equalization Internal

### Maximum Distances

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

### Warranty

Limited Warranty 3 Years Parts and Labor

### Mechanical

Size (H-W-D) 25x100x147mm (0.98"x3.9"x5.8")

Weight (Net) 300g (0.7lbs)

### Environmental

Operating Temp. 0° to +50°C (+32° to +122°F)

Operating Humidity 10% to 90%, Non-condensing

Storage Temperature 0° to +50°C (+32° to +122°F)

Storage Humidity 10% to 90%, Non-condensing

### Power Requirement

Ext. Power Supply 5VDC@2A

### Regulatory Approvals

HDMI DAs FCC, CE, RoHS

Power Supply UL, CUL, CE, PSE, GS, RoHS

### Accessories Included

1x AC Power Adapter US, UK or Euro Type

1x Instruction Manual

### Product Item Number

1T-DA-652 1x2 HDMI DA

## Panel Drawings

