

**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

<b>Video Inputs</b>	
HDMI	1x via HDMI Connector
<b>Video Output</b>	
HDMI	2x via HDMI Connector
<b>HDMI Transport</b>	
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
<b>Maximum Distances</b>	
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
<b>Warranty</b>	
Limited Warranty	3 Years Parts and Labor

<b>Mechanical</b>	
Size (H-W-D)	25x100x147mm (0.98"x3.9"x5.8")
Weight (Net)	300g (0.7lbs)
<b>Environmental</b>	
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
<b>Power Requirement</b>	
Ext. Power Supply	5VDC@2A
<b>Regulatory Approvals</b>	
HDMI DAs	FCC, CE, RoHS
Power Supply	UL, CUL, CE, PSE, GS, RoHS
<b>Accessories Included</b>	
1x AC Power Adapter	US, UK or Euro Type
1x Instruction Manual	
<b>Product Item Number</b>	
1T-DA-652	1x2 HDMI DA

### Panel Drawings

