**Key Features**

- HDMI v1.4, HDCP 1.1 and DVI 1.0 Compliant
- Allows distribution of 4 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**

<table>
<thead>
<tr>
<th>Video Inputs</th>
<th>1x via HDMI Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video Outputs</td>
<td>HDMI 4x via HDMI Connector</td>
</tr>
<tr>
<td>General</td>
<td></td>
</tr>
<tr>
<td>Video Bandwidth</td>
<td>300MHz/9Gbps</td>
</tr>
<tr>
<td>Color Depth</td>
<td>10/12-bit Color Depth Display</td>
</tr>
<tr>
<td>Maximum PC/DVI Resolutions</td>
<td>WUXGA@60Hz</td>
</tr>
<tr>
<td>Maximum HDTV/UHD Formats</td>
<td>1080p60, 2560x1600@60, 3840x2160@30, 4096x2160@24</td>
</tr>
<tr>
<td>Compliance</td>
<td>HDMI V1.4, HDCP V1.1, DVI V1.0</td>
</tr>
<tr>
<td>Signal Equalization</td>
<td>Internal</td>
</tr>
<tr>
<td>Maximum Distances</td>
<td></td>
</tr>
<tr>
<td>Source to DA</td>
<td>20m (60') for 1080p/8-bit, 15m (45') for 1080p/12-bit</td>
</tr>
<tr>
<td>DA to Display</td>
<td>15m (45') for 1080p/8-bit, 10m (30') for 1080p/12-bit</td>
</tr>
<tr>
<td>Warranty</td>
<td>Limited Warranty: 3 Years Parts and Labor</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>External Power Supply: <a href="mailto:5VDC@2.6A">5VDC@2.6A</a></td>
</tr>
</tbody>
</table>

**Mechanical**

- Dimensions (H x W x D): 41.5 x 218 x 133.4mm (1.6' x 8.6' x 5.25')
- Weight: 0.85g (1.87 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

**Optional Accessories**

- RM-220 Rack Mount Kit
- Dual DA Mount

**Product Item Number**

- 1T-DA-674

**Overview**

Provides 4 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 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.
**1T-DA-674**

HDMI Distribution Amplifier

Panel Drawings

**Front**

**Back**