1T-DA-472 and **1T-DA-474** RGB/YPbPr and Stereo Audio Distribution Amplifiers provide two or four outputs respectively for use in any situation requiring multiple Video and Stereo Audio outputs from a single PC or other RGB or YPbPr video source. Video bandwidth in excess of 500MHz handles computer resolutions up to 2560x1600 at distances up to 300 feet from the source without signal deterioration. Both models provide VESA industry standard DDC (Data Display Channel) bi-directional communications for host control of the downstream monitors. Video Input/Output connectors are HD-15 type and 3.5mm Mini-Stereo type for audio.

Both models are housed in small rugged metal cases. They are 5VDC powered and a Power Adapter is included. The DC power connector is a locking type for security. For best performance at long distances, premium grade cables are recommended. Optional single or dual rackmount kits are available.

Specifications

Video Input

Signal Type	RGBHV, RGBS, RGsB, YPbPr
Connector	1x HD-15 Female
R-G-B Level Range	0.5-2.0 Vp-p
Maximum Resolution	2560x1600

Audio Input

Connector	1x 3.5mm Stereo Audio
Bandwidth/Level	20Hz-20KHz@0.5 to 1Vp-p

Video Outputs

1T-DA-472	2x via HD-15 Female Connectors
1T-DA-474	4x via HD-15 Female Connectors

Audio Outputs

1T-DA-472	2x via 3.5mm Audio Connectors
1T-DA-474	4x via 3.5mm Audio Connectors

General

R-G-B Bandwidth	500+MHz
Maximum Distance	Up to 300' from amplifier (Note 1)
DDC Capability	DDC1, DDC2, DDC2B (Port 1)

Mechanical

Size (H-W-D)	44x160x58mm (1.7"x6.3"x2.3")
Weight (Net)	400g (0.88 lbs)

Warranty

Limited Warranty	3 Years Parts and Labor

Key Features of the 1T-DA-472/474

- Drives Monitors up to 300 feet away
- 500+MHz Video Signal Bandwidth
- Maximum Resolution of 2560x1600
- Handles RGB or YPbPr signal formats
- Audio Response of 20Hz to 20KHz
- 2 or 4 Output versions available
- Locking DC Power Connector for Security

Environmental

Operating Temperature	0° to +50°C (+32° to +122°F)
Operating Humidity	10% to 90%, Non-condensing
Storage Temperature	-10° to +60° C (+14° to +140° F)
Storage Humidity	10% to 90%, Non-condensing

Power Requirement

External Power Supply	5VDC@2A - Locking Plug

Regulatory Approvals

Amplifier Units	FCC, CE, RoHS
Power Supplies	UL, CUL, CE, PSE, GS, RoHS

Accessories Included

1x AC Power Adapter	US, UK or Euro
1x Operations Manual	

Product Item Numbers

1T-DA-472	2-Output Version
1T-DA-474	4-Output Version

Optional Accessories

RM-320S	Rackmount kit for one unit
RM-320D	Rackmount kit for two units

Notes

(1) To achieve the max rated distance, use premium cables.

Panel Drawings