

1T-DA-462 RGB/YPbPr Distribution Amplifier provides two VGA type outputs plus Stereo Audio for use in any situation requiring multiple outputs from a single PC or other RGB or YPbPr video source. The video bandwidth in excess of 450MHz handles computer resolutions up to 2560x1600 at distances up to 300 feet from the source without signal deterioration. The DA provides VESA industry standard DDC (Data Display Channel) bi-directional communications for host control of the downstream monitors. Input and Output Video connectors are HD-15 type.

The 1T-DA-462 is housed in a small, rugged high impact plastic case. It is 5VDC powered by a USB adapter cable or AC Power Adapter, both of which are included. The DC power connector is a locking type for security. For best performance at long distances, premium grade cable is recommended.



Key Features of the 1T-DA-462

- Drives Monitors up to 300 feet away
- 450+MHz Signal Bandwidth
- Maximum Resolution of 2560x1600
- Handles RGB or YPbPr signal formats
- Locking DC Power Connector for Security
- Distributes both Video and Audio
- Units can be cascaded for even greater flexibility

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-30KHz @0.5 to 1Vp-p
Video Output	
Connector	2x via HD-15 Female Connectors
Audio Output	
Connector	2x 3.5mm Stereo Audio
General	
R-G-B Bandwidth	450+MHz
Maximum Distance	Up to 300' from amplifier (Note 1)
DDC Capability	DDC1, DDC2, DDC2B (Port 1)
Mechanical	
Size (H-W-D)	23x86x86mm (0.9"x3.5"x3.5")
Weight (Net)	90 g (0.21 lbs)

Warranty

Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0° to +48° C (+32° to +120° F)
Operating Humidity	10% to 85%, Non-condensing
Storage Temperature	-10° to +70° C (+14° to +158° F)
Storage Humidity	10% to 85%, 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 Power Adapter	US, UK or Euro
1x USB Power Cable	
1x Operations Manual	
Product Item Number	1T-DA-462
Notes	
(1) To achieve the max rated distance, use premium cables.	

Panel Drawings

