

1T-DA-631 is a dynamic cable equalizer that restores the HDMI v1.3 signal at the end of long cable runs prior to the input of the display. This circuitry enhances both Plug and Play characteristics as well as the HDCP signal component. All signal components present within the encoded signal are maintained, including Stereo or 7.1 Audio and HDCP encryption. The maximum distance from the source to the Equalizer input is 40 meters and up to 5 meters from the output to the display when using premium grade HDMI cables. The unit is powered from an external power adapter provided with the unit. HDTV resolutions of 480p, 720p, 1080i and 1080p are supported.



Specifications

Video Inputs/Outputs

HDMI Input/Output HDMI Type A

Video Specifications

HDTV Resolutions 480p, 720p, 1080i, 1080p

Maximum Bandwidth 2.25GHz

HDMI Compliance Version 1.3

Maximum Cable Lengths

Source to Equalizer Input 40 Meters (150') (Note 1)

Equalizer Out to Display 5 Meters (15') (Note 1)

Mechanical

Size (H-W-D) 22x42x53.5mm (0.9"x.1.7"x2.1")

Weight (Net) 90 g (0.19 lbs)

Power Requirement

Via External Power Supply 5VDC@ 2A – Locking DC

Environmental

Operating Temperature 0° to +40° C (+32° to +104° F)

Operating Humidity 10% to 85%, Non-Condensing

Storage Temperature -20° to +60° C (-4° to +140° F)

Storage Humidity 10% to 85%, Non-Condensing

Regulatory Approvals

Extender Unit FCC, CE, RoHS, HDMI

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

Warranty

Limited Warranty 2 Years Parts and Labor

Accessories Included

1x Power Adapter US, UK or Euro

Operations Manual

Product Item Number

1T-DA-631 HDMI Extender

Notes

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

Key Features of the 1T-DA-631 Extender

- Ultra Compact, High Performance Unit
- Compatible with HDMI v1.3
- Supports HDTV up to 1080p with 12 Bit Color
- Built in DDC Extender restores HDCP Signals
- Maximum Distance Source to Equalizer - 40 meters
- Maximum Distance Equalizer to Display - 5 meters
- Locking DC Power Adapter for Security
- Rugged Metal Case

Panel Drawings

