

# Equalizer™

## Equalizer

Ref. EQZ450

- > Universal Interface with Cable Compensation
- > For Every Long Distance Applications up to 300m/ 1000 ft
- > For High Resolution Signals up to 1600 x 1200, TV and HDTV

**Equalizer™** by **Analog Way** is an **Interface to drive Computer or Video signals over long distance cables** to monitors, screens, projectors and other Video display devices. It can handle any kind of input format and synchronization (RGB, RGB/S, Component, YUV-HD, RGB HV).

**Equalizer** features a powerful **Booster / Equalizer** function. The very High Resolution Video signal (Computer, SD or HD) can be driven on up to 300m/1000ft.

A High grade compensation cable function, offers a continuous tuning to precisely fit the cable length and quality. It enables to obtain the best quality picture possible (sharpness and echo free) to your application, providing a clearer, brighter and more contrasted image.

**Equalizer** also features an RGB HV input on BNC or HD15F with loop monitoring. The equalized output is available on either BNC or HD15.

### REFERENCES

EQZ450: Equalizer™

### TECHNICAL SPECIFICATIONS

- Workstation, PC, Mac (up to 1600x1200) & standard Video compatible
- 450 MHz RGB Video bandwidth
- Cable loss compensation up to 300 m - 1000 ft
- 1 x Output with loopthrough for local monitoring
- 1 x Equalized output

### INPUTS:

- 15 kHz to 135 kHz: Horizontal line frequency
- 24 Hz to 120 Hz: Frame frequency
- RGB, YUV, RGBS, RGB HV (0.7 V analog for RGB) HD-YUV
- Composite sync from 0.3 to 5 V ; H & V (sync.) 5V TTL

### OUTPUTS:

- Local monitoring of input source
  - Output (equalized) with adjustable cable length corrector up to 300 m - 1000 ft
- Note: Component output only if Component in input

### USER CONTROLS & CONNECTORS:

#### FRONT PANEL:

- Power LED
- 2 x trimmers for gain and HF pre-emphasis adjustment

#### REAR PANEL:

- Hi.Z/75 Ohms: RGB input adaptation
- 1 x HD15F or 5 x BNC-F Computer In or Monitoring out
- 5 BNC-F
- or 1 HD15F

### POWER SUPPLY:

Internal, universal, automatic, 100-240 VAC, 50-60Hz, 5W

### DIMENSIONS:

D 7.6" x W 8.7" x 1.7"  
D 192 mm x W 221 mm x H 43mm

**WEIGHT:** 1 kg / 2.2 lbs

### SUPPLIED WITH:

- 1 x AC power cable
- 1 x User manual

### WARRANTY:

3 year warranty on parts & labor, back to the factory  
Specifications subject to change without notice



### FEATURES

- 450 MHz bandwidth
- High quality cable loss compensation
- Continuous cable length adjustment
- Built-in power supply

### Cables for the Equalizer

- > BNC Cables of 1,8m / 6ft to 20m / 66ft - Refs 10038 - 10039 - 10096 - 10098 - 10100
- > VGA Cables of 0,4m / 1ft to 1,8m / 6ft M/F and M/M - Refs 10014 - 10015 - 10077
- > VGA/BNC Adaptor Cables of 1.8m / 6ft and 3m / 10ft - Refs 10023 - 10024 - 10025 - 10026



ANALOG WAY®

USA and Canada  
ANALOG WAY Inc  
Tel.: 212 269 1902  
Fax.: 212 269 1943  
email: salesusa@analogway.com

Europe, Africa, South America and Middle-East  
ANALOG WAY FRANCE  
Tel.: 331 64 47 16 03  
Fax.: 331 64 47 14 73  
email: saleseuro@analogway.com

www.analogway.com

P/N: EQZ450/D0207-VA  
Asia and Asia Pacific  
ANALOG WAY Pte Ltd  
Tel.: 65 62 92 58 00  
Fax.: 65 62 92 52 05  
email: salesasia@analogway.com