

LONG DISTANCE EQUALIZED UNIVERSAL INTERFACE

FOR VERY LONG DISTANCE APPLICATIONS (UP TO 300 M - 1000 FT) - HIGH END PROJECTIONS
PRESENTATIONS & VIDEO WALL - HIGH QUALITY CABLE EQUALIZATION - INDUSTRIAL & PROCESS ENVIRONMENT

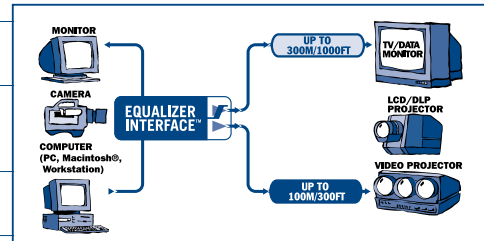
• COMPATIBLE WITH:

EQUALIZER INTERFACE™ Ref.EQ1300

**WORKSTATION, PC, MAC
(Up to 1600 X 1280) & VIDEO**

• INPUT/OUTPUT:

HD15 & BNC SIMULTANEOUS



REFERENCES:

- EQ1300-230: 230 VAC version
- EQ1300-115: 115 VAC version

FEATURES:

- 300 MHz Bandwidth
- High Quality cable loss compensation
- Universal Automatic Sync. processing
- Built-in power supply

DESCRIPTION:

The **EQUALIZER INTERFACE™** is an interface that enables Computer and Video signals to be automatically adapted to different monitors, projectors and other video source requirements. The device can automatically (without any jumpers) handle any kind of input formats and synchronization (RGsB, RGB, COMPONENT, RGBHV). The sync. mode output can be set up, by a switch, in Composite Sync., SOG or separated H&V and Component.

The **EQUALIZER INTERFACE™** has also a **BOOSTER-EQUALIZER** function. You can drive, up to 300 m - 1000 ft, either high resolution signals from any **WORKSTATION, PC, MAC** (up to 1600x1280) graphic boards, or standard **VIDEO/YUV** signals.

Then, a new **High End Corrector Cable** function, very useful and adaptable to many cable lengths (in 25 m - 75 ft steps), allows you to have the

best picture possible (Sharp Echo Free) dedicated to your application.

Finally, the interface is a **SPLITTER** with 2 separated buffered channels and one loopthrough for local monitoring:

- 1 standard channel (up to 100 m - 300 ft)
- 1 channel with adjustable cable corrector (up to 300 m - 1000 ft).

TECHNICAL SPECIFICATIONS:

- WORKSTATIONS, PC, MACINTOSH® (up to 1600 x 1280) & STANDARD VIDEO compatible
- 300 MHz RGB Video Bandwidth
- Cable length corrector up to 300 m - 1000 feet
- 2+1 separated outputs (included a loopthrough for direct local monitoring)
- Automatic Input Sync. Recognition
- ID identification Bits: allows booting up a MAC computer without a local monitoring

INPUTS:

- From 15 KHz to 135 KHz: Horizontal Line Frequency
- From 30 Hz to 120Hz: Vertical Frame Frequency

- RGsB, R-Y/Y-B-Y, RGBs, RGBHV (0.7 V analog for RGB)
- Composite Sync. from 0.3 to 5 V ; H & V (Sync.) 5V TTL
- Input on 15 pin HD M connector or 3, 4, 5 BNC connectors.

OUTPUTS:

- Local Monitoring of Input Source (Loopthrough 15 pin HD F connector)
- «OUTPUT 2 (DRY)» for remote display up to 100 m - 300 ft on 15 pin HD F connector
- «OUTPUT 1 (EQUALIZED)» with adjustable cable length corrector (by 25 m - 75 feet steps & up to 300 m - 1000 ft) output on 3, 4, 5 BNC connectors.

Note : COMPONENT OUTPUT only if COMPONENT in INPUT.

USER'S CONTROLS

FRONT PANEL:

- POWER: LED
- SYNC. OUT: Output Sync. Switch for selection (SOG, COMPOSITE or separated H & V)
- SOG: ON/OFF Switch for cancellation of the Sync. On Green
- SHARPNESS :Equalizer = 4 Switches for cable length compensation (16 positions, by 25 m / 75 feet step).

REAR PANEL:

- ID: Monitor identification
- Hi.Z/75Ω: RGB input adaptation

DIMENSIONS:

- D 200 x W 250 x H 40mm
- D 7.9" x W 9.8" x 1.6"

WEIGHT: 1.3 Kg / 2.9 Lbs

INTERNAL POWER SUPPLY:

- 230 Vac/50 Hz 0.1A max.
- or 115 Vac/60Hz version

SUPPLIED WITH:

- 1 x VGA M/F cable (1.8m - 6 ft)
- 1 x set of MAC (RGB/S)/VGA cable adapter
- 1 x AC main cable

WARRANTY:

3-year warranty on Parts & Labor, back to the factory

ACCESSORIES REFERENCES (optional):

- 10016: HD 15 M/F Cable (3m - 10ft)
- 10017: HD 15 M/F Cable (6m - 20ft)
- 10019: HD 15 M/F Cable (10m - 33ft)

- 10074: HD 15 M/F Cable (20m - 66ft)
- 10075: HD 15 M/F Cable (30m - 100ft)
- 10039: 5BNC/5BNC cable (3m - 6ft)

- 10096: 5BNC/5BNC cable (5m - 16ft)
- 10098: 5BNC/5BNC cable (10m - 33ft)
- 10100: 5BNC/5BNC cable (20m - 66ft)

- 10045: Set of MAC (HV)/VGA cable adapter
- 10087: Set of SUN/VGA cable adapter
- 10088: Set of VGA/5BNC cable adapter

- HQVGA: High quality 5 coax cable up to 300m / 1000ft available upon request, please see CABLES section