# BrightEy€ 22

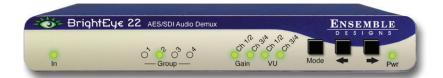
## SD SDI/AES Disembedder

BrightEye 22 is a disembedder, or demultiplexer, for use in desktop and broadcast applications. Audio signals present in the incoming standard definition serial digital video signal are extracted and delivered as two AES digital audio streams.

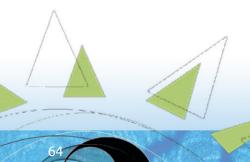
Audio mixing, level adjustments, and channel shuffling are accessed through BrightEye Mac or PC software. Audio group selection is also made through BrightEye Mac or PC software.

### **Features**

- Use with servers and satellite receivers
- Audio disembedder
- Embedded SDI input
- SD SDI and AES outputs









# BrightEy€ 22

## SD SDI/AES Disembedder

## **Video Input**

Number One

Signal Type 270 Mb/s SD Serial Digital

SMPTE 259M

 $\begin{array}{ll} \text{Impedance} & 75 \, \Omega \\ \text{Return Loss} & >15 \, \text{dB} \\ \text{Max Cable Length} & 300 \, \text{meters} \end{array}$ 

**Automatic Input Cable Equalization** 

### **Video Output**

Number One

Signal Type 270 Mb/s SD Serial Digital

SMPTE 259M

Delay  $< 1 \,\mu Sec$  to SDI path

 $\begin{array}{ll} \text{Impedance} & 75 \, \Omega \\ \text{Return Loss} & >15 \, \text{dB} \end{array}$ 

Output DC None (AC coupled)

## **AES/EBU Digital Outputs**

Number Two (total of four channels)

Type AES3id

Delay  $< 250 \,\mu Sec$  to audio I/O

Connector Coaxial,  $75 \Omega$ Bit Depth 24 Bit

Sample Rate 48 KHz, Synchronous to Video output

Reference Level -18 or -20 dBFS (selectable)

### **General Specifications**

Size 5.63"W x 0.8"H x 5.98"D

(143 mm x 21 mm x 152 mm) including connectors and flange

Weight 15 oz

Power 12 volts, 3 watts

(100-230 VAC modular power supply)

Temperature Range 0 to 40° C ambient (all specs met)

Relative Humidity 0 to 95%, non-condensing

Altitude 0 to 10,000 ft.

