BrightEye 22

SDI/AES Disembedder

BrightEye 22 is a disembedder, or demultiplexer, for use in desktop and broadcast applications. Audio signals present in the incoming 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 PC. Audio group selection is also made through BrightEye PC.

► Audio Disembedder

► Embedded SDI Input

► SDI and AES Outputs

►Specifications

Video Input
Number	One
Signal Type	Serial Digital (SMPTE 259M)
Impedance	75 Ω BNC
Return Loss	>15 dB
Max Cable Length	300 meters

Video Output
Number	One
Signal Type	Serial Digital (SMPTE 259M)
Impedance	75 Ω BNC
Return Loss	>15 dB
Output DC	None (AC coupled)

AES/EBU Digital Outputs
Number	Two (total of four channels)
Type	AES3id
Connectorization	Coaxial, 75 Ω BNC
Bit Depth	24 Bit
Sample Rate	48 KHz Synchronous to Video output
Reference Level	18 or -20 dBFS (Selectable)

General Specifications
Size	5.625" W x 0.8 " H x 5.5" D (143 mm x 20 mm x 140 mm) including connectors
Power	12 volts, 7 watts (100-230 VAC modular power supply provided)
Temperature Range	0 to 40° C ambient
Relative Humidity	0 to 95° noncondensing

ENSEMBLE D E S I G N S