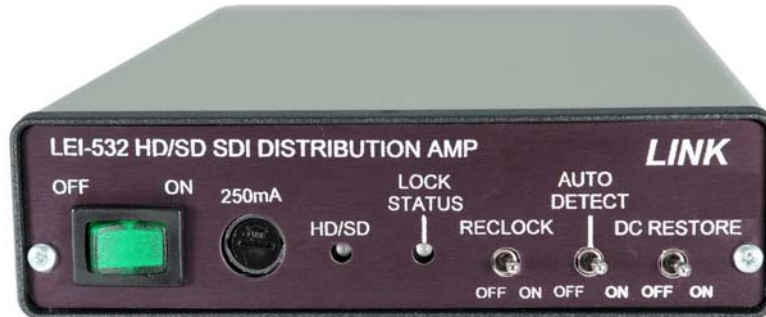




## HD SD SDI or ASI DISTRIBUTION AMPLIFIER



### FEATURES

- ◆ AC Powered, Portable
- ◆ SMPTE 259M, 344M, 292M compliant
- ◆ HD SD SDI Input
- ◆ Four Serial Outputs
- ◆ Lock/Format Indication
- ◆ Switchable Equalization and Re-clocking
- ◆ NTSC or PAL

### Model LEI-532

The LINK LEI-532 HD SD SDI distribution amplifier restores the incoming signal to its proper amplitude. The signal is reshaped with automatic equalization, and DC restoration. The LEI-532 's maximum equalized cable length; for SD up to 750 feet at 270Mb/s, and HD up to 250 feet at 1.485Gb/s. Four outputs are provided on the rear panel, as well as a detachable AC power cord.

There are three switches on the front panel that select, 1) Re-Clock On/Off, 2) Auto Detect On/Off, 3) DC Restoration On/Off. There are four outputs that represents the input, either high definition or standard definition.

The LEI-532 will accept any of the following: 143Mb/s, 177Mb/s, 270Mb/s, 360Mb/s, 540Mb/s, and 1.4835/1.485Gb/s standards. The front panel has two LED's that tell if the input signal has locked, and whether the data is standard definition, or High Definition, HD SD SDI. The signal output level is 800mV p-p, and relocked

The 500 series products are compact designs that allow three units to mount in the PRT-700, one unit tray. There are 17 products in the 500 and 700 series that can mount in the PRT-700 rack tray. Backed by Link's 10-year warranty, the LEI-532 will provide years of outstanding performance.

## LINK ELECTRONICS, INC.

2137 Rust Avenue  
Cape Girardeau, MO 63703  
Phone: 573 334 4433  
FAX: 573 334 9255

PROFESSIONAL SERIES--  
portable system products--by **LINK**

# LEI-532 HD SD SDI DISTRIBUTION AMPLIFIER

## SPECIFICATIONS

### Digital Video Input (SDI or ASI):

Number of Inputs:	1
Connectors:	BNC
Standards:	
Composite:	143Mb/s
Component:	177Mb/s, 270Mb/s, 360Mb/s, 540Mb/s
HD Component:	1.4835/1.485Gb/s
Impedance:	75S
Return Loss:	>15dB
Signal Level:	800mV
Input Cable Length Max:	
SD:	Up to 750 feet @ 270Mb/s
HD:	Up to 250 feet @ 1.485Gb/s
CMR:	25Vpp, up to 60Hz

### Digital Outputs:

Number of Outputs:	4
Connectors:	BNC
Standards:	Same as input
Impedance:	75S
Return Loss:	>15dB
Signal Level:	800mV
Rise & Fall Time:	
SD:	220ps Max
HD:	800ps Max
Overshoot:	8% of Amplitude
Additive Jitter:	
SD at 270Mb/s:	25ps pp, typical
HD at 1.485Gb/s:	15ps pp, typical
Reclocker	
Jitter Improvement:	10%

### Front Panel LED:

HD/SD-SD SDI Input:	Green
HD/SD-HD SDI Input:	Amber
Lock Status-lock achieved:	Green
Lock Status-lock failed:	Red

### Front Panel Switches:

Power:	Off/On
Re-Clock:	Off/On
Auto Detect:	Off/On
DC Restore:	Off/On

### ENVIRONMENTAL:

Temperature:	0° to 50°C Ambient
Humidity:	10% to 90% non-condensing
Power:	4.2 Watts
Voltage:	85-264VAC, 47-63Hz

### MECHANICAL:

Height:	1.75 Inch
Width:	5.5 Inch
Depth:	9.25 Inch
Weight:	2.5 Pounds

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SPECIFICATIONS AND DESIGN ARE SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTICE

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