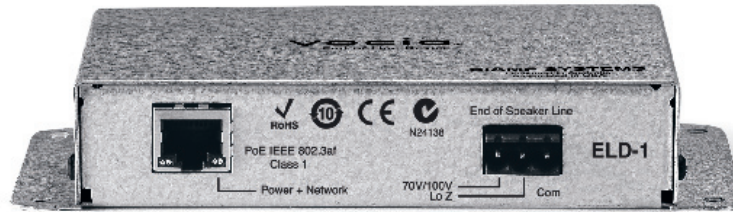


## VOCIA® End of Line Device (ELD-1) DATA SHEET



The Vocia® ELD-1 is a networked safety device for use with a Vocia amplifier (e.g. VA-8600) and is an integral part of standard-compliant voice evacuation and mass notification systems. The ELD-1 tests and reports speaker line integrity between itself and the Vocia amplifier. The device can be surface mounted and utilizes IEEE-compliant Power over Ethernet (PoE) technology. The ELD-1 is compatible with both constant voltage and low impedance systems and does not rely on the speaker line as a power source.

### FEATURES

- Line monitoring
- Looks for inaudible signal from Vocia amp module
- Reports shorts or opens in the speaker line to the network
- Surface mountable
- Power and data over a single Ethernet cable
- Status LED
- One removable terminal block connector
- **CE** marked and **RoHS** compliant
- Covered by Biamp Systems' warranty

### ARCHITECTS & ENGINEERS SPECIFICATION

The end of line device shall be designed exclusively for use with Biamp® Vocia® systems. The end of line device shall be wall mountable and receive Power over Ethernet (PoE), utilizing a single (CAT5) network cable to an RJ45 connector. The end of line device shall not rely on the speaker cable for powering. The end of line device shall be CE marked and shall be compliant with the RoHS directive. Warranty shall be five years.

The end of line device shall be a Vocia ELD-1.

## End of Line Device 1 SPECIFICATIONS

Speaker Line Input Configuration:	Balanced and Floating (transformer coupled)	Power:	802.3af (PoE) Class 1
Speaker Line Input Impedance:		Overall Dimensions:	
70/100V Input:	>100k $\Omega$	Height:	1.06 inches (27mm)
Low-Z Input:	10k $\Omega$	Width:	6.0 inches (153mm)
		Depth:	3.07 inches (78mm)
Max Input Level (AC):	Adjustable in 1dB steps over a 30dB range	Weight:	Approx 0.66 lbs. (300g)
System Headroom:		Ambient Operating Temperature Range:	32-113 degrees F (0-45 degrees C)
70/100V Input:	200V		
Low-Z Input:	100V		
Connection:	RJ45 with shielded Ethernet/PoE cable (CAT5, CAT5e, CAT6, or CAT7)	Compliance:	EU Directive 2002/95/EC, RoHS directive CE marked

## End of Line Device 1 BLOCK DIAGRAM

