

# DATA SHEET

## VOCIA® PLD-1 AND PLD-2

### PASSIVE END OF LINE DEVICES

The Vocia PLD-1 and PLD-2 are passive end of line devices for use with Vocia amplifiers (PLD-1: VA-8600; PLD-2: VA-4300CV and VA-8150CV) on constant voltage systems. Each Vocia amplifier uses a pilot tone to ensure speaker line integrity between itself and the PLD. The device can be surface mounted.

#### FEATURES

- Passive end of line monitoring
- Compatible with VA-4300CV, VA-8150CV and VA-8600
- No added cabling required
- Easy to install
- Compatible with most installed loudspeakers
- Maximum speaker length 4,300ft (1,300m) of non-branching speaker line (varies with load and wire gauge)

#### ARCHITECTS & ENGINEERS SPECIFICATION

The passive end of line device shall be designed exclusively for use with Biamp® Vocia® systems. The passive end of line device shall not require any additional cabling. The passive end of line device shall be plenum rated. The passive end of line device shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The passive end of line device shall be a Vocia PLD-1 or PLD-2.



#### PLD SPECIFICATIONS

<b>Line monitoring:</b>	70V/100V constant voltage	<b>Loudspeaker distance:</b>	Up to 4,300ft (1,300m), varies with load and speaker wire gauge
<b>Pilot tone:</b>		<b>Compliance:</b>	UL and C-UL listed (USA and Canada) CE Marked (Europe) RoHS Directive (Europe) Evaluated to the requirements of UL 2043 and is suitable for use in air handling spaces
<b>PLD-1:</b>	18.4kHz (VA-8600)		
<b>PLD-2:</b>	20.2kHz (VA-4300CV, VA-8150CV)		
<b>Maximum Channel Power Rating:</b>			
<b>70V:</b>	150W		
<b>100V:</b>	300W		
<b>Overall Dimensions:</b>			
<b>Height:</b>	1.7 inches (44 mm)		
<b>Width:</b>	2.4 inches (60 mm)		
<b>Depth:</b>	0.5 inches (12 mm)		
<b>Cable Length:</b>	8.9 inches (225 mm)		