

# LS4808 4816

## 8 / 16 Ch Speaker Line Surveillance

## MONITORING AND CHANGEOVER



### LS4808

8 Ch Speaker Line Surveillance



### LS4816

16 Ch Speaker Line Surveillance

**LS4808 / 4816** is a great tool to monitor the speaker line integrity such as ground leakage, short and open circuit as per requirement in EN54. Detection is via impedance measurement, thus usage of end of line resistors are not required and circuit branching is allowed.

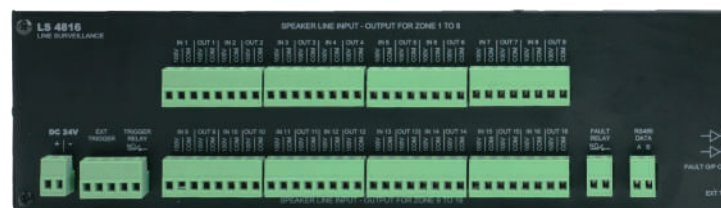
LS is powered by powerful processor and its unique measurement algorithm enables it to perform tasks at high speed with optimum accuracy.

The dual mode detection with basic and advance mode provides options for installer subject to site requirement or the nature of the project.

- Available in **8 or 16** channel options
- Impedance measurement method allows **circuit branching**
- No **end of line resistors** are required for the speaker circuit
- **Basic** and more accurate **advance** setup available
- **Short burst** test signals which minimize interruptions to PA operation
- **Auto** or **manual** fault detections with external test triggering
- Detection **intervals** setting from 1 min to 48 hours
- Faulty circuit **isolation** option
- Fault alert **indicators** with bi colour LEDs
- **Aux 24V DC** output for volume controller overriding during testing mode
- **RS485** data port for remote triggering by **PMX III** via iPX5500 comm box

## Technical Specifications

	LS4808	LS4816
Operating voltage	24V DC via PS9400	
Power consumption	3.8W	4.9W
Capacity	8	16
Impedance detection range	10 to 10k Ohm	
Power measurement range	10 to 1000W 100V line	
Measurement accuracy	+/- 5% within range	
Pilot tone injection frequency	1 KHz	
Pilot tone signal output level	5V sine	
Monitor triggering	Auto / remote trigger	
Transmitted detection period	0.5 seconds per channel (max)	
Detection interval	User preset from 1 min to 48 hours	
Sensitivity setting	User preset at each channel	
Indicators + LED	Normal, Fault, Buzzer, Auto run	
Display LCD	2 x 16 characters w back light	
Audible output signal	Continuous buzzer with OFF option	
Dry contact setting	3A	
DC output in detection mode	24V DC for individual channel	
Data interface	RS485 : 19.2 kbps	
Dimensions (W x H x D)	482 x 44 x 180 mm	482 x 88 x 180 mm
Weight	2.15 kg	3.25 kg



## Packing Information

Carton size : LS4808 - 555 (L) x 295 (W) x 95 (H) mm  
: LS4816 - 555 (L) x 295 (W) x 165 (H) mm

Gross weight : LS4808 - 2.75 kg  
: LS4816 - 4.00 kg

1 unit per carton

