

8 Ch Speaker Line Surveillance **LS4808**

16 Ch Speaker Line Surveillance **LS4816**



LS4808 offers 8 channels of speaker line monitoring while LS4816 has 16 channels. LS Series is a great tool of monitoring the speaker line integrity such as ground leakage, short and open circuit via impedance measurement method. End of Line resistors are not required and circuit branching is allowed, thus allowing a more flexibility in cabling works.

LS is powered by powerful processor and its unique measurement algorithm enables it to perform tasks at high speed with optimum accuracy. Setup is simple but for the more advanced requirement, LS also allows deviation limits, useful for more sensitive installations, such as power plants, military, etc.

It can be installed to run at intervals with user setting or link to a timer for specific time operation, to avoid disturbances to occupants of the building.

Features

- 8/16 channel speaker line monitoring with basic and advance level setup
- Impedance measurement method allowing cabling branching and no end of line resistors or coupling capacitors.
- Short burst test signal, minimizing interruption to PA operation
- Detection interval setting from 1 min to 48 hours with ad hoc testing trigger
- Faulty circuit isolation option
- Fault alert indicators and user friendly setup menu
- Built in impedance meter, range from 10 Ohm to 10 K Ohm
- Aux 24V DC output for volume controller overriding during testing mode

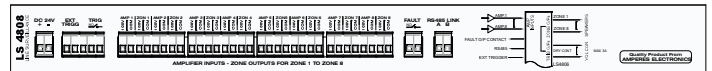
Technical Specifications

	LS4808	LS4816
Operating voltage	24V DC via PS9400	
Power consumption	3.8W	4.9W
Capacity	8	16
Impedance detection range	10 to 10 K Ohm	
Power measurement range	10 to 1000W 100V line	
Measurement accuracy	+/- 3% within range	
Pilot tone injection frequency	1 kHz	
Pilot tone signal output level	5V sine	
Monitor triggering	Auto / remote trigger	
Transmittal detection period	0.5 seconds per channel (max)	
Detection interval	User preset from 1 min to 48 hrs	
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	2.15kg	3.25kg

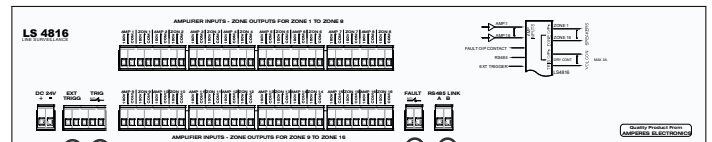
Packing information

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

Rear View LS4808:



Rear View LS4816:



Vol Control Override
 External trigger by timer / manual
 RS485 data link
 Fault dry contact

Please refer to schematic diagram available in manual for configurations

