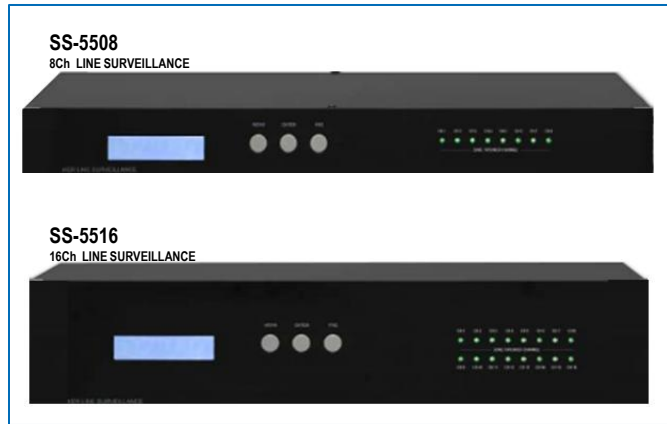


Features

- 8 / 16 channel speaker line monitoring and expandable
- Basic and Advance level of detection setup
- Detection of faulty cable and speaker in individual zone or circuit
- Impedance measurement method - no capacitor coupling required and cable branching allowed.
- Faulty circuit disconnection option
- Built in impedance meter, range within 10 Ohm to 10KOhm
- LCD display to facilitate system setup, measurement and monitoring
- Fault alert with LED indicators and switchable buzzer
- Detection test interval setting from 1 min to 48 hours
- Short burst test signal, minimizing interruption to PA operation
- User setting for detection sensitivity for open, short and leakage
- Aux 24V DC output for volume controller overriding during testing mode



Description

Speaker line monitoring units from Amperes has been further enhanced with the introduction of these two totally new models. SS-5508 is an 8 channels version while SS-5516 is 16 channels.

With its new processor and measurement algorithm, they are now able to perform tasks faster with better accuracy than before. Setting up has also been much simplified for ease of installation. One distinct feature is external force activation, which if it is connected to a program timer, monitoring shall begin at preset times, thus avoiding disturbances to occupants of the building.

SS5500 series provides reliable speaker circuit monitoring for ground leakage, short and open circuit using impedance measurement method, thus eliminating the use of end line resistors in the speaker networks. With its RS485 data terminal, it can be connected to PMX LAN software via iPX5500 for remote monitoring.

Technical Specifications

	SS-5508	SS-5516
Operating voltage	24 VDC via PS9400 adaptor	
Power consumption	3.8W	4.9W
Capacity	8	16
Processor / Impedance detection range	STM 32 microprocessor / 10 to 10 K Ohm	
Power measurement range	10 to 1000W 100V line	
Measurement accuracy	+/- 3% within range	
Pilot tone injection frequency	1KHz	
Pilot tone signal output level	5V sine	
Monitor triggering	Auto / remote trigger	
Transmittal detection period / Detection interval	0.5 second per channel (max) /User preset from 1 min to 48 hrs	
Sensitivity setting / Indicators – LED	User preset at each channel / Normal, Fault, Buzzer, Auto run	
Display LCD / Audible output signal	2 x 16 characters w back light / Continuous buzzer with off option	
Dry contact setting / DC output in detection mode	3A / 24V DC for individual channel	
Dimensions (WxHxD)	482 x 44 x 180 mm	482 x 88 x 180 mm
Weight	2.4kg	3.1kg