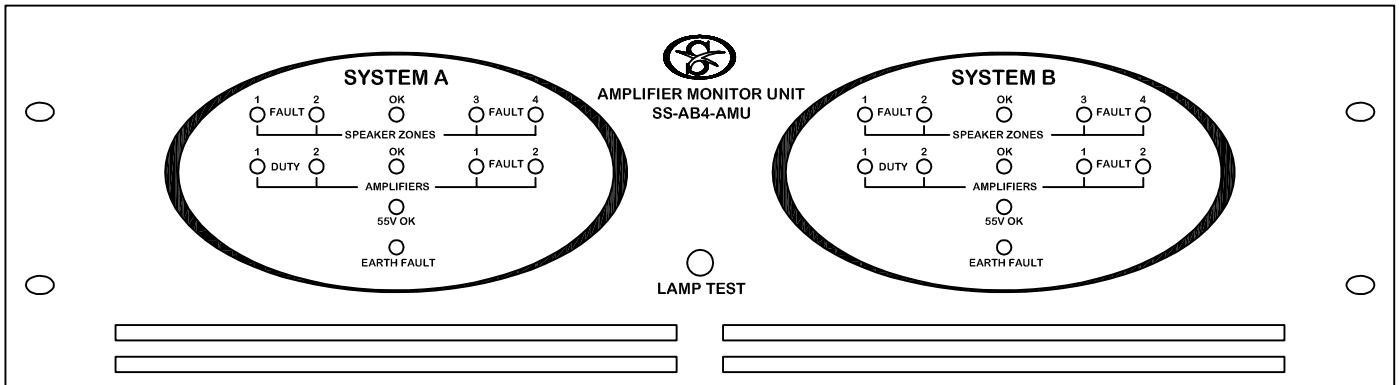


AMPLIFIER MONITOR UNIT (SS-AB4-AMU)



AMPLIFIER MONITOR UNIT (SS-AB4 AMU)

- Contains independent System A & B -- Qty 1 x 300 Watt Main Amplifier and Qty 1 x 300 Watt Hot Standby Amplifier (4 x 300 Watt Amplifiers)
- Contains Independent System A & B -- Monitoring of Audible Horn Speakers and Visual Beacons circuits
- Contains Independent System A & B -- Monitoring of Main and Hot Standby amplifiers
- Quantity N per system

SYSTEM A AND SYSTEM B

SPEAKER ZONES - FAULT 1,2,3 & 4: Each LED illuminates if a change of load is detected on the corresponding speaker zone.

SPEAKER ZONES - OK: When illuminated indicates that Speaker Monitor Board is in normal operating condition.

AMPLIFIERS - DUTY1: Normally on to indicate that the Main Amplifier is functioning correctly.

AMPLIFIERS - DUTY2: When illuminated, indicates that Standby Amplifier is in service due to fault detected on Main Amplifier.

AMPLIFIERS - FAULT1: When illuminated, indicates failure of Main Amplifier.

AMPLIFIERS - FAULT2: When illuminated, indicates failure of Standby Amplifier.

AMPLIFIERS - OK: When illuminated, indicates that Speaker Monitor Board is in normal operating condition.

55V OK: When illuminated, indicates that system 55VDC is present.

EARTH FAULT: When illuminated, indicates that an Earth Fault has been detected on the speaker field cabling.

LAMP TEST: Illuminates all LEDs on the AMU.

Electrical

- Operating Voltage: 55VDC
- Operating Current: 6Amps at 300W per system
- Operating Temperature: -10°C to +60°C
- Storage Temperature: -40°C to +85°C
- Relative Humidity: <95%
- Output Power: 2 x 300W rms
- Line output voltage: 100V rms
- Line input voltage: 1Vrms at 300W load
- Input Impedence: 1Mohms

- Total harmonic distortion: <2% at 1KHz
- Signal to Noise ratio: -90dB
- Frequency response: 40Hz to 25KHz (-3dB)

Mechanical

- Mounting: 19" 3U Slider Rack
- Material: Mild Steel
- Dimensions: 360D x 483W x 128H mm