

## AMPLIFIER MONITORING



### 6 CH AMPLIFIER MONITOR PANEL | AM6000



AM6000 shall be used to monitor the condition of amplifier outputs of 70 / 100V line at the rack which is equipped with level meter, amplifier output LED and speaker for audio monitoring. It can also be used as a tool to calibrate sound output level of each amplifier from the rack.

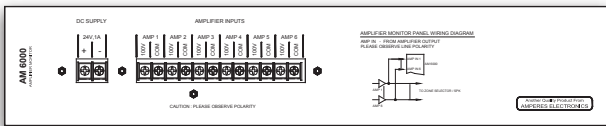
#### FEATURES -

- 6 inputs for 70 / 100V line amplifier outputs
- Dual mode monitoring with continuous signal indicator
- Audio monitoring with volume control

#### TECHNICAL SPECIFICATIONS -

Operating voltage	24V DC via PS9400 PSU
Power consumption	50 mW
Amplifier inputs	6 : 70 / 100V line
Monitoring mode	Audio : 1W speaker with 5 presets Visual : 9 segment LED level meter LED for all channels
Dimensions (WxHxD)	482 x 88 x 180 mm
Weight	2.95 kg

Rear View



#### Packing information

- Carton : 552 (W) x 163 (H) x 294 (D) mm
- Weight : 3.7 kg
- Qty : 1 units / carton

### AMPLIFIER SURVEILLANCE MODULE | AS4000



AS4000 is used to monitor the status of 70 / 100V line power amplifiers which do not have built in detection module. Every amplifier shall employ one AS4000 and the dry contact output from the unit shall then be connected to Amperes AX700. Repeating this link shall then form an automatic amplifier fault changeover / surveillance system.

#### FEATURES -

- Interval Pilot Tone injection ; reduces strain to amplifiers
- Works independently with or without availability of audio signal
- Low distortion to original audio signal
- Status monitoring via LED ; Pilot Tone and amplifier fault
- Compatible with most 70 / 100V line amplifiers in the market

#### TECHNICAL SPECIFICATIONS -

Operating voltage	24V DC via PS9400 PSU
Power consumption	200 mW nominal
Input impedance	10 K balanced
Output impedance	600 Ohm balanced
Max audio input	0.75V
Max audio output	1.2V
Transmit interval	10 seconds
Detection delay	20 seconds
Recovery time	30 seconds
Frequency response	20 - 20 KHz
Detection output	NO and NC dry contact
Dimensions (WxHxD)	120 x 96 x 28 mm
Weight	331 gms

#### APPLICATION SCHEMATIC -

Please refer to schematic in AX700 ; "Application with AS4000 amplifier surveillance module"