

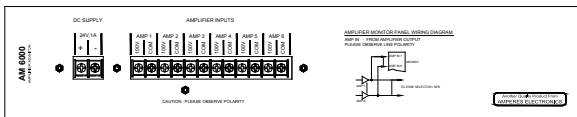
✓ application notes

It is often useful to install amplifier monitor panel at rack for listening to the output of each amplifier and also to be used as a tool for sound output level calibration. This shall facilitate the inspection on amplifier's condition.

AM6000 is used to monitor outputs of 70 / 100V line PA amplifiers which has level meter, amplifier output LEDs and speaker for audio monitoring.

✓ features

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



✓ specifications

Operating voltage	24V DC ; 0.5 A
Power consumption	50 mW
Amplifier inputs	6 : 70 / 100V line
Monitoring mode	Audio : 1W speaker with 5 preset volume
	Visual : 9 segment LED level meter
	Continuous LED indicator for all channel
Dimensions (WxHxD)	482 x 88 x 90 mm
Weight	2.1 kg



Packing information

Set Packing :
Qty / pack : 1 unit
W x H x D : 540 x 140 x 270 mm
Weight : 2.6 kg

Amplifier Surveillance Module

AS4000



✓ features

- Interval pilot tone injection, thus reduces strain to amplifier
- Independently detects with or without the presence of audio signal
- Low distortion to original audio signal
- Status monitoring via LED ; Pilot Tone activation and amp fault
- Compatible with most power amplifiers of 70 / 100V line output

For connection diagram, refer to AX700



Packing information
No standard packing available
Subject to quantity ordered

✓ application notes

AS4000 is used to monitor the status of power amplifier which do not have built in detection module. Each amplifier shall have one AS4000 and the dry contact output from the unit shall then link to Amperes AX700. Repeating this link up shall then form an automatic amplifier surveillance system, thereby eliminating the task of constant system checking.

Unlike other surveillance modules, AS4000 injects pilot tone at intervals, such that it shall not strain the amplifier due to constant loading.

✓ specifications

Operating voltage	24V : 0.5 A
Power consumption	200 mW nominal
Input impedance	10 K Ohm balanced
Output impedance	600 Ohm balanced
Max audio input	0.75 V
Max audio output	1.2 V
Transmit interval	10 seconds
Detection delay / recovery time	20 secs / 30 secs max
Frequency response	20 - 20 kHz
Detection output	NO and NC dry contact
Weight (nett)	300 gms
Dimensions (W x L x H)	120 x 96 x 28 mm



the emerging preference

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