

PA-112/124/136/148DP/DPT

Single Channel P.A Power Amplifier



FEATURES

- Automatic variable speed fan control by Thermal sensor
25V, 35V, 50V, 70V and 100V Outputs for matching of speaker impedance(optional).
- Designed for operation either AC mains or 24VDC.
- Optional FAULT DETECTOR MODULE(FD-200) makes monitoring of amplifiers and loudspeaker line (short, open) failures.
- An override relay contact on the output terminal board allows emergency paging to be distributed through 3-wire or 4-wire system wiring that requires the DC power supply.
- Input level:0dBu(0.775V)60kohm balanced.
(1 Program and 1 Priority Inputs)
- Optional fault detector module makes detection of speaker line fault or amplifier fault and change from fault amplifier into Stand-by amplifier by FS-3381(Fault stand-by switcher).
- Rated outputs:120W/240W/360W/480W(RMS).
- Full protection for product reliability.
 - Overload and speaker line short limiter circuit.
 - Over current limiter circuit.
- +24V DC out to external accessories (max 500mA).
- AC power remote control(Stand-by LED)
- Screw terminals for signal input to make an easy installation.
- PGM audio muting level controller when priority control signal input.
- Priority Audio input terminal and priority control terminal.
- Inrush circuit protection for AC power on.
- 400Hz filter to improve sound quality.

OPTIONAL FUNCTION OF DPT SERIES

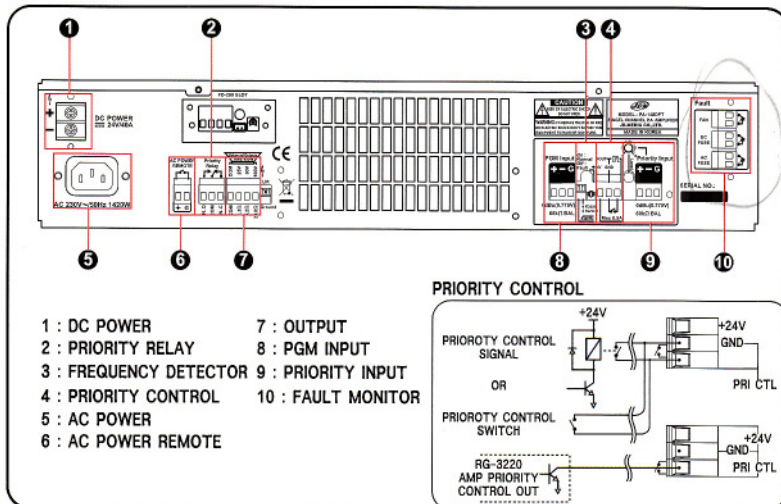
- Fault monitoring of fan fault, DC fuse fault and AC fuse fault.

TECHNICAL SPECIFICATIONS

TECHNICAL DATA	PA-112DP/DPT	PA-124DP/DPT	PA-136DP/DPT	PA-148DP/DPT
Rated Output(RMS/MAX)	120W/180W	240W/360W	360W/540W	480W/720W
THD at 1kHz	Less than 0.4%			
Power Consumption	328W	650W	1100W	1420W
1/8 Power Current draw 120V/230V	1.4A / 0.7A	2.9A / 1.6A	4.3A / 2.4A	5.5A / 3.1A
1/3 Power Current draw 120V/230V	2.3A / 1.1A	4.4A / 2.3A	6.5A / 3.6A	8.2A / 4.6A
Rated Power Current draw 120V/230V	3.3A / 1.7A	7A / 3.7A	10.4A / 5.7A	13.6A / 7.4A
Weight(kg)	12kg	14kg	17kg	18kg
Input Sensitivity/Impedance(PGM, PRIORITY)	0dBu(0.775V) / 60kΩ BALANCED			
Frequency Response	Less than -3dB (35Hz ~ 20KHz)			
Signal to Noise Ratio	More than 100dB ("A" WEIGHT)			
Input Filter (H.P.F)	400Hz / -3dB			
Power (Option)	AC230V/50Hz, DC24V			
Dimensions(m/m)	483(W)x88(H)x374(D)m/m			

Output Impedance	PA-112DP/DPT			PA-124DP/DPT			PA-136DP/DPT			PA-148DP/DPT														
	EUROPE		AMERICA	EUROPE		AMERICA	EUROPE		AMERICA	EUROPE		AMERICA												
	25V	50V	100V	25V	35V	70V	25V	50V	100V	25V	35V	70V												
	5.2Ω	20.8Ω	83.3Ω	5.2Ω	10.4Ω	41.7Ω	2.6Ω	10.4Ω	41.7Ω	2.6Ω	5.2Ω	20.8Ω	1.7Ω	6.9Ω	27.8Ω	1.7Ω	3.5Ω	13.9Ω	1.3Ω	5.2Ω	20.8Ω	1.3Ω	2.6Ω	10.4Ω

REAR VIEW



DRAWING

