

DUAL CHANNEL P.A POWER AMPLIFIER

PA-212DP/224DP



FEATURES

- Automatic variable speed fan by thermal sensor on the heatsink.
- 25V, 35V, 50V, 70V and 100V Outputs formatching 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 of the output terminal board allows emergency paging to be distributed through 3-wire or 4-wire system wiring that requires the DC power supply.
- Rated outputs 120W x 2, 240W x 2(RMS).
- Optional fault detector module makes detection of speaker line fault or amplifier fault and change from fault amplifier intoStand-by amplifier by FS-3381(Fault stand-by AMP switcher).
- Full protection for product reliability.
 - Overload and speaker line short limiter circuit.
 - Overcurrent limiter circuit.
- Input level:0dBu(0.775V) 60kohm balanced. (2 Program and 2 priority Inputs)
- In-Rush current circuit protection.
- Override Audio input terminal and Override control terminal.
- PGM audio muting level controller when Override control signal input.
- 400Hz filter to improve sound quality
- Screw terminals for signal input to make an easy installation.
- AC power remote control(Stand-by LED)
- +24V DC out put to external accessories(max. 500mA).

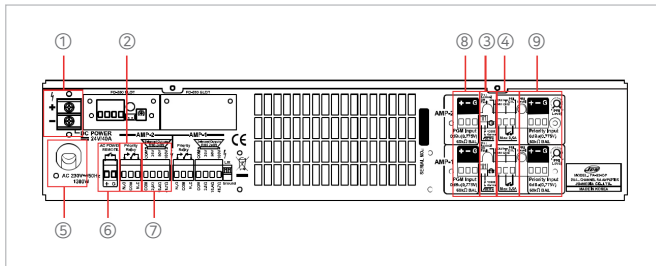
OPTIONAL FUNCTION OF DPT SERIES

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

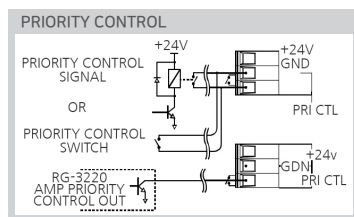
SPECIFICATIONS

TECHNICAL DATA	PA-212DP			PA-224DP		
RATED OUTPUT	120W(RMS) x 2			240W(RMS) x 2		
POWER CONSUMPTION	670W			1300W		
1/8 POWER CURRENT DRAW 230V	2.8A / 1.4A			5.6A / 2.8A		
1/3 POWER CURRENT DRAW 230V	4.4A / 2.2A			8A / 4A		
RATED POWER CURRENT DRAW 230V	6.8A / 3.4A			13A / 6.6A		
WEIGHT(kg)	18kg			21.5Kg		
OUTPUT IMPEDANCE	25V	50V	100V	25V	50V	100V
	5.2Ω	20.8Ω	83.3Ω	2.6Ω	10.4Ω	41.7Ω
FREQUENCY RESPONSE	Less than -3dB (35Hz ~ 20KHz)					
SIGNAL TO NOISE RATIO	More than 100dB ("A" WEIGHT)					
THD AT 1KHZ	Less than 0.4%					
INPUT FILTER(H.P.F)	400Hz / -3dB					
INPUT SENSITIVITY/IMPEDANCE(PGM, PRIORITY)	0dBu(0.775V)/ 60kΩ BALANCED					
POWER	AC230V/50Hz, DC24V					
DIMENSIONS(mm)	483(W)x 133(H)x 374(D)mm					

REAR VIEW



- ① DC POWER
- ② PRIORITY RELAY
- ③ FREQUENCY DETECTOR
- ④ PRIORITY CONTROL
- ⑤ AC POWER
- ⑥ AC POWER REMOTE
- ⑦ OUTPUT
- ⑧ PGM INPUT
- ⑨ PRIORITY INPUT



DRAWING

