

PA-412/424DP/DPT

Quad 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.
- (4 Program and 4 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:120Wx4, 240Wx4(RMS).
- Full protection for product reliability.
 - Overload and speaker line short limiter circuit.
 - Overcurrent 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.

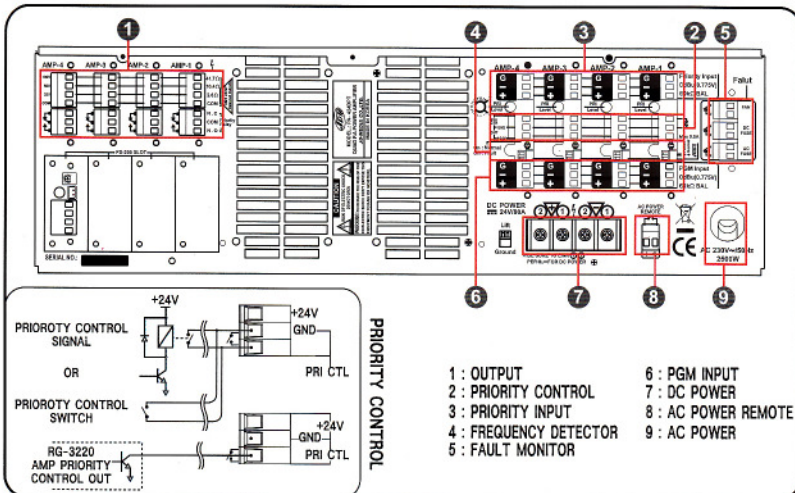
OPTIONAL FUNCTION OF DPT SERIES

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

TECHNICAL SPECIFICATIONS

TECHNICAL DATA	PA-412DP/DPT	PA-424DP-DPT				
Rated Output(RMS/MAX)	120W/180W x 4	240W/360W x 4				
Power Consumption	1300W	2500W				
1/8 Power Current draw	3A	5A				
1/3 Power Current draw	4.4A	7.5A				
Rated Power Current draw	6.8A	23.6A / 11.8A				
Weight(kg)	26kg	29kg				
Output Impedance	25V 5.2Ω	50V 20.8Ω	100V 83.3Ω	25V 2.6Ω	50V 10.4Ω	100V 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 (m/m)	483(W)x 133(H)x 374(D)m/m					

REAR VIEW



DRAWING

