

JPA-060DP/120DP/240DP/360DP/480DP

1 CHANNEL PA POWER AMPLIFIER

JPA-060D/120D/240D/360D/480D

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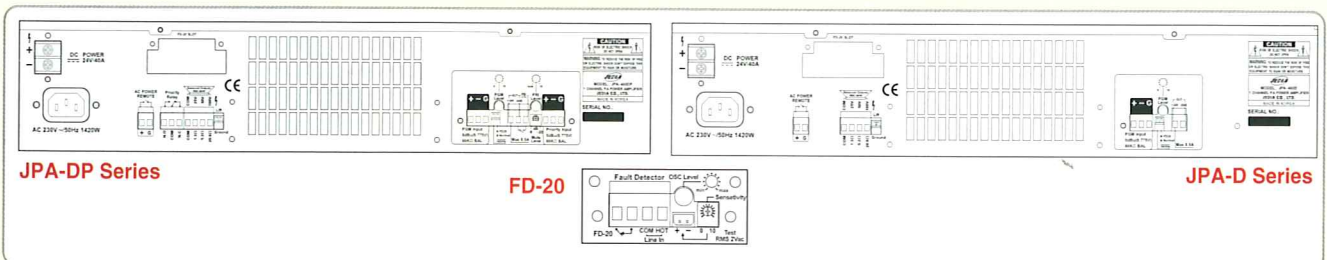
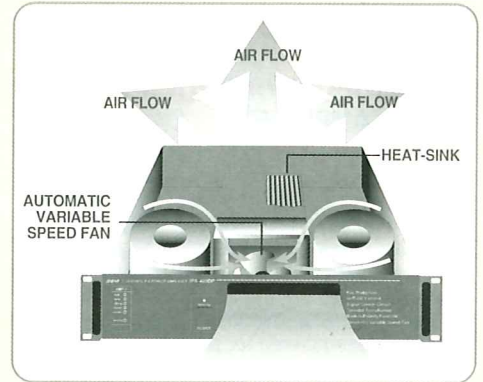
FEATURES

- Rated outputs: 60W/120W/240W/360W/480W(RMS).
- Input level:0dBu(0.775V)/66kΩ balanced.(1 Program and 1 Priority Inputs)
- Full protection for product reliability.
 - Overload and speaker line short limiter circuit.
 - Over current limiter circuit.
- Automatic variable speed FAN by temperature of heatsink.
- 400Hz filter to improve clearance of sound quality for matching of resonant sound of inner side.
- 25V, 35V, 50V, 70V and 100V Outputs for matching of speaker impedance(optional).
- Screw terminals for signal input to make an easy installation.
- Soft start circuit for AC power on.
- Designed for operation either AC mains or 24VDC.
- +24V DC out to external accessories (max. 500mA).
- AC power remote control(Stand-by LED)
- Optional FAULT DETECTOR MODULE(FD-20) can easily be fitted for monitoring of amplifiers and loudspeaker line(short, open) failures.
- Priority Audio input terminal and priority control terminal.
- PGM audio muting level controller when priority control signal input.
- A priority 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.
- Optional fault detector module makes detection of speaker line fault or amplifier fault and change from fault amplifier into Stand-by amplifier by JFS-381(Fault stand-by AMP switcher).



SPECIFICATIONS

Input sensitivity/Impedance (PGM, Priority)	0dBu(0.775V) /66kΩ Bal						
Rated Output	JPA-060DP(D) : 60W(RMS)			JPA-120DP(D) : 120W(RMS)			
	JPA-240DP(D) : 240W(RMS)			JPA-360DP(D) : 360W(RMS)			
Output Impedance							
		EUROPE			AMERICA		
		25V	50V	100V	25V	35V	70V
JPA-060DP(D)	10.4Ω	41.7Ω	167Ω	10.4Ω	20.8Ω	83.3Ω	83.3Ω
JPA-120DP(D)	5.2Ω	20.8Ω	83.3Ω	5.2Ω	10.4Ω	41.7Ω	41.7Ω
JPA-240DP(D)	2.6Ω	10.4Ω	41.7Ω	2.6Ω	5.2Ω	20.8Ω	20.8Ω
JPA-360DP(D)	1.7Ω	6.9Ω	27.8Ω	1.7Ω	3.5Ω	13.9Ω	13.9Ω
JPA-480DP(D)	1.3Ω	5.2Ω	20.8Ω	1.3Ω	2.6Ω	10.4Ω	10.4Ω
Frequency Response	Less than -3dB (35Hz ~ 20kHz)						
Signal to Noise Ratio	More than 100dB("A" weight)						
THD	Less than 0.5% (1kHz)						
Input Filter(H.P.F)	400Hz / -3dB						
Power Consumption	JPA-060DP(D) : 174W			JPA-060DP(D) : 328W			
	JPA-240DP(D) : 735W			JPA-360DP(D) : 1100W			
	JPA-480DP(D) : 1420W						
1/8 Power Current draw 120V/230V	JPA-060DP(D) : 0.8A/0.44A			JPA-060DP(D) : 1.45A/0.77A			
	JPA-240DP(D) : 2.97A/1.6A			JPA-360DP(D) : 4.36A/2.4A			
	JPA-480DP(D) : 5.5A/3.1A						
1/3 Power Current draw 120V/230V	JPA-060DP(D) : 1.19A/0.63A			JPA-060DP(D) : 2.13A/1.13A			
	JPA-240DP(D) : 4.46A/2.39A			JPA-360DP(D) : 6.5A/3.6A			
	JPA-480DP(D) : 8.2A/4.6A						
Rated Power Current draw 120V/230V	JPA-060DP(D) : 1.85A/0.97A			JPA-060DP(D) : 3.32A/1.77A			
	JPA-240DP(D) : 7.0A/3.75A			JPA-360DP(D) : 10.4A/5.7A			
	JPA-480DP(D) : 13.6A/7.4A						
Power(option)	120V/230V/240VAC 50/60Hz , 24VDC						
Dimensions(mm)	483(W) × 88(H) × 374(D)						
	(inch) 19(W) × 3.5(H) × 14.7(D)						
Weight(kg/lbs)	JPA-060DP(D) : 11/24.3			JPA-360DP(D) : 17.5/38.6			
	JPA-120DP(D) : 12.5/27.6			JPA-480DP(D) : 18.5/40.8			
	JPA-240DP(D) : 14.5/32.0						



JPA-DP Series

FD-20

JPA-D Series