

SPECIFICATIONS

Model		DP-2200N	DP-4100N	DP-4065N	DP-4035N
Rated Power (THD=1%,Each channel works simultaneously with continuous sinusoidal 1 kHz)	8 Ω / Stereo	2 x 2000 W	4 x 1000 W	4 x 650 W	4 x 350 W
	4 Ω / Stereo	2 x 3400 W	4 x 1700 W	4 x 1100 W	4 x 595 W
	2 Ω / Stereo	2 x 4760 W	4 x 2890 W	4 x 1870 W	4 x 1010 W
	16 Ω / Bridge	1 x 4000 W	2 x 2000 W	2 x 1300 W	2 x 700 W
	8 Ω / Bridge	1 x 6800 W	2 x 3400 W	2 x 2200 W	2 x 1190 W
	4 Ω / Bridge	1 x 9520 W	2 x 5780 W	2 x 3740 W	2 x 2020 W
	100 V Hi-Z	2 x 3400 W	—	—	—
	70 V Hi-Z	2 x 2400 W	4 x 1700 W	4 x 1100 W	—
Output RMS voltage		126.5 V	89.4 V	72.1 V	52.9 V
Maximum Input Level		8.7 Vrms(+21 dBu)(Default Gain)			
Default Gain(Rated Power,1 kHz)		24 dB	21 dB	19 dB	17 dB
Gain(Rated Power,1 kHz)		24 dB~42 dB	21 dB~39 dB	19 dB~37 dB	17 dB~35 dB
THD+N		Typical value:0.05%(10% Rated Power,8 Ω)			
Cross-Talk		≥ 90 dB(20 Hz-1 kHz,Below Rated Power,8 Ω)			
Frequency Response		Typical value:+0,-0.5 dB(10% Rated Power,20 Hz-20 kHz,8 Ω)			
Input Impedance		20 k Ω (Balance),10 k Ω (Unbalance)			
Damping Factor		≥ 1000 (20 Hz-200 Hz,8 Ω)			
SNR		≥ 105 dB(Default Gain, A weighted,20 Hz-20 kHz,8 Ω)			
Main Power		90~260 VAC,50/60 Hz			
Protection		Power under-voltage protection· Amplifier output DC protection· Thermal Protection· Temperature Power Control· Overload Power Control			
Size(W×H×D)		483 x 45 x 376 mm			
Net Weight		9.3 kg	9.1 kg	9.1 kg	8.0 kg

*This power is measured by using a 20 ms pulse of 1 kHz sine wave at 1% total harmonic distortion.

Test signal: Pink Noise, bandwidth limited from 22 Hz to 22 kHz

1/8 power is typical of program material with occasional clipping. Refer to these figures for most applications.

1/3 power represents program material with extremely heavy clipping

4 x 350 W

		Line Current(A)		Power(W)			Thermal Dissipation	
	LOAD	220 V	110 V	IN	OUT	Dissipated	Btu/h	kcal/h
standby		0.6	1.3	140.0	0.0	140.0	477.8	120.4
1/8 power	8 Ω /CH	1.6	3.2	347.2	250.0	97.2	331.8	83.6
	4 Ω /CH	2.6	5.2	574.3	425.0	149.3	509.6	128.4
1/3 power	8 Ω /CH	3.7	7.5	823.0	666.7	156.4	533.7	134.5
	4 Ω /CH	6.3	12.6	1382.1	1133.3	248.8	849.0	214.0

4 x 650 W

		Line Current(A)		Power(W)			Thermal Dissipation	
	LOAD	220 V	110 V	IN	OUT	Dissipated	Btu/h	kcal/h
standby		0.6	1.3	140.0	0.0	140.0	477.8	120.4
1/8 power	8 Ω /CH	2.1	4.1	451.4	325.0	126.4	431.3	108.7
	4 Ω /CH	3.4	6.8	743.2	550.0	193.2	659.5	166.2
1/3 power	8 Ω /CH	4.9	9.7	1070.0	866.7	203.3	693.8	174.8
	4 Ω /CH	8.1	16.3	1788.6	1466.7	322.0	1098.7	276.9

4 x 1000 W

		Line Current(A)		Power(W)			Thermal Dissipation	
	LOAD	220 V	110 V	IN	OUT	Dissipated	Btu/h	kcal/h
standby		0.7	1.5	160.0	0.0	160.0	546.0	137.6
1/8 power	8 Ω /CH	3.2	6.3	694.4	500.0	194.4	663.6	167.2
	4 Ω /CH	5.2	10.4	1148.6	850.0	298.6	1019.2	256.8
1/3 power	8 Ω /CH	7.5	15.0	1646.1	1333.3	312.8	1067.3	269.0
	4 Ω /CH	12.6	25.1	2764.2	2266.7	497.6	1698.0	427.9

2 x 2000 W

		Line Current(A)		Power(W)			Thermal Dissipation	
	LOAD	220 V	110 V	IN	OUT	Dissipated	Btu/h	kcal/h
standby		0.5	1.0	110.0	0.0	110.0	375.4	94.6
1/8 power	8 Ω /CH	3.2	6.3	694.4	500.0	194.4	663.6	167.2
	4 Ω /CH	5.2	10.4	1148.6	850.0	298.6	1019.2	256.8
1/3 power	8 Ω /CH	7.5	15.0	1646.1	1333.3	312.8	1067.3	269.0
	4 Ω /CH	12.6	25.1	2764.2	2266.7	497.6	1698.0	427.9

*1 W=0.860 kal/h, 1 BTU=0.252 kcal