

General specifications

		PC412-D	PC412-DI	PC406-D	PC406-DI
Output 1kHz, non-clip, 20 msec burst, all channels driven	16Ω	600 W × 4	600 W × 4	300 W × 4	300 W × 4
	8Ω	1200 W × 4	1200 W × 4	600 W × 4	600 W × 4
	4Ω	1900 W × 4	1900 W × 4	900 W × 4	900 W × 4
	2Ω	2500 W × 4	2500 W × 4	1300 W × 4	1300 W × 4
	8Ω (BRIDGE mode)	3800 W × 2	3800 W × 2	1800 W × 2	1800 W × 2
	4Ω (BRIDGE mode)	5000 W × 2	5000 W × 2	2600 W × 2	2600 W × 2
	Hi-Z (70 V Mode)	—	1200 W × 4	—	600 W × 4
	Hi-Z (100 V Mode)	—	1200 W × 4	—	600 W × 4
Amplification method (output circuit)		Class D, Single ended output			
Total harmonic distortion	8Ω, 1 kHz, 10 W, all channels driven	0.01%			
	4Ω, 1 kHz, half power, all channels driven	0.1%			
Frequency response	8Ω, 1 W, 35 Hz – 20 kHz	±1.5 dB (+0.5, -1.5 dB)			
Crosstalk	8Ω, 1 kHz, half power, input 150Ω shunt A-weighted	≤ -60 dB			
S/N ratio	8Ω, gain setting = 32 dB, A-weighted	112 dB	112 dB	109 dB	109 dB
Maximum input voltage		+28 dBu	+28 dBu	+25 dBu	+28 dBu
Input impedance		20 kΩ (balanced)			
Dante interface	Channel count	16 IN with Dante Redundancy, 16 OUT			
	Sampling frequency	96/88.2/48/44.1 kHz			
Power supply requirements	Voltage *1	100–240 V 50 Hz/60 Hz			
Power consumption	1/8 MAX power, 2Ω, pink noise at all channels	1850 W	1850 W	1050 W	1075 W
	Idle	190 W	190 W	165 W	190 W
	Standby	120 V model/9 W, 230 V model/12 W			
Operating temperature		0°C – +40°C			
Storage temperature		-20°C – +60°C			
Dimensions (W × H × D)		480 × 88 × 528 mm (18.9 × 3.5 × 20.8 inch)			
Weight (with grill and handles)		16.0 kg (35.3 lbs)	16.0 kg (35.3 lbs)	15.6 kg (34.4 lbs)	15.9 kg (35.1 lbs)

*1 The unit has been verified to operate through a ±10% voltage variance from the rated power supply voltage.

NOTICE

When measuring the amplifier output, use a measuring device that supports balance input.

Incorrect connection will fail to provide a proper ground connection, causing the amplifier or the measuring device to malfunction.

The explanations in this document use the latest specifications as of the date of publication. The latest version can be downloaded from the Yamaha website.