

QX-280 Series Power Amplifiers

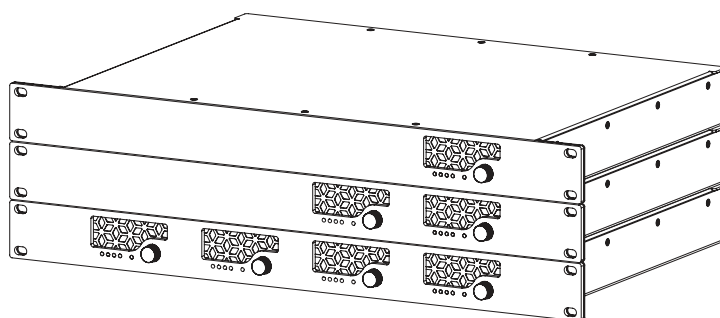
Overview

The QX-280 Series Power Amplifiers are a high efficiency, Class-D, compact solution for both 70/100V Line and Low Impedance Systems.

Available in 1, 2 or 4 Channel variants, the QX-280 Series is suitable for many different applications.

Features

- High Efficiency Class-D Amplifier(s)
- 70/100V or Low Impedance Operation
- Compact 1RU Chassis
- Available in 1, 2 or 4 Channel Models
- Auto-Sleep Function
- Selectable 80Hz High Pass Filter
- Thermally Controlled Fans
- Built-In Limiter Circuit



Made in Australia

Technical Specifications

*per channel

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Peak Output Current	25A			
THD+N (1kHz @ 1W / 1kHz ½ Rated Power)	0.022% / 0.015%			
Dynamic Range	119dBA			
Output Resistance (1kHz)	43.6mΩ			
Peak Output Voltage (unloaded)	±140V			
Power Output	4Ω	280W		
	8Ω	245W		
	70V	250W		
	100V	240W		
DC Offset	±7mV			
Frequency Response	±0.1dB 20Hz - 20kHz (1st order 22kHz LPF)			
Voltage Gain (@ 1kHz)	32dB			
Mechanical Specifications				
Net Weight	QX1280 - 4.5kg	QX2280 - 4.9kg	QX4280 - 5.7kg	
Gross Weight	QX1280 - 7.1kg	QX2280 - 7.5kg	QX4280 - 8.3kg	
Dimensions (H x W x D)	44 x 485 x 304mm			
Input Connections	3-Way 5.08mm Captive Screw Connector			
Output Connections	2-Way 5.08mm Locking Captive Screw Connector			
Mains Power Connection	IEC C14			
Mains Input Voltage	85 - 265VAC			

* All specifications were measured at 240VAC

** Quest Engineering reserves the right to make changes in specifications, or products without prior notice.

*** The figures shown above are 'real world', usable specifications and are conservative as a result. Quest Engineering does not believe in portraying misleading or exaggerated specifications.