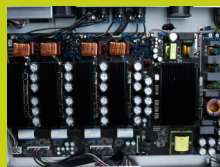


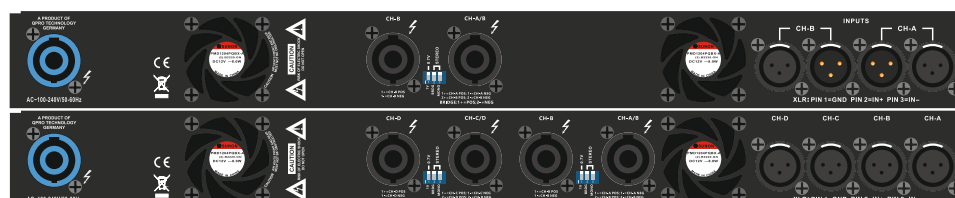


Description

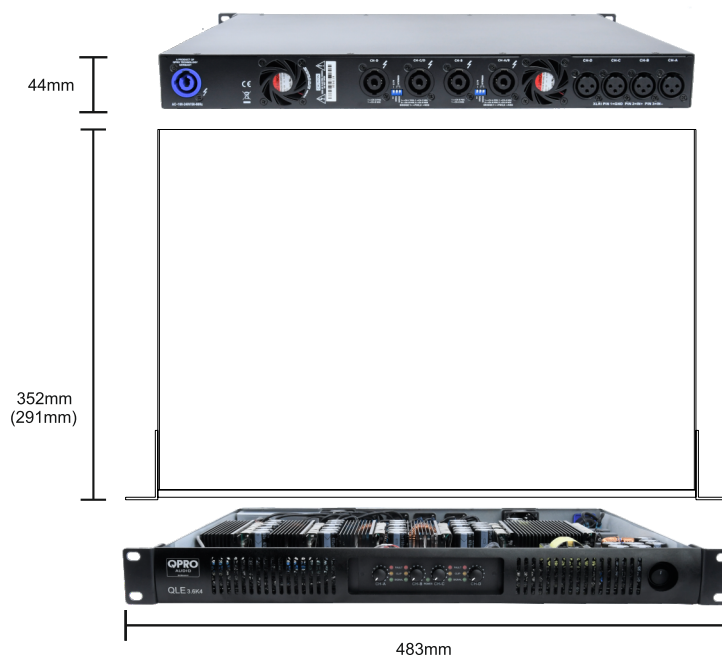
The QLE-Series amplifiers are digital two and four-channel amplifiers. All QLE models have a very high-efficient switch mode power supply, which ensures best and stable performance even at full power. Our digital amplifier technology, together with the use of best selected electronic components allows the 4 Ohm use of all two or four channels at same time with a maximum power. packed in a lightweight and compact size of 1U. The QLE-Series is equipped with a switch on the back panel to adjust the Input sensitivity to 0.7V or 1V to match with other devices. The SPEAKON outputs are mounted at the rear side. The SPEAKON connector of the output channel A (1+/1-) is connected with all four poles and offers the output signal of channel B at the pins 2 (+/-). Channel C + D is equipped with the same wiring. This four-pole connection makes it easy to connect a Sub / Sat system with one cable only. The QLE-Series can be switched into stereo, mono and bridge mode. In mono mode the input signal from channel A is linked to the output channel A + B, and input C is linked to output C + D. In bridged mode the connection is 1+/2- on output A and output C. The Clip limiter can be switched On/Off on all channels.



Functions



Icon	Function	Icon	Function	Illustration
	Power supply input 3 x 1.5mm ²		SIGNAL	More than "-32dB", LED is green.
	Signal input 0.7V or 1.0V		CLIP	More than 1% distortion, LED is yellow.
	Gain switch		FAULT	Protection, LED is red.
	Mode switch		POWER	Power On, LED is green.



Technical Data

Model		QLE 2.4K2	QLE 3.6K4	QLE 1.2K2
Rated Output Power(THD+N=1%,1kHz continue sine wave, all channel driving)	8Ω/Stereo	2X800W	4X600W	2X450W
	4Ω/Stereo	2X1200W	4X900W	2X600W
	16Ω/Bridge	1X1600W	2X1200W	1X900W
	8Ω/Bridge	1X2400W	2X1800W	1X1200W
Output RMS voltage		80.0V	69.3V	60.0V
Sensitivity		1Vrms,0.7Vrms(Rated Power,1kHz)		
THD+N		0.05% (10% Rated Power, typical)		
Cross-talk		≥75dB(20Hz-1kHz,below Rated Power)		
Frequency response		±0.2dB(10% Rated Power,20Hz-20kHz,8Ω)		
Input impedance		20kΩ (Balance) , 10kΩ (Unbalance)		
Damp factor		≥1000(8Ω,20Hz-200Hz)		
SNR		≥100dB(A weighted 20Hz-20kHz)		
Main power		220VAC(±10%), 50/60Hz		
Protection		Under voltage, DC, Over temperature, Over load limiter, Short protection.		
Size(W×H×D)		480x45x352mm		
Net weight		5.9kg	6.8kg	5.9kg