

QSC RMX 2450

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Kategorija proizvoda: Pojačala
Proizvođač: QSC

Cena: **1.204,00** EUR

RMX 2450

The RMX Series amplifiers give you clean, dynamic power with the legendary QSC sound quality and reliability that pros depend on. The RMX Series deliver unmatched performance at a breakthrough price. And with QSC's free 6 year warranty, the RMX is an even better value. *

[Amplifier Selector Tool](#)

Need help choosing the right RMX Series amplifier for your speakers? Select your loudspeakers from over 200 of the most popular models to find out which amplifier will provide optimal performance.

Muscular Power Plant

The power supply is the heart of an amplifier, converting raw AC power from the wall to clean DC for the audio circuitry. The RMX uses a powerful high-current toroidal transformer and ample filter capacitance to ensure generous energy reserves. This makes a critical difference in sound quality, allowing the amp to effortlessly punch out high level transients, even when driving abusive 2 ohm speaker loads.

Superior Performance

RMX amplifiers deliver true studio-quality sound. A full complementary output circuit using the highest-grade linear output devices delivers ultra-low distortion (<0.05% THD) and a ruler-flat frequency response. SMT (Surface Mount Technology) triples small-signal component density, enabling us to pack up to 2400 watts of power in a chassis only 2 rack spaces and less than 16" deep. And unlike other designs, RMX output devices are direct-mounted to the heat sink for optimum thermal coupling and cooling.

Comprehensive Features

The RMX Series is packed full of professional features that increase performance and flexibility:

The RMX 1850HD provides improved thermal performance that gives you higher continuous power in 2 ohms stereo or 4 ohms bridged applications (a RMX 1850HD exclusive!)

Independent defeatable clip limiters reduce distortion without sacrificing peak performance.

Barrier strip, XLR and 1/4" balanced inputs plus Speakon and binding post outputs provide easy connections.

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Proven Reliability

With over 30 years of building amplifiers for the largest touring companies and venues around the world, you can count on QSC's reputation for designing the most reliable amps available.

FEATURES

Compact size - up to 2400 watts in 2 rack spaces

Professional quality performance - incorporates road-proven QSC designs

High-

power and low noise	Independent user-defeatable clip limiters reduce distortion	Select speaker
	Balanced 1/4" (6.3mm) TRS, XLR and barrier strip inputs	Binding
	Front mounted gain controls for easy access	Signal
	Independent DC and thermal overload protection on each channel automatically protects amplifier and speakers	

SPECIFICATIONS	RMX 2450
	<i>STEREO MODE (Both Channels Driven)</i>
8 ohms FTC 20 Hz - 20 kHz, 0.1% THD EIA 1 kHz, 0.1% THD	450 W 500 W
4 ohms FTC 20 Hz - 20 kHz, 0.1% THD EIA 1 kHz, 0.1% THD	650 W 750 W
2 ohms EIA 1 kHz, 1% THD	1200 W
	<i>BRIDGE MONO MODE</i>
8 ohms FTC 20 Hz - 20 kHz, 0.1% THD EIA 1 kHz, 0.1% THD	1300 W 1500 W
4 ohms EIA 1 kHz, 1% THD	2400 W
Signal to Noise, 20 Hz-20 kHz	100 dB
Distortion (SMPTE-IM)	Less than 0.02%
Input Sensitivity @ 8 ohms	1.23V (+4.0 dBu)
Voltage Gain	50x (34 dB)
Output Circuitry	Class H
Power Requirements 1/8 power pink noise at 4 ohms *	7A
Distortion (Typical) 20 Hz - 20 kHz: 10 dB below rated power 1.0 kHz and below: full rated power	Less than 0.03% THD, 4 and 8 ohms Less than 0.03% THD, 4 and 8 ohms
Frequency Response	20 Hz-20 kHz, ±1 dB -3 dB points: 5 Hz - 50 kHz
Damping Factor, 1 kHz and below	Greater than 300 at 8 ohms
Input Impedance	10k ohms unbalanced, 20k ohms balanced
Input Clipping	10 Vrms (+22 dB)
Cooling	Continuously variable-speed fan, rear-to-front air flow

Connectors, each channel	Input: Active balanced; barrier strip, XLR and 1/4" (6.3mm) TRS tip and XLR (pin 2 positive) Output: touch-proof binding posts and Neutrik® Speakon®
Controls	Front: AC switch, Ch. 1 and Ch. 2 gain knobs Rear: 10-position DIP switch
Indicators	Power-On: Green LED Signal: Yellow LED (1 per channel) Clip: Red LED (1 per channel)
Amplifier Protection	Stable into reactive or mismatched loads
Load Protection	On/off muting, AC coupling (850, 1450), triac crowbar (1850HD, 2450, on each channel)
Power Requirements	100, 120, 230 VAC, 50-60 Hz
Dimensions	19" (48.3 cm) rack mounting, 3.5" (8.9 cm) tall (2 RU), 15.9" (40 cm) deep (rack mounting to rear support ears)
Weight	44.5 lbs (20.2 kg) net

* @ 120VAC, both channels driven; multiply current by 0.5 for 230V units

All Specification Subject to Change Without Notice.

Speakon is a trademark of Neutrik

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