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QSC RMX 2450 - Razglasno pojačalo

Šifra: 05411
Kategorija prozivoda: Razglasna Pojačala
Proizvođač: QSC



Cena: 142.416,00 rsd

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.
Selectable low-frequency filters boost system response, protect speakers and ensure low-end tightness by more precisely matching the amplifier's range to the loudspeakers.
Barrier strip, XLR and 1/4" balanced inputs plus Speakon and binding post outputs provide easy connections.

Low-noise variable speed fans with rear-to-front air flow keep amplifiers and racks cool.

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-current toroidal transformers for greater two-ohm power and low noise
Independent user-defeatable clip limiters reduce distortion
Selectable low-frequency filters (30 Hz or 50 Hz) protect speakers and increase headroom
Balanced 1/4" (6.3mm) TRS, XLR and barrier strip inputs
Binding post and Neutrik Speakon outputs
Front mounted gain controls for easy access
Signal and Clip LED indicators to monitor performance
Independent DC and thermal overload protection on each channel automatically protects amplifier and speakers

SPECIFICATIONS

RMX 2450

STEREO MODE (Both Channels Driven)
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
BRIDGE MONO MODE
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.

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.