

# QSC RMX 1450 - Razglasno pojačalo

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Proizvođač: QSC

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RMX  
1450

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.

## Features

- 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.

SPECIFICATIONS		RMX 1450	
STEREO MODE (Both Channels Driven)			
8 ohms FTC 20 Hz - 20 kHz, 0.1% THD EIA 1 kHz, 0.1% THD		260 W 280 W	
4 ohms FTC 20 Hz - 20 kHz, 0.1% THD EIA 1 kHz, 0.1% THD		400 W 450 W	
2 ohms EIA 1 kHz, 1% THD		700 W	
BRIDGE MONO MODE			
8 ohms FTC 20 Hz - 20 kHz, 0.1% THD EIA 1 kHz, 0.1% THD		800 W 900 W	
4 ohms EIA 1 kHz, 1% THD		1400 W	
Signal to Noise, 20 Hz-20 kHz		100 dB	
Distortion (SMPTE-IM)		Less than 0.01%	
Input Sensitivity @ 8 ohms		1.15V (+3.4 dBu)	

Voltage Gain		40x (32 dB)	
Output Circuitry		AB	
Power Requirements 1/8 power pink noise at 4 ohms *		6A	
	<b>ALL MODELS</b>		
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, $\pm 1$ 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)		
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)		