

## QSC RMX 1450 - Razglasno pojačalo

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Proizvođač: QSC



**Cena: 115.056,00 rsd**

### 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       |
|--|----------------|
| <b>STEREO MODE (Both Channels Driven)</b>                            |                |
| <b>8 ohms</b><br>FTC 20 Hz - 20 kHz, 0.1% THD<br>EIA 1 kHz, 0.1% THD | 260 W<br>280 W |
| <b>4 ohms</b><br>FTC 20 Hz - 20 kHz, 0.1% THD<br>EIA 1 kHz, 0.1% THD | 400 W<br>450 W |
| <b>2 ohms</b><br>EIA 1 kHz, 1% THD                                   | 700 W          |
| <b>BRIDGE MONO MODE</b>  |                |

|  |  |   |  |
|--|--|---|--|
| <b>8 ohms</b><br>FTC 20 Hz - 20 kHz, 0.1% THD<br>EIA 1 kHz, 0.1% THD                                   |  | 800 W<br>900 W  |  |
| <b>4 ohms</b><br>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<br>1/8 power pink noise at 4 ohms *   |  | 6A  |  |
| <b>ALL MODELS</b>  |  |   |  |
| Distortion (Typical)<br>20 Hz - 20 kHz: 10 dB below rated power<br>1.0 kHz and below: full rated power |  | Less than 0.03% THD, 4 and 8 ohms<br>Less than 0.03% THD, 4 and 8 ohms  |  |
| Frequency Response   |  | 20 Hz-20 kHz, $\pm 1$ dB<br>-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)<br>Output: touch-proof binding posts and Neutrik® Speakon® |  |
| Controls   |  | Front: AC switch, Ch. 1 and Ch. 2 gain knobs<br>Rear: 10-position DIP switch  |  |
| Indicators   |  | Power-On: Green LED<br>Signal: Yellow LED (1 per channel)<br>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,  |  |
| Power Requirements   |  | 100, 120, 230 VAC, 50-60 Hz   |  |
| Dimensions   |  | 19" (48.3 cm) rack mounting, 3.5" (8.9 cm) tall (2 RU),<br>15.9" (40 cm) deep (rack mounting to rear support ears)                                      |  |