

QSC RMX 1450 - Razglasno pojačalo

Šifra: 6329
 Kategorija proizvoda: Razglasna Pojačala
 Proizvođač: QSC

Cena: **95.880,00** 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 |
|--|---|
| | 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 |

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|--|---|------------------|--|
| 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 | |
| | ALL MODELS | | |
| 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) | | |
| 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) | | |