

Dekesi D-240

240W Integrated Mixer Amplifier — 2U Rack Mount



Key Highlights

- Rated output power **240W** — 70V / 100V & 4–16Ω speaker outputs
- **3 × MIC inputs** (TRS) + 2 × **AUX** + 1 × **EMC** emergency input
- **Signal priority** — MIC1 for announcements, EMC for emergency override
- **Bass ±10dB @ 100Hz** & **Treble ±10dB @ 10kHz** independent EQ
- Frequency response **50Hz–16kHz**, SNR up to **80dB** (AUX)
- Protection: **DC output, overload, overtemperature & short-circuit**
- Standard **2U rack mount** — 484 × 385 × 88mm, 10 kg

The **Dekesi D-240** is a 240W integrated mixer amplifier in a standard 2U rack format, designed for public address and broadcast audio systems. It supports constant voltage outputs at 70V/100V and a low-impedance 4–16Ω output, offering flexible speaker connectivity. Three TRS microphone inputs (MIC1–3), two AUX inputs, and one EMC emergency input with configurable signal priority ensure operational flexibility across diverse installations. Independent Bass and Treble controls (±10dB), individual volume adjustment per channel, a MIX output, and comprehensive protection circuits including DC, overload, overtemperature, and short-circuit protection make the D-240 a reliable choice for medium-scale announcement and amplification systems.

TECHNICAL SPECIFICATIONS

Model	D-240	SNR — MIC	66 dB
Rated Output Power	240W	SNR — AUX	80 dB
Design	Standard 2U Rack Mount	Bass EQ	±10 dB @ 100 Hz
Speaker Output	4–16Ω / 70V / 100V	Treble EQ	±10 dB @ 10 kHz
MIC Inputs	MIC1, MIC2, MIC3 — TRS Unbalanced	THD	0.5% @ 1kHz, 1/3 Rated Power
MIC Sensitivity	5 mV / 600Ω	Protection	DC, Overload, Overtemperature, Short-Circuit
Line Input (MIC2/3)	775 mV / 10kΩ	Cooling	Forced Air — Fan ON @ ~55°C
AUX Inputs	AUX1, AUX2 — 350 mV / 10kΩ	Power Supply	AC 220V / 50Hz
EMC Input	775 mV / 10kΩ (Emergency Priority)	Dimensions (W×D×H)	484 × 385 × 88 mm

MIX Output	1000 mV / 470Ω	Weight	10 kg
Frequency Response	50 Hz – 16 kHz (+1dB / –3dB)		