

PR-SERIES Mixer Power Amplifiers

The PERION PR-Series consists of high-performance single-channel mixer power amplifiers designed for versatile audio distribution in various environments.

Key Features

- Power Options: Available in three rated power outputs: 60W, 250W, and 350W.
- Flexible Output: Equipped with a transformer for speaker outputs at 70V, 100V, and P1 (4-16 Ohm).
- Connectivity: Features 3 Microphone inputs, 2 AUX inputs, and 1 AUX output for linking additional devices.
- Audio Control: Includes separate adjustment knobs for treble and bass.
- Visual Monitoring: A five-element LED level meter is provided for quick and easy status visualization.
- Advanced Protection: Built-in support for short circuit, overload, and overheat protection.
- Muting Function: Mic 1 includes an override function that attenuates other input signals by 0 to -30dB.

Common Performance Parameters (All Models)

- Output Regulation: $\leq 3\text{dB}$ (From off-load to full load).
- Frequency Response: 50Hz - 20kHz ($\pm 3\text{dB}$).
- Distortion: Under 0.5% at 1 kHz, 1/3 rated power.
- S/N Ratio:
 - Mic 1, 2, and 3: 75dB.
 - AUX 1, 2: 80dB.
- Tone Control:
 - Bass: $\pm 10\text{ dB}$ at 100 Hz.
 - Treble: $\pm 10\text{ dB}$ at 100 Hz.
- Input Sensitivity: Mic 1-3: 600 Ohm, 3mV (Unbalanced).
- AUX 1, 2: 10k Ohm, $\leq 300\text{mV}$ (Unbalanced).
- Cooling: Fan automatically starts up when temperature reaches 55°C.
- Power Source: 220-240 V AC / 50-60Hz.
- Dimensions (LxVxH): 420 x 338 x 88mm

Specification	PR-60	PR-250	PR-350
Rated Output	60 W	250W	350W
Rated Power Consumption	120W	500W	650W
Net Weight	9kg	13kg	13.4kg
High Impedance Output	100V (83.3 Ohm), 70V (40.8 Ohm)	100V (40 Ohm), 70V (19.6 Ohm)	100V (28.6 Ohm), 70V (14 Ohm)
Low Impedance Output	4-16 Ohm (21.9V)	4-16 Ohm (31.6V)	4-16 Ohm (37.5V)

