A-230
PACKAGE AMPLIFIER

*Ready-to-install package amplifier with simple,
easy-to-use functions and
excellent cost performance.*

A-230 PACKAGE AMPLIFIER

The A-230 is designed to deliver consistently high-quality performance and reliability along with easy installation and simple operation. Separate bass and treble tone control functions make the sound clearer and more pleasing to the listener, while Mic 1 auto-muting facilitates announcements at any time, with a quick return to regular operation.

FEATURES

Cost effective package amplifier that's compact, lightweight and best suited for paging and background music distribution.
•Two microphone inputs, two auxiliary inputs.
•Ultra high performance with wide frequency response.
•Low noise and distortion.•Separate Bass and Treble controls.
•Attenuation of other input signals from 0 to −30dB by Mic 1 input signal.

SPECIFICATION

Power Source:	240V AC, 50Hz
Rated Output:	30W
Power Consumption:	34W (AC operation at 1/8 rated output, measured on EN60065)
Frequency Response:	50Hz − 20kHz (±3dB)
Distortion:	1% or less at 1kHz, 1/3 rated power
Input:	MIC 1:-60dB^x (1.0mV), 600Ω, unbalanced, equivalent to 5-pin DIN type
	MIC 2:-60dB* (1.0mV), 600Ω, unbalanced, equivalent to phone jack type
	AUX 1−2:-20dB* (100mV), 10kΩ, unbalanced, RCA pin jack
Output:	Speaker out: Floating balanced High impedance: 330Ω (100V) Low impedance: 4Ω (11V)
S/N Ratio:	60dB or more (MIC 1, 2) 70dB or more (AUX 1, 2)
Tone Control:	Bass: -10dB at 100Hz Treble: -10dB at 10kHz
Muting:	MIC 1 overrides other Mic inputs and AUX inputs with 0 − 30dB attenuation, attenuation by switch
Indicator:	Power LED, Signal LED
Finish:	Panel: ABS resin, black, hair line Case: Steel plate, black
Dimensions:	350 (W) × 105 (H) × 243 (D)mm (13.78" × 3.97" × 9.58")
Weight:	3.5kg (7.72 lb)*0dB = 1V

SYSTEM EXAMPLES

System Example 1 (Low impedance connection)

8 ohms

8 ohms

Audio Source

F-1000

F-1000

Microphone

System Example 2 (High impedance connection)

100V line

Audio Source

BS-1030

BS-1030

Paging Microphone