



HV Version

# A-230 PACKAGE AMPLIFIER



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

# A-230 Package Amplifier

TOA, a manufacturer with a history of more than 70 years of specializing in audio products, now introduces a basic amplifier package that includes the features and functions best suited for background music and paging applications. The TOA A-230 is designed to deliver consistently high-quality performance levels, along with easy installation and simple operation. Bass and treble tone control functions make the sound clear and comfortable to listen to, while Mic 1 auto-muting facilitates announcements at any time, with a quick return to regular operation.

## Features

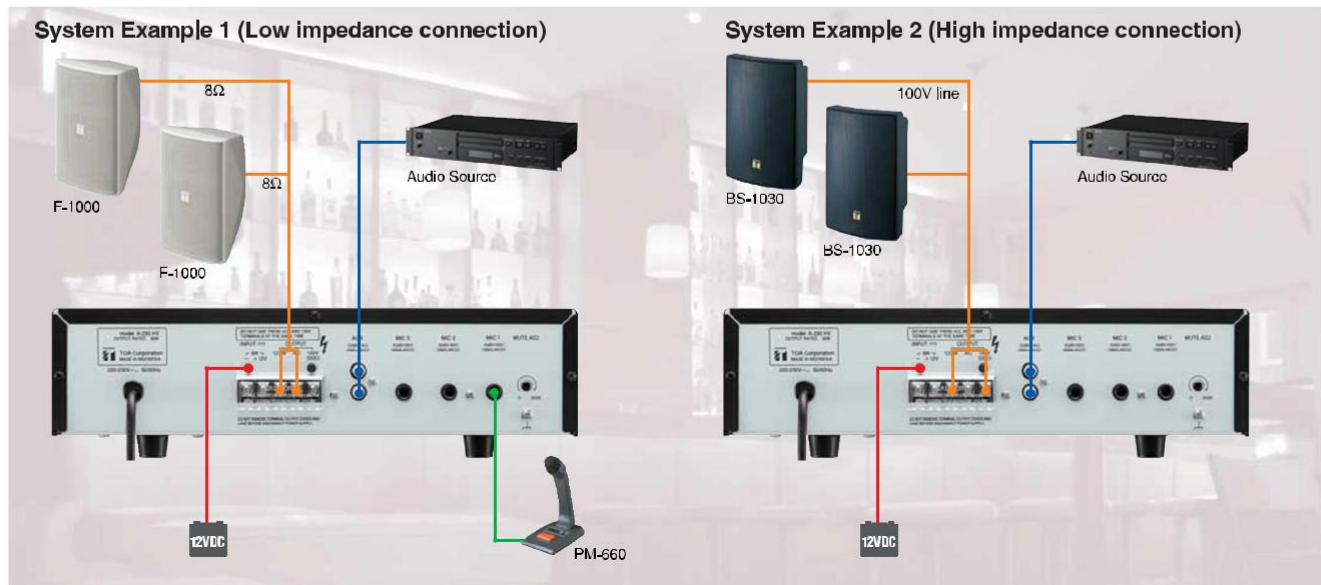
- Simple package amplifier with compact and lightweight body, suitable for paging and background music distribution.
- Three microphone inputs, one auxiliary input and 100V/4-ohm speaker outputs.
- Sure high performance with wide frequency response, and low noise and distortion.
- Either AC or DC operation.
- Comfortable acoustic spaces thanks to tone controls at bass and treble.
- Attenuation of other input signals from 0 to -30dB by Mic 1 input signal.

## Specifications

<b>Power Source:</b>	220 – 230V AC, 50/60Hz or 12V DC
<b>Rated Output:</b>	30W
<b>Power Consumption:</b>	34W (AC operation at 1/8 rated output, measured on EN60065)
<b>Current Consumption:</b>	4.5A (DC operation at rated output)
<b>Frequency Response:</b>	50 – 20,000Hz (±3dB)
<b>Distortion:</b>	Under 1% at 1kHz, 1/3 rated power
<b>Input:</b>	MIC 1 – 3: -60dB* (1.0mV), 600Ω, unbalanced, phone jack AUX: -20dB* (100mV), 10kΩ, unbalanced, RCA pin jack
<b>Output:</b>	Speaker out: Balanced (floating) High impedance: 330Ω (100V) Low impedance: 4Ω (11V)
<b>S/N Ratio:</b>	Over 60 dB (MIC 1 – 3) Over 70 dB (AUX)
<b>Tone Controls:</b>	Bass: -10 dB at 100 Hz Treble: -10 dB at 10k Hz
<b>Muting:</b>	MIC 1 overrides other mic inputs and AUX input with 0-30 dB attenuation.
<b>Indicator:</b>	Power LED, Signal LED
<b>Finish:</b>	Panel: ABS resin, black/Case: Steel plate, black
<b>Dimensions:</b>	350 (W) × 100 (H) × 240 (D)mm
<b>Weight:</b>	3.5kg

\*0dB = 1V

## System Examples



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Specifications are subject to change without notice.  
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