



A-230 Packaged Amplifier



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

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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

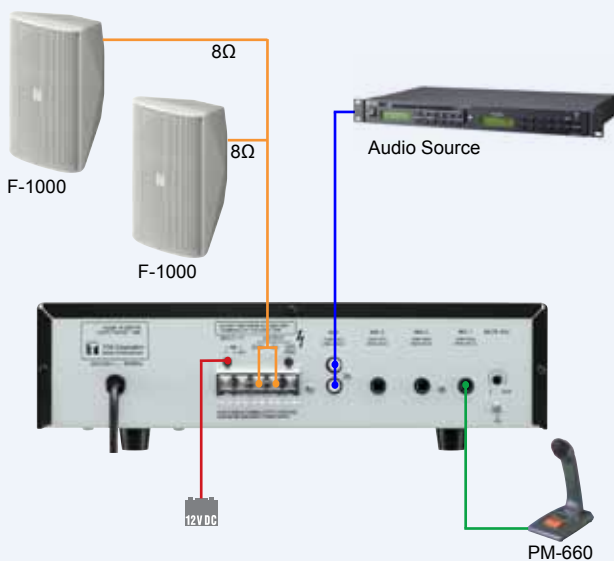
- Simple package amplifier with compact and light weight body, suitable for paging and background music distribution.
- Three microphone inputs, one auxiliary input and 100V/4 Ω speaker outputs.
- Sure high performance with wide frequency response, and low noise and distortion.
- Either AC or DC operation.
- 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

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

System Example

System Example 1 (Low impedance connection)



System Example 2 (High impedance connection)

