



EPA-500WE6Z

DIGITAL EVAC CONTROLLER

Features

- All-in-One Digital EVAC Amplifier
- Speaker Line Fault Monitoring
- AB speaker line surveillance
- Integrated EVAC, PA, BGM
- Built-in Class-D Amplifier
- 6 supervised control inputs & outputs
- Emergency Priority Activation Button
- Supports 32 Remote Microphones
- Independent Multi-Zone Outputs
- Dual Voice Message Players

Description

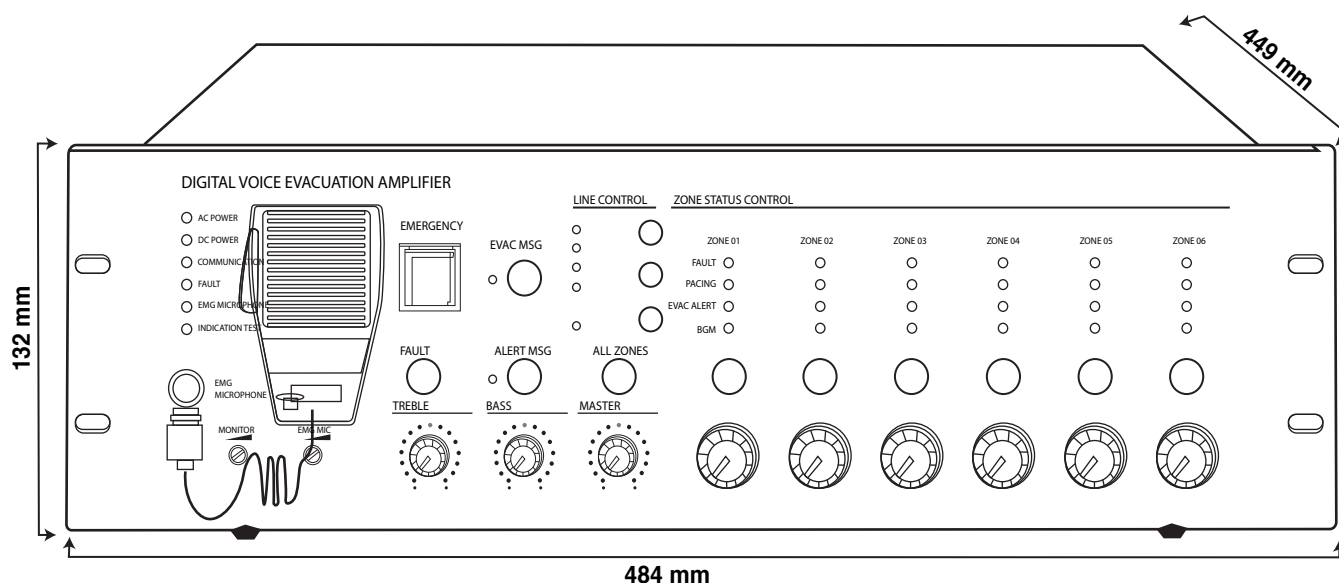
EKAVIS EPA-500WE6Z 6-zone voice alarm controller designed for reliable public address and emergency voice evacuation applications. With a built-in 500W amplifier, DSP audio processing, and comprehensive system supervision, it delivers clear, dependable performance for critical safety environments.

EKAVIS EPA-500WE6Z integrates remote PC software, emergency microphone support, amplifier changeover, speaker line supervision, and fire alarm interfaces into a single platform. Its intelligent zone management, programmable EVAC functions, and seamless synchronization with master controllers make it an ideal solution for scalable voice evacuation systems.

Technical Specification

Rated Power Output	500W
Fireman Microphone	5Mv, 600Ω
Line 1-2 Inputs	385mV, 10kΩbalanced Combo
Line 3-6 Inputs	350mV, 10kΩ, RCA
Frequency Response	80Hz~20kHz
THD	<1% at RMS, 1KHz
S/N Ratio	>70dB
Speaker Output	100V AB 6 zone speaker outputs
REC Output	200mV
Control Input & Output	6 programmable control inputs: Max 3.3V (voltage mode) or 0V closed contact 6 programmable control outputs: 0V closed contact; Control output for fault & EVAC: 0V closed contact; Reset control input: 0V closed contact
Voice Message	MP3 or WMA format, two separate players of SD card, programmable voice message up to 256
Event Record	HEX format, Hard Flash memory, events up to 1000 records, 10 years valid
AC Fuse	250V/6.3A, slow type and restorable fuse
Power Consumption	600W
Power Supply	AC230V or 115V & DC24V battery inputs, 50-60HZ
Operating Temperature	+5°C ~ +40°C
Humidity	≤95% (non condensing)
Dimension	484mm×132mm×449mm
Approximate Weight	24kg

Appearance and Dimensions(mm)



Ordering Information

EPA-500WE6Z

500W Digital EVAC Controller 6 Zone

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