



EPA-500WRE6Z

DIGITAL EVAC ROUTER

Features

- Independent Zone Volume Control
- AB Speaker Line Supervision
- Built-In Class-D Amplifier
- Integrated PA & BGM
- Automatic Amplifier Changeover
- 32 Remote Microphone Support
- Dual Voice Message Players
- 120 Zone Expansion

Description

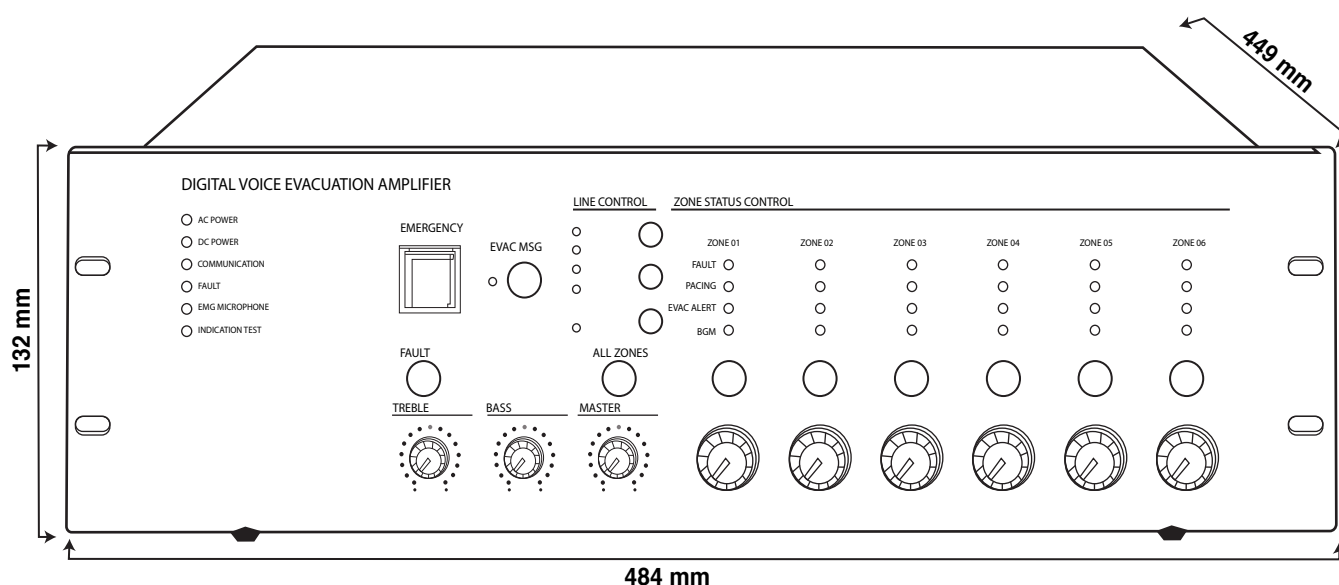
EKAVIS EPA-500WRE6Z is a high-performance 6-zone voice evacuation expansion router designed to extend the capabilities of large-scale PAVA systems. Equipped with a built-in Class-D amplifier, independent zone volume control, and advanced speaker line supervision, it ensures reliable audio distribution and seamless integration with PA, paging, and background music systems for mission-critical applications.

EKAVIS EPA-500WRE6Z offers intelligent system expansion with support for up to 120 zones through cascading, remote microphone connectivity, programmable control inputs and outputs, and automatic amplifier changeover during faults. With dual SD card message players, battery backup support, and comprehensive system monitoring, it delivers dependable performance for safe and efficient emergency voice evacuation.

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 8 zone speaker outputs
REC Output	200mV
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
Operating Temperature	+5°C ~ +40°C
Humidity	≤95% (non condensing)
Dimension	484mm×132mm×449mm
Approximate Weight	24kg

Appearance and Dimensions(mm)



Ordering Information

EPA-500WRE6Z

500W Digital EVAC Router 6 Zone

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