

4 Zone Wall Mount Voice Alarm Controller (120W)

DVA4-500T



DESCRIPTION:

Heinrich DVA4-500T (wall mount digital voice evacuation system) controller has built-in 2*120W 4 zone class-D amplifier. It includes an EVAC controller, paging system, PA system, and BGM system integrated together, as well as EVAC and alert voice message players with SD cards. For real-time monitoring, it also has a built-in 4 zone low-impedance speaker system. Built-in amplifier automatically switches to standby in case of a fault. It has a built-in battery charger for charging the battery and an input for an external amplifier to increase power. The capacity of connection 8 units remote microphones. This controller also features a red button to activate EVAC messages, except for the fireman microphone, 4 zone speaker outputs with separate zone volume control (ATT), 4 zone separate indicators for EVAC, fault, music/paging & select. System indicators for AC, DC, faults, and indicators for EVAC, alerts, and fireman microphones. Cascaded 7 routers provide 32 zones of capacity.

FEATURES:

- Digital voice evacuation system all in one amplifier.
- Specifications meet the standards of BS EN54-32 & En608409.
- EN54-16 standards certificate is under taken.
- Built-in 2*120W 4 zone class-D amplifier.
- Integration of EVAC controller, paging system, PA system & BGM system together.
- Built-in two separate players for EVAC and alert voice message by SD card.
- Built-in 4 zone speaker line low impedance real time supervision.
- Built-in amplifier auto changeover into standby when fault.
- Built-in battery charger to charge the battery.
- With external amplifier input to expansion the power.
- Capacity of connection 8 units remote microphones.
- Red button EVAC message push to activate with priority except fireman microphone.
- 4 zone speaker outputs with separate zone volume control (ATT).
- 4 zone separate indicator for EVAC, fault, music/paging & select.
- System indicators of AC, DC, fault and indicators for EVAC, alert & fireman microphone.

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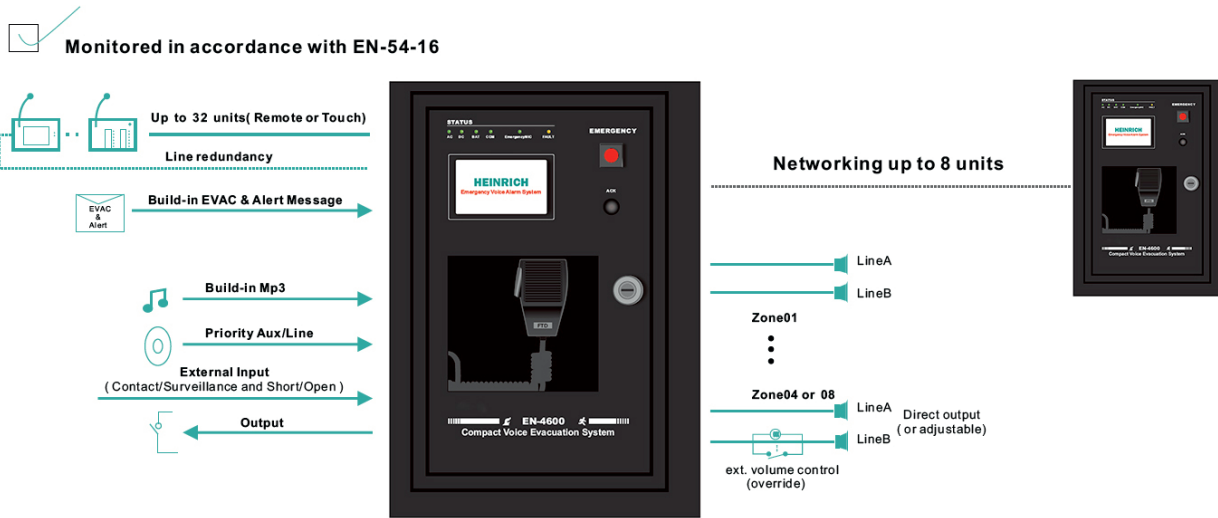
- Zone capacity of 32 zones by cascaded 7 routers.
- With 4 zone+1(all zone) programmable zone trigger contacts input and output for voice evacuation system.
- With Fault, EVAC outputs and Reset input for third party system integration.
- With fireman microphone of highest priority.
- Priority level: fireman mic, EMC MIC, EVAC and alert message, Line input & BGM.
- Two RJ45 ports for router, two RJ45 for remote microphone input
- AC 230V and DC24V battery input. Auto switch into the battery backup when AC fails.

SPECIFICATION:

Model	DVA4-500T
Description	4 Zone Voice Evacuation Amplifier
Rated Power Output	120W
Fireman Microphone	5Mv, 600Ω
Line 1 Inputs	385mV, 10kΩ unbalanced
MIC2 Inputs	350mV, 10kΩ, RCA, back up EMC microphone
Frequency Response	80Hz~20kHz
THD	<1% at RMS,1KHz
S/N Ratio	>70dB
Speaker Output	100V, 4 zone speaker outputs
REC Output	200mV
Control Input & Output	5 programmable control inputs: Max 3.3V (voltage mode) or 0V closed contact; 4 programmable control outputs: 0V closed contact.
Voice Message	MP3 or WMA format, two separate players of SD card with protection cover, programmable voice message up to 255,
Event Record	HEX format, Hard Flash memory, events up to 1000 records, 10 years valid
Operation Environment	Operation Temp: +5°C ~ +40°C; Store Temp: -20°C ~ +70°C; Operation Humidity: <95%
Power Consumption	150W
Power Supply	AC230V or 115V & DC24V battery inputs, 50-60Hz
AC Fuse	250V/6.3A, slow type and restorable fuse
Dimension	420(W)×450(H)×190(D) mm
Weight	12.3kg

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System function Diagram:



Disclaimer: As per our company policy one of the constant product improvements the right is there for reserved to modify the product specification without prior notice and the picture shown in the datasheet is a design base, the actual picture may vary.