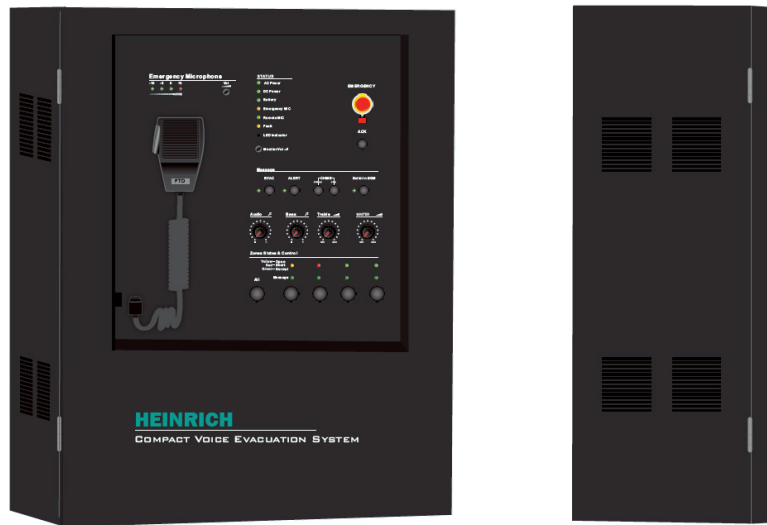


4 Zone Wall Mount Voice Evacuation Controller

DVA4W-500



DESCRIPTION:

Heinrich DVA4W-500 All-In-One Digital Voice Evacuation System controller is designed to meet the needs of paging system, PA system, BGM system and EVAC controller, All present in one controller together. It includes built-in amplifier with 4 zones of 120W each and it has separate zone volume control (ATT) in each zone. It has two separate EVAC players in addition to SD card players. It also features the standby mode if a fault problem arises. Additionally, it continuously monitors 4 zones of low-impedance speaker lines. It also has input from an external amplifier for power expansion. It can connect up to 8 remote microphone units & with the exception of the fireman's microphone. It can be activated emergency evacuation message by pressing the red EVAC button. It is a perfect solution for advanced and smart buildings.

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 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.
- 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.

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- 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 | DVA4W-500 |
| 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.