8 Zone Voice Evacuation Controller

DVA8-500

DESCRIPTION:

Heinrich's DVA8-500 represents a pinnacle in digital voice evacuation systems, offering a comprehensive solution for safety and communication needs in various settings. With specifications meeting BS EN54-32 & EN60849 standards and EN54 approval, this system ensures adherence to rigorous safety protocols. The DVA8-500 controller integrates several crucial functions, including an evacuation system, paging system, PA system, and background music (BGM) system, streamlining operations and enhancing efficiency. Equipped with built-in 500W 8-zone class-D amplifiers, it delivers robust and reliable performance.

Featuring two separate players for EVAC and alert voice messages via SD card, the system offers flexibility and customization options. With built-in low impedance supervision for 8 zone AB speaker lines and automatic amplifier changeover during faults, reliability is prioritized. The system's capacity extends to connection with 8 remote microphones and supports zone expansion for up to 160 zones through cascaded routers. With 8 programmable control inputs and outputs, seamless integration with third-party systems is facilitated.

Priority levels, including fireman microphone, EVAC, inputs, remote microphone, timer, and BGM, ensure critical messages are delivered promptly. The system also features various inputs and outputs, RJ45 ports for connectivity, and support for network redundancy. With AC and DC battery inputs and built-in monitor speaker, the system is prepared for various power scenarios. The inclusion of a DIP switch for ID and priority settings adds to its versatility and ease of use.

Overall, Heinrich's DVA8-500 sets a new standard in digital voice evacuation systems, combining advanced features, robust construction, and seamless integration capabilities for optimal safety and communication in diverse environments.

8 Zone Voice Evacuation Controller

FEATURES:

- Digital Voice Evacuation System all in one Controller.
- Specifications meet the standards of BS EN54-32 & En60849.
- DVA series is EN54 Approved.
- Built-in 500W 8 zone class-D amplifier.
- Integration of EVAC system, paging system, PA system & BGM system together.
- Built-in two separate players for EVAC and alert voice message by SD card.
- Built-in 8 zone AB speaker line low impedance supervision.
- Built-in amplifier auto changeover into standby when fault.
- With external amplifier input to expansion the power.
- Capacity of connection 8 units' remote microphone.
- Red button EVAC message push to activate with priority except fireman mic.
- 8 zone speaker output with separate zone volume control (ATT).
- 8 zone separate indicator for EVAC, fault.
- System indicators of AC, DC, fault and indicators for EVAC, alert & fireman mic.
- Zone capacity of 160 zones by cascaded 14 unit's routers.
- With 8 programmable control inputs and 8 programmable control outputs for EVAC system.
- With Fault, EVAC outputs and Reset input for third party system integration. With fireman microphone of highest priority.
- Priority level: fireman mic, EVAC, input 1, remote microphone, timer & BGM.
- Two combo inputs for mic/line, 8 line inputs and one rec output.
- Two RJ45 for cascade router and remote microphone over CAN BUS and one RJ45 for LAN/WAN/Internet network.
- IP network module for optional to buy.
- AC 230V and DC24V battery input. Auto Switch into the battery backup when AC fails.
- Digital voice evacuation system remote paging microphone, each microphone of 8 zone capacity.
- Zone expansion by connection with expansion unit (DVA8-500RT).
- System indicators of AC, DC, fault, Mic Status and test.
- 8 inputs & mic/line selection buttons.
- 8 zone selection buttons with three-coloured indicators.
- Reset/Cancel, All Call & Call buttons.
- Two RJ45 ports for input and link output.
- CAT5 or CAT6 cable communication up to 600 meters.
- AC 230V and DC24V battery inputs, Built-in monitor speaker.
- Support network redundancy, With DIP switch to set up ID and different priorities.
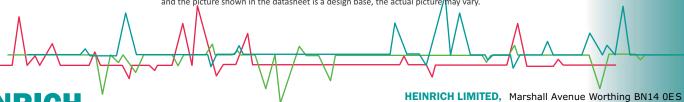
8 Zone Voice Evacuation Controller

SPECIFICATION:

Model	DVA8-500
Description	8 Zone Voice Evacuation Controller
Rated Power Output	500W
Fireman Microphone	5Mv, 600Ω
Line1-2 Inputs	385mV, 10KΩ balanced Combo
Line3-6 Inputs	350mV, 10KΩ, RCA
Frequency Response	80Hz~20KHz
THD	<0.1% at RMS, 1KHz
S/N Ratio	>70dB
Speaker Output	100V AB 8 zone speaker outputs
REC Output	200mV
Control Input & Output	8 program control inputs: Max 3.3V (voltage mode) or 0V closed contact, 8 program control outputs: 0v closed contact, Control output for fault & DVA8: 0V closed contact, Reset control input: 0V closed contact.
Voice Message	Mp3 or WMA format, two separate players of SD card with protection, Cover, programmable voice message up to 255, 10 years valid
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	600W
Power Supply	AC230V or 115V & DC24V battry inputs, 50-60Hz
AC Fuse	250V/6.3A, slow type and restorable fuse
Dimension	485(W)x133(H)x408(D) mm
Weight	21kg

8 Zone Voice Evacuation Router

DVA8-500RT

DESCRIPTION:

Heinrich's DVA8-500RT is an 8-zone voice evacuation extended router, designed to expand the zones to enhance safety and communication in emergency situations. This digital voice evacuation system can connect remote paging microphones, with each microphone supporting up to 8 zones. Zone expansion is facilitated through connection with the expansion unit (DVA8-500RT), allowing for scalable deployment based on specific needs. The system is equipped with indicators for AC, DC, fault, mic status, and test, ensuring operational clarity. With 8 inputs and mic/line selection buttons, as well as 8 zone selection buttons with three-colored indicators, users can easily manage and control communication channels. Additional features include reset/cancel, all call, and call buttons, along with two RJ45 ports for input and link output, enabling seamless connectivity. The system supports CAT5 or CAT6 cable communication up to 600 meters, ensuring reliable transmission. With AC 230V and DC24V battery inputs, built-in monitor speaker, support for network redundancy, and a DIP switch for setting up ID and different priorities, the DVA8-500RT offers comprehensive functionality for effective voice evacuation and communication management.

FEATURES:

- 8-zone voice evacuation extended router
- Remote paging microphone with 8-zone capacity
- Expandable system with connection to expansion unit (DVA8-500RT)
- System indicators for AC, DC, fault, mic status, and test
- 8 inputs and mic/line selection buttons
- 8 zone selection buttons with three-colored indicators
- Reset/cancel, all call, and call buttons
- Two RJ45 ports for input and link output
- CAT5 or CAT6 cable communication up to 600 meters
- AC 230V and DC24V battery inputs
- Built-in monitor speaker
- Support for network redundancy
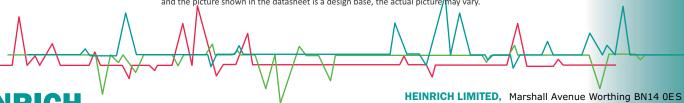- DIP switch for setting up ID and different priorities

8 Zone Voice Evacuation Router

SPECIFICATION:

Model	DVA8-500RT
Description	8 Zone Voice Evacuation Router
Rated Power Output	500W
Fireman Microphone	5Mv, 600Ω
Line1-2 Inputs	385mV, 10KΩ balanced Combo
Line3-6 Inputs	350mV, 10KΩ, RCA
Frequency Response	80Hz~20KHz
THD	<0.1% at RMS, 1KHz
S/N Ratio	>70dB
Speaker Output	100V AB 8 zone speaker outputs
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Power Consumption	600W
Power Supply	AC230V or 115V & DC24V bettry inputs, 50-60Hz
AC Fuse	250V/6.3A, slow type and restorable fuse
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