VOICE ALARM EVACUATION SYSTEM

System Features

EN54 standard
Flexible partition configuration
Multi-type alarm mode
Real-time line monitoring
Emergency paging broadcast
Dual power backup

VA-6000 Series System Features >>>

EN54-16, EN54-24 standard design

Conform with European voice alarm control and indicating equipment standards EN54-16 and EN54-24, according to the emergency voice communication system design, installation rules BS5839-9, compatible with 3-wire and 4-wire standard wiring

Integrating both professional voice alarm and public address as system functions

Integrate programmable voice broadcast, voice evacuation and background music timed play functions into one system. Easy operation, flexible configuration

More advanced technology, more reliable system

With advanced ASD system automatic fault diagnosis technology, SIM speaker lines automatic detection technology and DLB data lines automatic redundancy technology, system works more safely, stable and reliable

Real-timely monitor running status, emergency and status logs ≤2000

System can real-timely monitor bus loops between devices, also can achieve automatic fault diagnosis, data backup, redundancy and recording fault status (≤2000). It's Safe, stable and reliable

Flexible zone configuration

System controller can transmit 255-channel matrix audio signals, which can build system with 56 power-zones and system with 255 audio-zones. It can be provided as different solutions from small scale, medium scale to large scale places, which shows this system is economic and advanced

- **Work with Class-D digital amplifier to achieve enjoyment of Hi-Fi audio quality**

- **Based on local area network (LAN) hardware technology and network protocol**

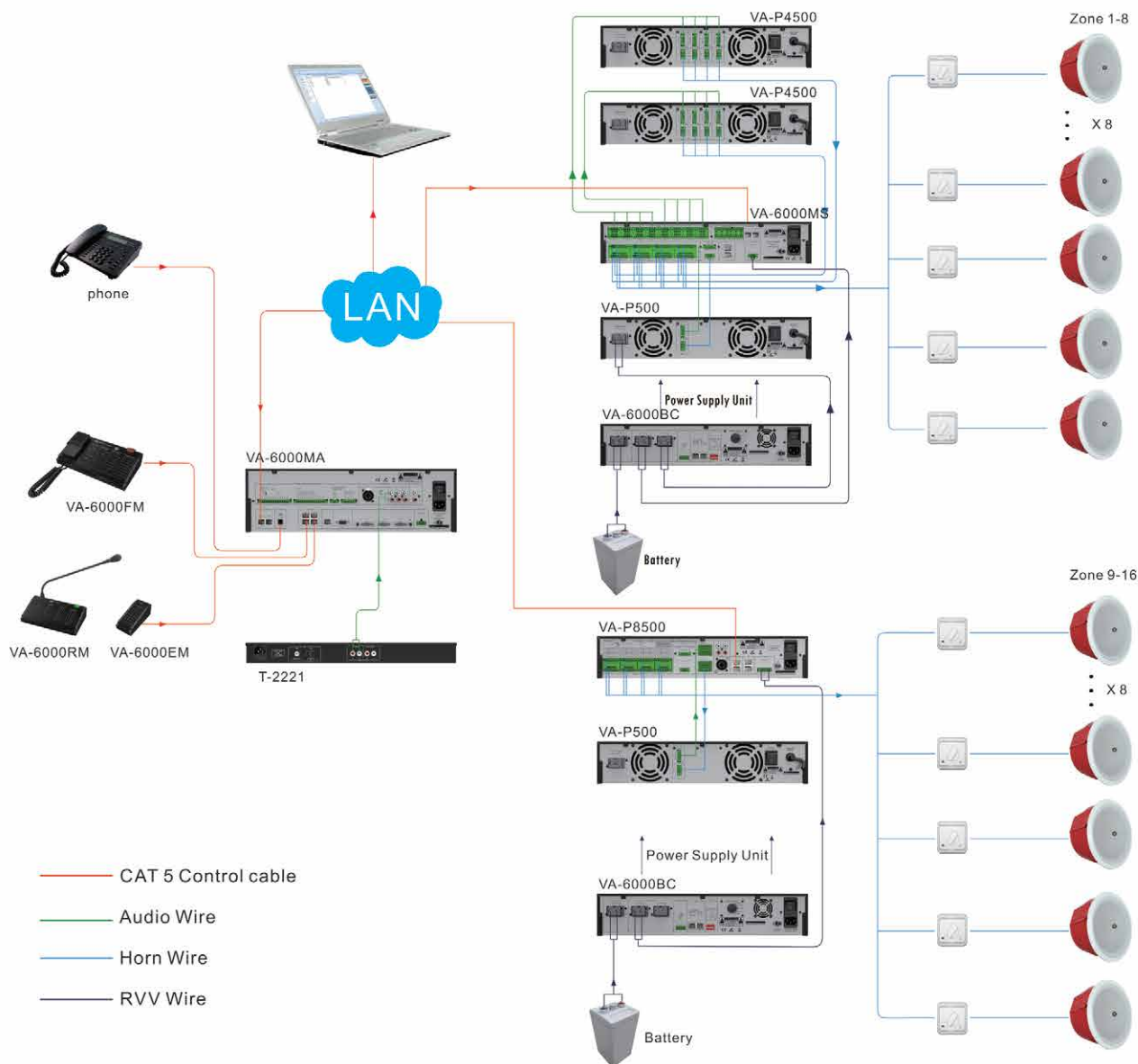- **CAN bus linkage control interface, up to 592 input / output control interfaces**

- **Visualized user interface, one key to call, upgrade user experience**

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VA-6000 Series
Voice Alarm Evacuation System >>>

VA-6000 series voice alarm evacuation system is based on local area network (LAN) hardware technology and network protocol, which is integrated with fire alarm & public address system. Transmit digital audio via LAN, to not only ensure that the audio signal can achieve long-distance transmission, but also solve signal attenuation, environmental electric/magnetic harassment and other issues in long-distance transmission; Adopt network architecture transmission, significantly reducing the cost of system construction and pre-wiring, which can bring convenience to system expansion and system maintenance at later stages.

System Diagram >>>

Legend:
- CAT 5 Control cable
- Audio Wire
- Horn Wire
- RVV Wire

Voice Alarm Evacuation System Controller VA-6000MA

* 5 inch HD color touch graphical man-machine operation interface.
* One button for emergency alarm.
* Support zone selection, zone distribution,grouping operation, with independent zone volume adjustment.
* Support user-defined zone name, group name, host name (multi-host network), easy to operate and manage.
* Support event trigger, timing trigger control output.
* Support zone monitor, equipment status real-time indication.
* Support event trigger phone call notification, can be set re-calling times when no answering.
* Integrated 4 independent players (supports MP3 and WMA audio formats).

8 Channel Changeover VA-6000MS

* 2U cabinet design, high integrated, and modularized design.
* Support speaker circuit grounding, open circuit and short circuit detection.
* Support 3/4 wire speaker loop wiring.
* 8 programmable trigger input interfaces.
* 8 programmable trigger output interfaces.
* Support power-saving mode when the amplifier has not input signal enters.
* Support line redundance wiring.
* Support linkage to fire alarm controller.

Remote Paging Microphone VA-6000RM

* One key to select zones/groups, easy to understand and operate.
* Parallel transmission; extend the transmission distance by CAT-5.
* Obvious system fault and module status indicator.
* Supporting zones or groups extension.
* With line audio input and adjustable input volume.
* Paging button mode and PTT mode are all available.
* Supporting redundant wiring.
* DC 24V Phantom Power supply.

Changeover Built in 8 Channel Amplifier VA-P8500S

* Support the speaker loop grounding, open circuit and short circuit detection.
* Support the speaker loop 3 /4 wire cabling.
* 8 Programmable trigger input interfaces.
* 8 Programmable trigger output interfaces.
* Support power amplifier enter power saving mode to save energy when no signal input.
* Support the line redundant cabling.
* Support linkage with fire alarm control unit to realize fire alarm linkage control.

Related Products

VA-6000BC

VA-6000FM

VA-6000EM

VA-6000T

VA-P120 VA-P240 VA-P350 VA-P500
VA-P2120 VA-P2240 VA-P2350 VA-P2500
VA-P4120 VA-P4240 VA-P4350 VA-P4500