



## 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 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-time monitor running status, emergency and status logs ≤2000

System can real-time 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

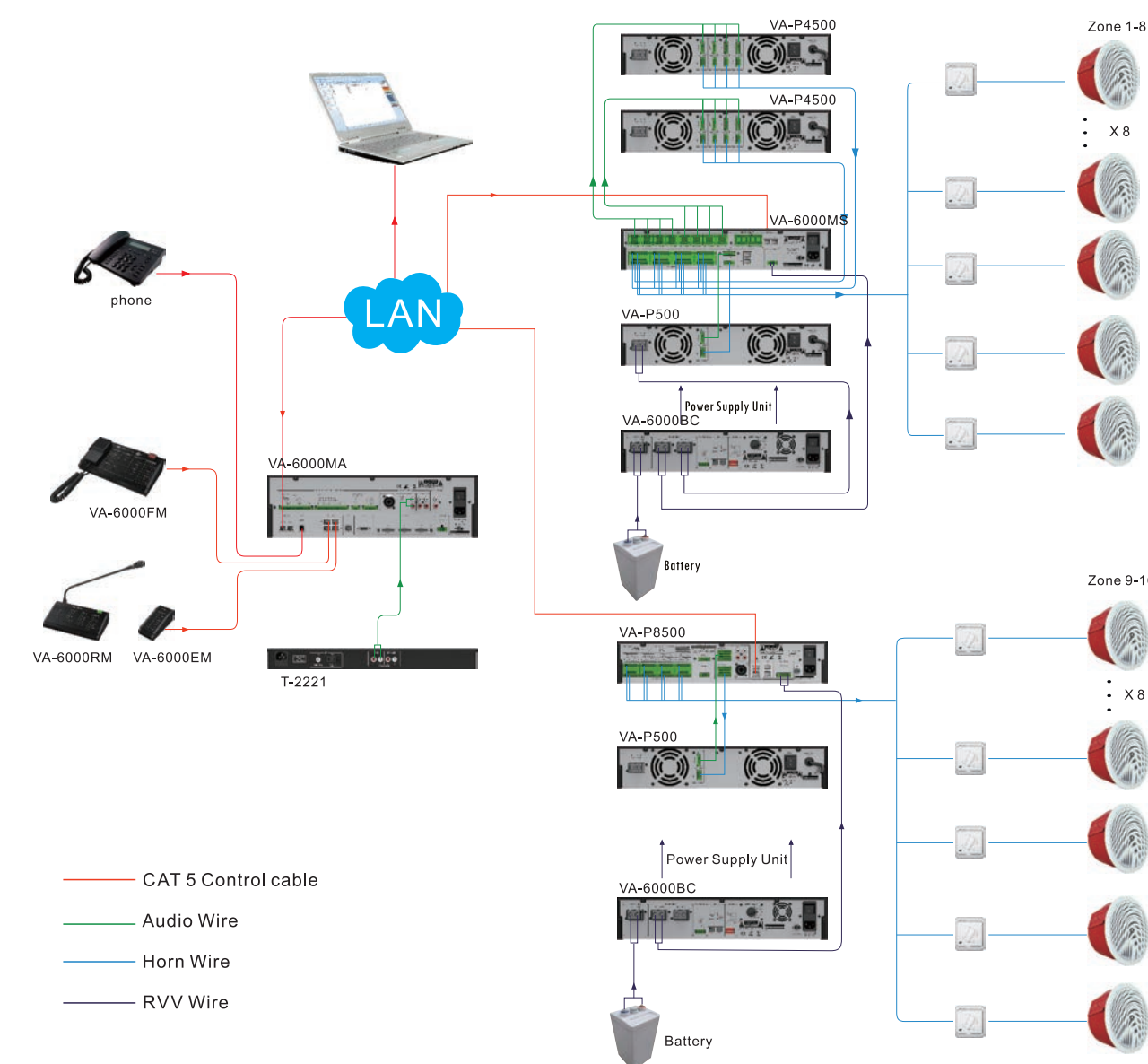
CAN bus linkage control interface, up to 592 input / output control interfaces

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

## VA-6000 Series Voice Alarm Evacuation System >>>

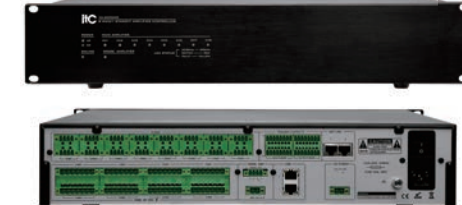
VA-6000 series voice alarm evacuation system is based on local area network (LAN) hardware technology and network protocol, which is integrated with fire alarm & public address system. Transmit digital audio via LAN, to not only ensure that the audio signal can achieve long-distance transmission, but 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 >>>



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 (support 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 wired speaker loop wiring.
- \* 8 programmable trigger input interfaces.
- \* 8 programmable trigger output interfaces.
- \* Support power-saving mode when no signal input.
- \* Support line redundancy 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.
- \* Support zones or groups extension.
- \* With line audio input and adjustable input volume.
- \* Paging button mode and PTT mode are all available.
- \* Support redundant wiring.
- \* DC 24V Phantom Power supply.



Changeover Built in 8 Channel Amplifier VA-P8500

- \* Support the speaker loop grounding, open circuit and short circuit detection.
- \* Support the speaker loop 3/4 wired 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-P120 VA-P2240 VA-P2350 VA-P2500  
VA-P4120 VA-P4240 VA-P4350 VA-P4500

ENSURE PUBLIC SAFETY

## 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

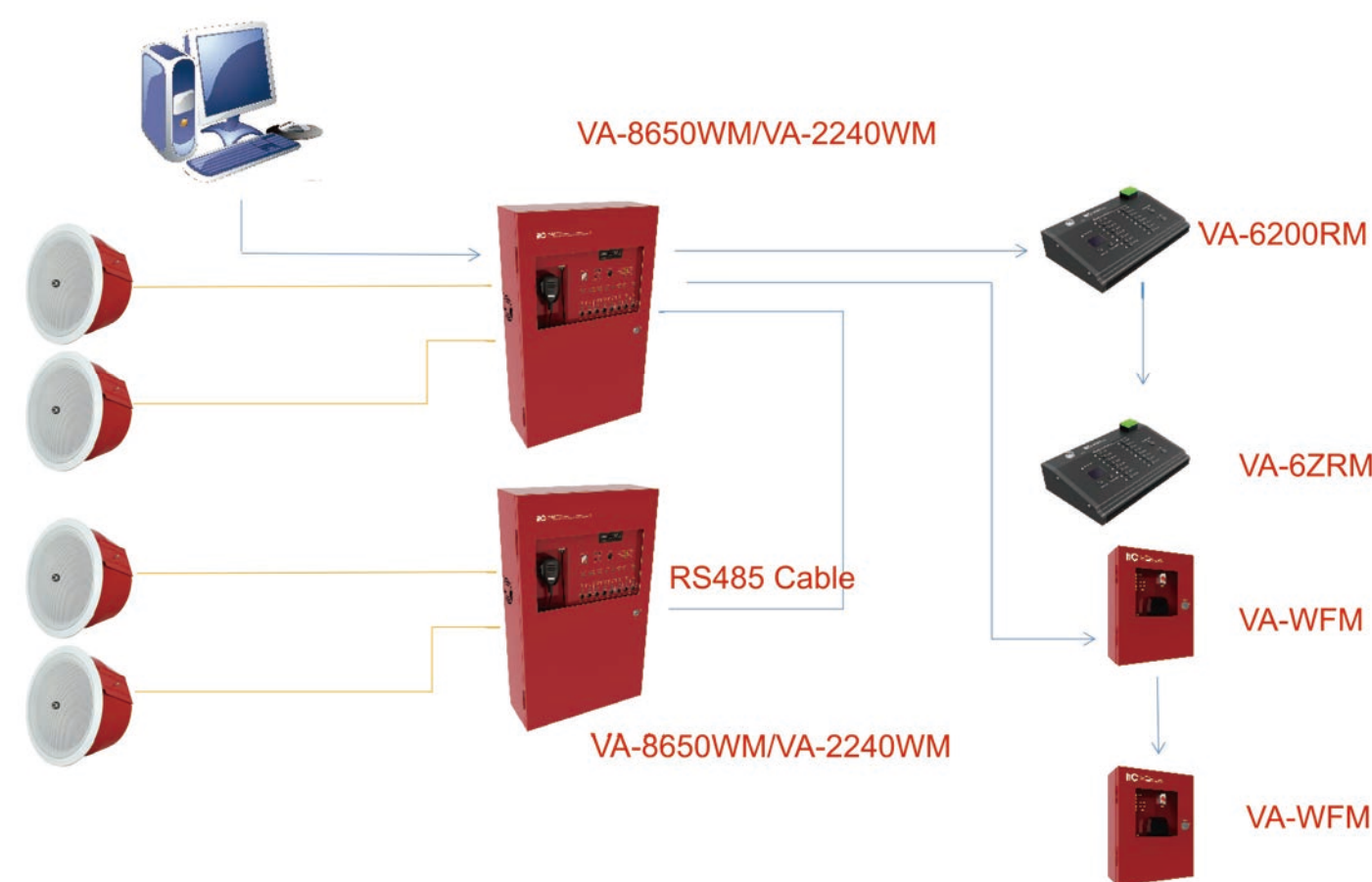




## Wall-mounted Series Voice Alarm Evacuation System >>>

This wall-mounted voice alarm evacuation system is designed for emergency broadcast and voice alarm. Support multi-linkage function, consisting of host, changeover, remote microphone and fire microphone. The system uses advanced power amplifier power distribution. All the partitions of one device share a 240W/650W power amplifier, which can reduce the configuration cost of each partition, which is very suitable for multi-partition and low power. It also has a power amplifier detection function.

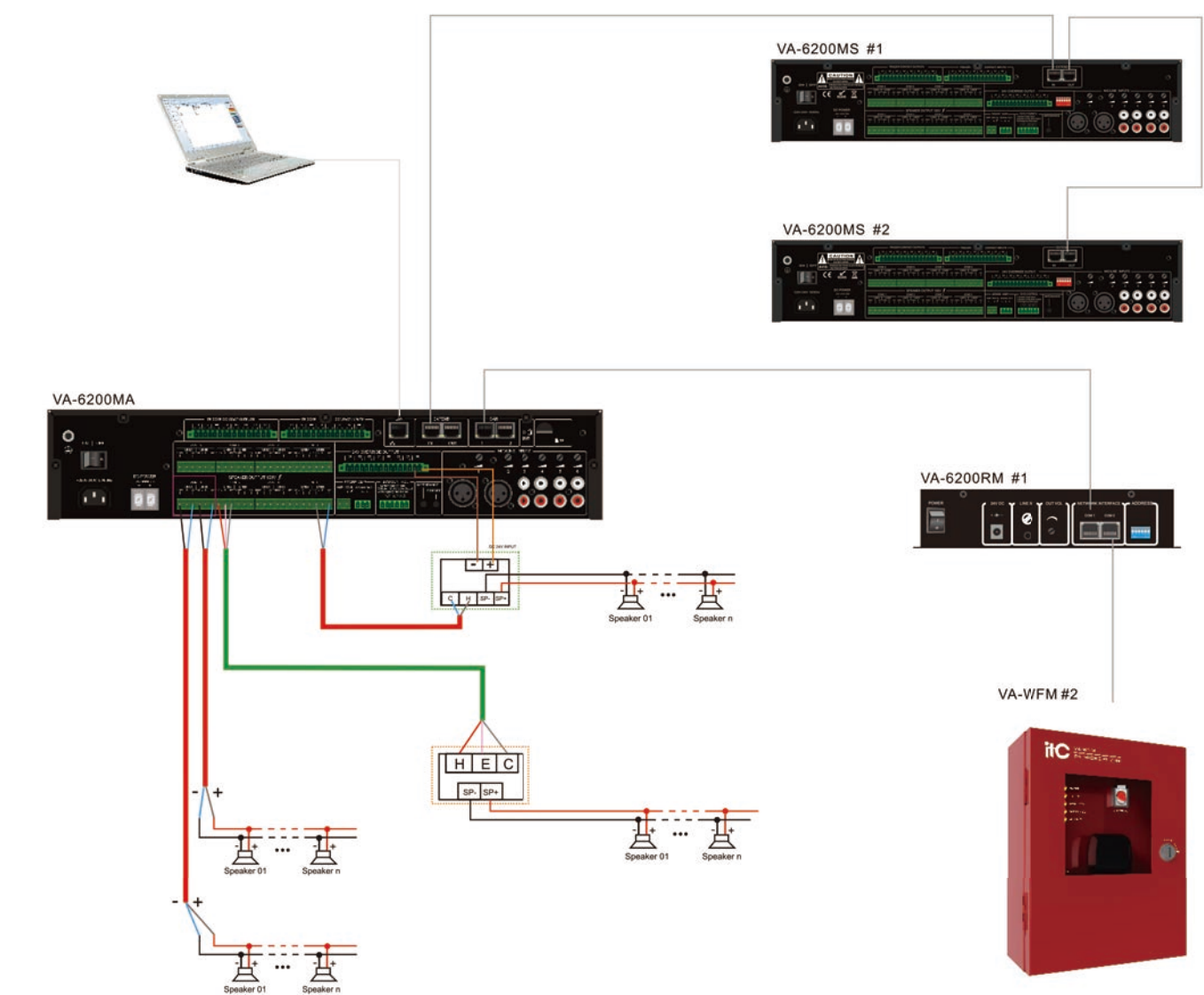
## System Diagram >>>



## VA-6200 Series Voice Alarm Evacuation System >>>

VA-6200 series is a voice alarm evacuation system designed for emergency broadcast and voice alarm requirements, complying with EN54-16 standard. The system provides multi-machine cascade function, and is composed of VA-6200MA host, VA-6200MS extension host, VA-6200RM remote paging microphone and VA-WFM wall-mounted fireman microphone. The maximum paging microphone quantity can be cascaded 19 VA-6200MS, extended to 160 partition 320 loop (A + B), up to 32 VA-6200RM remote paging microphones and VA-WFM fireman microphone can be configured.

## System Diagram >>>



Voice Alarm Evacuation System Controller VA-6200MA

- \* Built-in 500W amplifier, integrated 8 zones A + B independent dual speaker loop partition output, the partition has a separate LED indicator, a separate output control button and volume adjustment.
- \* Audio processing with 6 general audio inputs, it can connect with an external user microphone, CD player, radio and other audio signals, and can be achieved in any partition to play any audio source.
- \* The local emergency PTT microphone input (remote microphone, emergency voice), allowing users to freely change the audio output priority according to the actual situation, to configure audio input priority through the system control software.



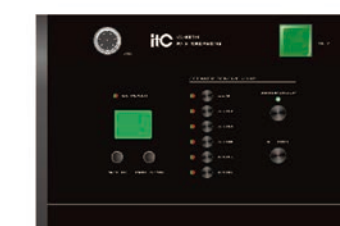
Extension Controller VA-6200MS

- \* Built-in 500W amplifier, with 8 zones and A+B independent dual speaker loop output, each zone has independent LED indicator light, output control button and volume adjustment.
- \* Audio processing with 6 general audio inputs, it can connect with external microphone, CD player, tuner and etc, it can play any audio source in any zone.
- \* Connecting with one backup amplifier, when built-in amplifier damaged, it will switch to backup amplifier automatically.
- \* Automatically monitor every zone speaker loop status in real-time.



Remote Paging Microphone VA-6200RM

- \* Support 16 zones, group paging button.
- \* System max support 32 remote paging microphones.
- \* Microphone support anti-misoperation plug.
- \* Support line audio input, and input/output volume is adjustable.
- \* Paging priority can be set by software.
- \* Support 24V DC power supply.



Paging Microphone VA-6ZRM

- \* Support 40 zones, 6 group paging button.
- \* Support zone configuration to any group.
- \* Remote microphone paging priority can be configured.
- \* Support 24 DC power supply, POE power supply.



Wall-mounted 2/8 Zones Voice Alarm Evacuation System Controller VA-2240WM/VA-8650WM

- \* Built-in 240W/650W high-efficiency digital power amplifier, integrated 2/8 power A + B independent dual-speaker loop zone output, each zone has independent LED indicator, independent output control buttons and volume adjustment.
- \* 4 audio balanced input interfaces for playing any audio source in the zones.
- \* Local emergency PTT microphone input and emergency voice can be configured by PC software to be played in specific zone.



Wall-mounted Fireman Microphone VA-WFM

- \* Paging to all zones in the system.
- \* Enter into or exit the emergency mode.
- \* Support fireman mic recording function.
- \* Support self detection in paging conflict status.
- \* Can display the EVAC/ALERT audio source status.
- \* Same priority of fireman mic and PTT mic.
- \* Support power supplied by 24V DC and network cable.

## Fireproof Speakers



VA-565/VA-575/VA-585

VA-105C

VA-770T

VA-720A

## VA-6200 Series & Wall-mounted Series System Features

- ☉ Suitable for European EN54-16 voice alarm evacuation system specifications
- ☉ Integrating both voice alarm evacuation system and public address system
- ☉ Simple system device connection
- ☉ Each section of the system adopts A+B dual loop design
- ☉ CAN bus linkage control interface
- ☉ Class D digital power amplifier (energy saving, high efficiency)
- ☉ Support voice alarm PTT emergency paging recording function
- ☉ Real-time monitoring of operating status, fault and emergency record ≤ 20000
- ☉ Simple and intuitive user interface, upgrade user experience
- ☉ Flexible partition/group paging operation
- ☉ Support max 160 zones extension