



All in One Wall-mounted Public Address and Voice Evacuation System VA-6500



Guangzhou Baolun Electronics Co., Ltd

Add: Building A13-1 Yiku Industrial Park, The Hills, Dongyi Road Panyu District Guangzhou China 511492
Tel: +86-20-34549655, 84593197, 31104730, 31104729 Fax: +86-20-84548799
Website: www.itctech.com.cn E-mail: info@itc-pa.com.cn

* Specifications are subject to change without notice.

BUILD A WORLD-CLASS BRAND



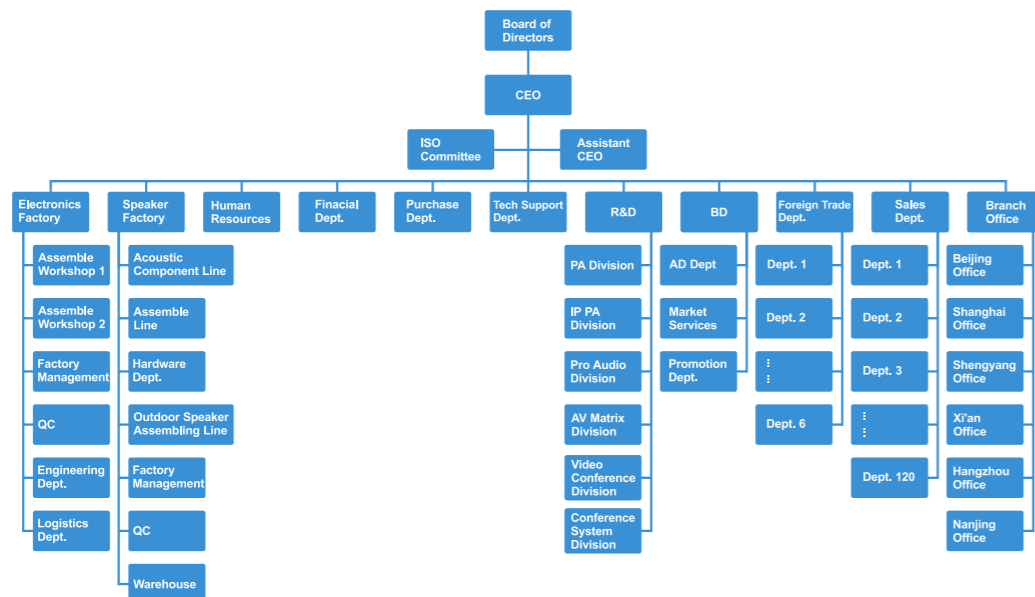
Company Introduction

Guangdong Baolun Electronics Co., LTD. (ITC) was established in 1993, located in Panyu district of Guangzhou. ITC is the No.1 and the largest integrated supplier of audiovisual & lighting systems, integrating R&D, production, sales and service together in China for more than 30 years. ITC owns 4 office buildings, 6 R&D centers and 5 factories. There is also an industry-leading intelligent manufacturing industrial park of over 300,000 square meters under construction, which is expected to be put into operation by the end of 2023. We have 1200 R&D engineers, 2000 pre-sales and after-sales technicians, 142 sales departments, all totally more than 6000 employees.

ITC can provide integrated solution from PA system, IP intercom system, Voice evacuation system, HD video conference system, 5G digital conference, Paperless conference, Interpretation system, Central control system, Professional sound system, LED screen, Stage light & Architectural light, etc. We are the official supplier for important events, including 2008 Beijing Olympic Games, 2010 Shanghai World Expo, 2010 Guangzhou Asian Games, 2016 Hangzhou G20 Summit, 2016 Turkey expo, 2022 Beijing Winter Olympics, India subway, USA chain shops, Guyana national conference, Uzbekistan national defense conference, Five Nigeria national airport, CBE Ethiopia bankOur worldwide successful projects are more than 1.5 million cases, and itc products have been exported to more than 100 countries around the world. All of our products are developed and manufactured by ourselves. Our products are compliant with CE, RoHS, EN54, UL, CCC, NOM certificate.

ITC possesses more than 3000 intellectual properties, including appearance patents, software copyrights, utility model patents and invention patents, and has won the honorary titles of "Quality Product", "Famous Brand" and "Most Competitive Brand" for many years. ITC is the "High-tech Enterprise" in China.

Company Organization



Our Production Lines

A group of highest technology equipment are used to strengthen the reliability and output capacity: SMT machine, reflow oven & numerical control cutting machine. 95% PCB of the equipment s are made by SMT machine to ensure quality consistency and higher reliability. The numerical cutting machines enhance the equipment in elaborate & elegant level. A comprehensive process of tests are be involved: drop test, vibration test, aging, Hipot & RoHS test.

Certificates:

CCC, ISO9001, CE & RoHS, IEC60914. Parts of our product are complied with certificates: CB, SASO, ETL, UL, FCC, EN54-16 and EN54-24. Parts of loudspeakers are certified by waterproof, dustproof, fire-proof & explosion-proof.



COMPANY HISTORY



Year 1993

ITC was founded in Guangzhou, regarded as pioneer of Digital Public Address System in China.

Year 1995

ITC successfully registered trademark ITC in China.

Year 1998

The first full-intelligent PA system was successfully developed and launched to the market.

Year 2000

ITC set up 8 sales subsidiaries and technical assistance centers in Guangzhou, Beijing, Shanghai, Hangzhou, Nanjing, Xi'an, Shenyang and Chengdu. ITC also established proxy services agencies in 48 provinces all over China.

Year 2001

The first digital network PA system was successfully developed and launched to market.

Year 2002

Due to speed business expansion, ITC set up numerous large production plants in Guangzhou. The whole company broadened to six large plates: four production plants + marketing and logistics center + R & D center; totally more than 800 manufacturing workers.

Year 2003

ITC developed full-digital IP PA system; became the world's first IP PA R & D manufacturer. In the same year a full range of products passed quality inspection, 3C, CE, RoHS and other domestic and foreign certification.

Year 2004

For successive years, ITC was awarded as "The Most Competitive Brand" and "Top Ten PA Brand" by domestic renowned media.

Year 2005

In order to meet the needs of global strategy, ITC had registered in 35 countries "ITC" trademark, and collaborated with 56 high-quality foreign strategic partners.

Year 2006

ITC was awarded as "Intelligent Building Quality Products," "Intelligent Building Leading Brands" as etc by China Intelligent Building Industry Association. There' s no replacement in the professional field.

Year 2007

The first most advanced Fire Alarm Voice Evacuation System was successfully developed. Till the end of 2007, ITC had won totally 12 core technology and design patents.

Year 2008

ITC successfully marched into 2008 Beijing Olympic games: the Olympic Forest Park, Capital Stadium, Beijing Industry University Gymnasium, and the Olympic Media MCI sign Center and other key Olympic venues.

Year 2009

ITC successfully marched into the Shanghai World Expo venues including Oman, Ireland Museum, Museum of Turkmenistan, Pakistan, and Iran and so on. In the same year, she went into Asia's largest railway station (South Station in Guangzhou), Beijing Subway, Beijing-Tianjin inter-city Express and other famous projects.

Year 2010

ITC successfully marched into 2010 Guangzhou Asian Games Venues including Gymnasium, NBA Stadiums, Swimming Pool, Bicycle Roller Skating Center, the Athletes Village, Main Press Centre, Media Village, Technical Officials Village and other logistics service area. ITC cooperated with numerous well-known enterprises the following eminent projects: the Polish National Central Banks, the International Financial Building of Azerbaijan, the Romanian Five-star Hotel, the Dubai Seven Star Hotel, the Singapore Racecourse, the USA Florida Intercontinental Hotel, the University of Toronto, the National Museum of Istanbul, the Turkey Istanbul High School, the London Art Galleries and so on.

Year 2011

ITC successfully installed Network Audio System for Shenzhen 2011 World Universiade Olympic Games. Move into new 20,000 square meters manufacturing plant, SMT machine, digital PC controlled punching machine been imported. Cobranet network system and Linux Network Audio System have been launched. Launched new digital conference system.

Year 2012

ITC launched its Cloud-based HD Video Conference System to realize the conference meeting face to face by video without geographical limitation.

Year 2015

ITC installed IP PA & Intercom System in the Subway Center of Chanakyapuri New Delhi India.

Year 2016

ITC installed Evacuation Voice Alarm Public Address System and IP Network Intercom System to EXPO 2016 Antalya in Turkey.

Year 2017

ITC LED Screen, Stage lighting, architecture lighting factory established. ITC Turn-key solution applied to UNASUR Building , Bolivia.

Year 2018

ITC conference system used in the United Nations Convention. Large conference system applied to Ethiopia Afar National Regional State Finance & Economic Development Bureau, Africa.

Year 2019

ITC own independent R&D building which area is about 4,200 square meters. KTV One-stop Solution applied to Grand Park Hotel Myanmar.

Year 2020

Foundation Laying Ceremony of ITC Industrial Park. ITC 243.3m² P10 Outdoor LED video Wall applied to Vincom Mega Mall Ocean Park City Vietnam.

Office



Factory



Factory





HIGH - TECH ENTERPRISE

All in One Wall-mounted Public Address and Voice Evacuation System VA-6500



HIGH - TECH ENTERPRISE

Railway VA-6500 EVAC System Software
AC1 (VA-6503)
AS1 (VA-6503)



Features

- * Support modbus protocol and integrated monitoring system, realize train operation information acquisition and train arrival/departure automatic broadcast
- * Support HTTP protocol and one-key alarm, integration with alarm system
- * Support the integration with clock system to realize unified management of internal system time
- * Support secondary development, HTTP protocol and other integration methods.
- * Support the integration with voip phone to realize the telephone broadcast function.

System Software
AP1 (VA-6503)
AT1 (VA-6503)



Features

- * Support connecting with the integrated monitoring system through modbus protocol.
- * Support connecting with one-key alarm and alarm system through HTTP protocol.
- * Support connecting with clock system.
- * Support secondary development kit, HTTP protocol and other connecting methods.
- * Support connecting with voip telephone.

Broadcast Console
BA1 (VA-6504)



Features

- * Adopt a 10.1-inch high-definition capacitive touch screen, which provides fine picture display, graphical operation interface and user-friendly operation;
- * Adopt Celeron J1900 CPU, 4G memory and 64G hard disk;
- * Adopt a microphone with super cardioid polar pattern, which supports 48Khz sampling rate to ensure high-quality sound;
- * Based on 3-layer network transmission technology, compatible with standard network protocols, support 48Khz/16-bit across-network audio transmission;
- * Support paging broadcast function, and support broadcasting calling to designated zones;
- * Support full duplex two-way intercom function to realize hands-free call;
- * Support timed tasks, and support viewing and managing the task list;
- * Support voice broadcast and TTS broadcast tasks, and support the storage of media files converted by TTS;
- * Support recording tasks, which can be saved in local media libraries or can work as broadcast tasks;
- * Support password log-in management, support automatic screen lock function and timed screen lock when no operation;
- * The emergency button supports broadcasting in all zones after the system is paralyzed;
- * Support local media library management, support uploading files of WMA, WAV, CD formats, support uploading or deleting files;
- * Built-in echo cancellation function, and network echo suppression;
- * Built-in 2W monitoring speaker, with clear and powerful sound.

Specification

Model	VA-6504
Network interface	Standard RJ45 input
Communication protocol	Compatible with DHCP, TCP, UDP, ICMP, IGMP, ARP and other standard network protocols
Transmission rate	100Mbps
Screen size	10.1 inches
Screen resolution	1280*800
Viewing angle	178 ° full viewing angle
Touch screen	Capacitive touch screen
CPU	Celeron J1900
Memory	4G
Hard disk capacity	64G
MIC sensitivity	-34 ± 2 dB (0dB=1V/Pa, at 1KHz)
Local audio input sensitivity	-6.9 dBu
Local audio output sensitivity	2.2 dBu
Microphone	Cardioid electret condenser microphone
Built-in speaker impedance and rated power	4Ω, 2W
THD	THD + N ≤ 1%
Frequency response	80Hz ~ 16kHz +1/-3dB
SNR	Line output: ≥ 70 dB (A); microphone: ≥ 65dB (A)
Working temperature	-10 °C ~ + 55 °C
Working humidity	20% ~ 80% relative humidity, no condensation
Total power consumption	≤ 45 W
Standard input DC power supply	DC12V/5A
Size	300×190×97 mm
Net weight	2.74 kg
Installation method	Desktop



HIGH - TECH ENTERPRISE

All in One Wall-mounted Public Address and Voice Evacuation System VA-6500



HIGH - TECH ENTERPRISE

Broadcast Console BA3 (VA-6504)



Broadcast Console BB1 (VA-6504)



Features

- * Adopt a 10.1-inch high-definition capacitive touch screen, which provides fine picture display, graphical operation interface and simple operation;
- * Adopt Celeron J1900 CPU, 4G memory and 64G hard disk;
- * Adopt a microphone with super cardioid polar pattern, which supports 48Khz sampling rate to ensure high-quality sound;
- * Based on 3-layer network transmission technology, compatible with standard network protocols, support 48Khz/16-bit across-network audio transmission;
- * Support paging broadcast function, and support broadcasting calling to designated zones;
- * Support full duplex two-way intercom function to realize hands-free call;
- * Support timed tasks, and support viewing and managing the task list;
- * Support voice broadcast and TTS broadcast tasks, and support the storage of media files converted by TTS;
- * Support recording tasks, which can be saved in local media libraries or can work as broadcast tasks;
- * Support password log-in management, support automatic screen lock function and timed screen lock when no operation; the emergency button supports the highest priority emergency broadcasting in all zones with one key;
- * Support local media library management, support uploading files of WAV and MP3 formats, support uploading or deleting files;
- * Built-in echo cancellation function, and network echo suppression;
- * Built-in 2W monitoring speaker, with clear and powerful sound.

Specification

Model	VA-6504
Network interface	Standard RJ45 input
Communication protocol	Compatible with DHCP, TCP, UDP, ICMP, IGMP, ARP and other standard network protocols
Transmission rate	100Mbps
Screen size	10.1 inches
Screen resolution	1280*800 pixels
Viewing angle	178 ° full viewing angle
Touch screen	Capacitive touch screen
CPU	Celeron J1900
Memory	4G
Hard disk capacity	64G
MIC sensitivity	-34±2dB (0dB=1V/Pa.at 1KHz)
Local audio input sensitivity	-6.9dBu
Local audio output sensitivity	2.2dBu
Microphone	Cardioid directional capacitor electret
Built-in speaker impedance and rated power	4Ω, 2W
THD	THD+N≤1%
Frequency response	80Hz~16KHz +1/-3dB
SNR	Line output: ≥ 70 dB (A); microphone: ≥ 65dB (A)
Working temperature	-10°C~+55°C
Working humidity	20% ~ 80% relative humidity, no condensation
Total power consumption	≤45W
Standard input DC power supply	DC12V/5A
Size	300mm×190mm×97mm
Net weight	2.74Kg
Installation method	Desktop

Features

- * Adopt a 10.1-inch high-definition capacitive touch screen, which provides fine picture display, graphical operation interface and user-friendly operation;
- * Adopt Celeron J1900 CPU, 4G memory and 64G hard disk;
- * Adopt a microphone with super cardioid polar pattern, which supports 48Khz sampling rate to ensure high-quality sound;
- * Based on 3-layer network transmission technology, compatible with standard network protocols, support 48Khz/16-bit across-network audio transmission;
- * Support paging broadcast function, and support broadcasting calling to designated zones;
- * Support full duplex two-way intercom function to realize hands-free call;
- * Support timed tasks, and support viewing and managing the task list;
- * Support voice broadcast and TTS broadcast tasks, and support the storage of media files converted by TTS;
- * Support recording tasks, which can be saved in local media libraries or can work as broadcast tasks;
- * Support password log-in management, support automatic screen lock function and timed screen lock when no operation;
- * Support local media library management, support uploading files of WMA, WAV, CD formats, support uploading or deleting files;
- * Built-in echo cancellation function, and network echo suppression;
- * Built-in 2W monitoring speaker, with clear and powerful sound.

Specification

Model	VA-6504
Network interface	Standard RJ45 input
Communication protocol	Compatible with DHCP, TCP, UDP, ICMP, IGMP, ARP and other standard network protocols
Transmission rate	100Mbps
Screen size	10.1 inches
Screen resolution	1280*800
Viewing angle	178 ° full viewing angle
Touch screen	Capacitive touch screen
CPU	Celeron J1900
Memory	4G
Hard disk capacity	64G
MIC sensitivity	-34 ± 2 dB (0dB=1V/Pa, at 1KHz)
Local audio input sensitivity	-6.9 dBu
Microphone	Cardioid electret condenser microphone
Built-in speaker impedance and rated power	4Ω, 2W
THD	THD + N ≤ 1%
Frequency response	80Hz ~ 16kHz +1/-3dB
SNR	Microphone: ≥ 65dB (A)
Working temperature	-10 °C ~ + 55 °C
Working humidity	20% ~ 80% relative humidity, no condensation
Total power consumption	≤ 45 W
Standard input DC power supply	DC12V/5A
Size	300×190×97 mm
Net weight	2.72 kg
Installation method	Desktop



HIGH - TECH ENTERPRISE

All in One Wall-mounted Public Address and Voice Evacuation System VA-6500



HIGH - TECH ENTERPRISE

Audio Microphone BC1 (VA-6504)



Features

- * Adopt a microphone with super cardioid polar pattern, which supports 48Khz sampling rate to ensure high-quality sound;
- * Based on 3-layer network transmission technology, compatible with standard network protocols, support 48Khz/16-bit across-network audio transmission;
- * Support paging broadcast, support scheduling through system management software, support broadcasting calling to designated zones;
- * Support full duplex two-way intercom function to realize hands-free call;
- * Built-in echo cancellation function, and network echo suppression;
- * Adopt independently developed data transmission technology, support extremely low end-to-end transmission delay, and realize zero-delay experience;
- * Built-in 2W monitoring speaker, with clear and powerful sound.
- * Support the power supply mode of 12V DC power adapter;
- * Support remote firmware upgrades through the LAN without disassembling the machine, which reduces the work intensity of maintenance personnel.

Specification

Model	VA-6504
Network interface	Standard RJ45
Communication protocol	Compatible with DHCP, TCP, UDP, ICMP, IGMP, ARP and other standard network protocols
Transmission rate	100Mbps
MIC sensitivity	-34 ± 2dB (0dB=1V/Pa, at 1KHz)
Microphone	Cardioid electret condenser microphone
Built-in speaker impedance and rated power	4Ω, 2W
THD	THD + N ≤ 1%
Frequency response	317Hz ~ 16KHz, +1/-3dB
SNR	Microphone: ≥ 65dB (A)
Working temperature	-10 °C ~ + 55 °C
Working humidity	20% ~ 80% relative humidity, no condensation
Total power consumption	≤ 10 W
Standard input DC power supply	DC12V/1A
Size	100×113×36 mm
Net weight	0.7 kg
Installation method	Desktop

Broadcast Console BC3 (VA-6504)



Features

- * Adopt a super directional microphone, which supports 48Khz sampling rate to ensure high-quality sound;
- * Based on 3-layer network transmission technology, compatible with standard network protocols, support 48Khz/16-bit across-network audio transmission;
- * Support paging broadcast function, and support broadcasting calling to designated zones through system management software;
- * Support full duplex two-way intercom function to realize hands-free call;
- * Built-in echo cancellation function, and network echo suppression;
- * Adopt independently developed data transmission technology, support extremely low end-to-end transmission delay, and realize zero-delay experience;
- * Built-in 2W monitoring speaker, with clear and powerful sound.
- * Support the power supply mode of 12V DC power adapter;
- * Support remote firmware upgrades through the LAN without disassembling the machine, which reduces the work intensity of maintenance personnel.

Specification

Model	VA-6504
Network interface	Standard RJ45
Communication protocol	Compatible with DHCP, TCP, UDP, ICMP, IGMP, ARP and other standard network protocols
Transmission rate	100Mbps
MIC sensitivity	-34±2dB (0dB=1V/Pa,at 1KHz)
Microphone	Cardioid directional capacitor electret
Built-in speaker impedance and rated power	4Ω, 2W
THD	THD+N≤1%
Frequency response	317Hz~16KHz , +1/-3dB
SNR	Microphone: ≥ 65dB (A)
Working temperature	-10 °C ~+55 °C
Working humidity	20% ~ 80% relative humidity, no condensation
Total power consumption	≤10W
Standard input DC power supply	DC12V/1A
Size	100mm×113mm×36mm
Net weight	0.7kg
Installation method	Desktop



HIGH - TECH ENTERPRISE

Audio Microphone BT1 (VA-6504)



Features

- * Adopt a microphone with super cardioid polar pattern, which supports 48Khz sampling rate to ensure high-quality sound;
- * Based on 3-layer network transmission technology, compatible with standard network protocols, support 48Khz/16-bit across-network audio transmission;
- * Support paging broadcast, support scheduling through system management software, support broadcasting paging to designated zones;
- * Support full duplex two-way intercom function to realize hands-free call;
- * Built-in echo cancellation function, and network echo suppression;
- * Adopt independently developed data transmission technology, support extremely low end-to-end transmission delay, and realize zero-delay experience;
- * Built-in 2W monitoring speaker, with clear and powerful sound.
- * Support the power supply mode of 12V DC power adapter;
- * Support remote firmware upgrades through the LAN without disassembling the machine, which reduces the work intensity of maintenance personnel.

Specification

Model	VA-6504BT1
Network interface	Standard RJ45
Communication protocol	Compatible with DHCP, TCP, UDP, ICMP, IGMP, ARP and other standard network protocols
Transmission rate	100Mbps
MIC sensitivity	-34 ± 2 dB (0dB=1V/Pa, at 1KHz)
Microphone	Cardioid electret condenser microphone
Built-in speaker impedance and rated power	4Ω, 2W
THD	THD + N ≤ 1%
Frequency response	317Hz ~ 16KHz, +1/-3dB
SNR	Microphone: ≥ 65dB (A)
Working temperature	-10 °C ~ + 55 °C
Working humidity	20% ~ 80% relative humidity, no condensation
Total power consumption	≤ 10 W
Standard input DC power supply	DC12V/1A
Size	100×113×36 mm
Net weight	0.7 kg
Installation method	Desktop

All in One Wall-mounted Public Address and Voice Evacuation System VA-6500



HIGH - TECH ENTERPRISE

Intercom Panel BD1 (VA-6504)



Description

The professional network intercom terminal is dust-proof and water-proof, and suitable for indoor and outdoor environments. It supports one-key broadcast and one-key intercom.

Features

- * Embedded rectangular design, simple appearance, exquisite craft, and durable structure.
- * Based on 3-layer network transmission technology, compatible with standard network protocols, support 48Khz/16-bit across-network audio transmission;
- * Support one-key help, support calling the intercom microphone of the duty room to realize quick connection, with convenient operation.
- * Adopt a microphone with super cardioid polar pattern, which supports 48Khz sampling rate to ensure high-quality sound;
- * Support hands-free calls and receiving broadcasts.
- * Two installation methods: embedded installation and surface-mounted installation.
- * Support full duplex two-way intercom function; adopt built-in network echo cancellation modules; realize two-way intercom between IP terminals, extremely low end-to-end transmission delay(5ms), and complete network echo howling suppression.
- * Built-in 3W full-range monitoring speaker, with clear and powerful sound.
- * Support remote firmware upgrades through the LAN without disassembling the machine, which reduces the work intensity of maintenance personnel.

Specification

Model	VA-6504
Network interface	Standard RJ45 input
Communication protocol	TCP/IP, UDP
Sampling rate	8K ~ 48KHz
Transmission rate	100Mbps
Audio mode	16-bit CD sound quality
Rated power	6W
THD	≤ 1%
Frequency response	317Hz ~ 3.4 kHz + 1dB/-3dB
SNR	≥ 65 dB
Protection level	IP55
Working temperature	-20 °C ~ 60 °C
Working humidity	20% ~ 80% relative humidity, no condensation
Working voltage	DC12/1.5A or standard POE power supply (either-or power supply modes)
Total power consumption	≤ 12 W
Size	172×86×65 mm
Weight	1Kg



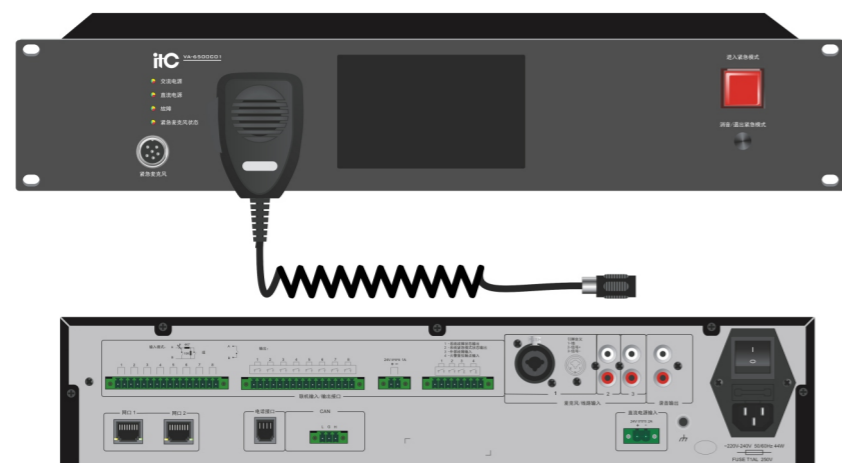
HIGH - TECH ENTERPRISE

All in One Wall-mounted Public Address and Voice Evacuation System VA-6500



HIGH - TECH ENTERPRISE

Broadcast Controller C01 (VA-6500)



Features

- * Light indication function: AC power-the power supply status of AC power, green indicates normal and yellow indicates failure. DC power- the power supply status of standby DC power, green indicates normal, yellow indicates failure, and dark indicates it is not configured. Failure-if any equipment in the system configuration fails, the yellow light will flash and the built-in buzzer will give an alarm; dark light indicates normal or it is not configured. Emergency microphone-the working status of the emergency microphone on the panel, green indicates microphone is connected normally; yellow indicates microphone is connected abnormally; red indicates microphone is being in emergency broadcast mode.
- * System status display: the system running status can be viewed through the HD touch screen.
- * Emergency mode conversion: used for playing and switching to emergency audios; after pressing the emergency microphone button, the indicator light will turn red and keep flashing.
- * Failure silencing/exit emergency mode: used to turn off the prompt tone of the buzzer caused by the system failure, and when a new failure occurs, the indicator light and prompt tone will give prompts again / the system exits emergency mode.
- * Fire linkage input interface: 8 programmable fire linkage input interfaces, support short circuit triggering or short circuit triggering with detection; support connecting to external linkage input devices.
- * Fire linkage output interface: 8 programmable fire linkage output interfaces, support relay short circuit output; support connecting to external linkage devices.
- * System status output/external reset, failure input: fire linkage interface, real-time output of the system working status; once the system failure or fire alarm triggering occurs, the output interface will turn to the short-circuit status for convenient linkage with other devices. The emergency status reset of the system can be completed through the external reset input, and the input mode is short-circuit input.
- * External audio input: external audio can be connected through a combined audio input interface or a line input interface; the audio can be transmitted to different zones through the network to meet the needs of different places.
- * Recording and output: send the audio to the network through the network port.
- * Data transmission technology: the self-developed data transmission technology output module supports a maximum of 4 channels of simultaneous audio inputs and 4 simultaneous audio outputs; audio sampling rates support 8K, 16K, 24K, 48K.
- * Audio matrix: support playing any audio in any zone and automatic audio allocation in the zones; support setting and customizing the audio priority.
- * Zone monitoring: the controller has a 3-inch built-in monitoring speaker, and the power is 10W, the impedance is 8 ohms; it can realize the terminal monitoring of any zone in the system, and the monitoring volume is adjustable.
- * Manual/automatic control of emergency broadcast: emergency broadcast can be controlled manually or automatically; the manual control is prior to the automatic control.
- * System failure prompt: system failure has automatic sound and light prompts; the prompts can be removed manually until a new failure occurs.
- * Equipment hardware self-check: support the hardware self-check of audiovisual components and mechanical devices to ensure the normal use of the hardware.

- * Automatic switching of main and standby power supply: the main and standby power supply is automatically switched, and the standby power supply is 24V DC power supply; the switching time is less than 1ms.
- * Audio priority division: emergency audio has the highest priority and the priority level can be customized; support customizing all audio priorities, and support a maximum of 100 priorities.
- * Interface:

Front panel

- * Indicator light: a dual-color plug-in LED light: red + green, a combination of three colors: red + yellow + green, a total of 4 indicators of the system status;
- * Emergency microphone interface and PTT: 1 channel, use a six-pin aviation socket as the interface; PTT is a hand-held moving-coil microphone, connected by a 1.5 m spring cable, and you can press the button to speak.
- * HD touch screen: capacitive, 5-inch HD touch screen with a maximum resolution of 800 * 480.
- * Emergency switch: red, square, a protective cover, without self-locking function;
- * Failure silencing and exit emergency mode: on the front panel, large key (diameter: 10.8 mm) meets the EN certification requirements.

Rear panel

- * Input interface: conventional terminal, a spacing of 3.81 mm, double 8 channels, 16 channels in total; dry contact triggering, the input mode is short circuit triggering/short circuit triggering with detection;
- * Output interface: conventional terminal, a spacing of 3.81 mm, double 8 channels, 16 channels in total; the output mode is relay short-circuit output, supporting a maximum current of 2A.
- * Power output interface: conventional terminal, a spacing of 3.81 mm, the output voltage of 24V, the maximum power supply of 1A.
- * System status output interface/reset, external failure input interface: status output: conventional terminal, a spacing of 3.81 mm, 2 bits; output mode is relay short-circuit output, supporting a maximum current of 2A; external failure (third-party charger can be connected to meet the EN certification requirements), reset input: conventional terminal, a spacing of 3.81 mm, 1 bit; The emergency status reset of the system can be completed through the external reset input, and the input mode is short-circuit input.
- * Combined audio input interface: 1 channel, support standard XLR balanced input audio and 6.35 mm large two-core microphone input. The XLR input sensitivity is 375mV. The microphone input sensitivity is 10mV. The combined audio is defined as "Line 1"; when playing the audio input through the combined socket, the audio should be named as "Line 1".
- * Line input interface: 2 channels, standard RCA socket input; input form is unbalanced input. The input sensitivity is 775mV; it is defined as "Line 2" and "Line 3".
- * Monitoring output interface: 1 channel, standard RCA socket output; the output form is unbalanced output; it is defined as "recording output".
- * Network interface: 2 channels, standard RJ45 interface; on the panel, it is defined as "LAN1", "LAN2"; LAN1 is the external network interface of the controller, and LAN2 is the voice network transmission interface.
- * Telephone interface: 1 channel, standard RJ11 interface; it is defined as "telephone interface"; CAN interface: 1 channel, conventional terminal, a spacing of 5.08; the screen printing is defined as "L", "H", "G"; communication mode is main device mode.
- * Standby power interface: the input voltage of 20-28V, the maximum input current of 2A; overload protection and reverse polarity protection; when the main and standby power supplies are connected simultaneously, the main power supply is prior to the standby.
- * Grounding terminal: nickel-plated copper column, with flat medias and screw nuts.
- * Power interface: the input is AC110-240V. 50-60Hz, and the supporting fuse is 250V 2A.

Specification

Model	VA-6500		
Electrical indicator	AC power supply	Voltage	~ 110-220V 50-60Hz
		Maximum current	< 0.5 A
		Fuse	250V/2A, slow
	DC power supply	Voltage	24V DC, ± 20%
		Maximum current	1.5 A
		Power consumption	44W
	Emergency microphone	Sensitivity	10mV
		Impedance	600
	Line input	Sensitivity	385mV (balanced), 775mV (unbalanced)
		Impedance	10K
SNR		> 70dB	
Distortion		< 0.1%	
Recording output	Amplitude	775mV	
	Frequency response	200-16KHz	
	SNR	> 70dB	
	System failure relay output	Short circuit, no voltage	
Performance indicator	Contact output	Fire linkage relay output	Short circuit, no voltage
		8 relay programmable outputs	Short circuit, no voltage
		Programmable DC24V power supply output	+ DC 24V, 1A
	Short circuit input	8 programmable triggering inputs	Short-circuit input or short-circuit input with detection
		Short circuit mode	No voltage, short circuit
	Voice information	Fire reset input	Contact ≥ 0. 5S, no voltage
		Data format	MP3 or WMA format
	Other information	Storage type	TF card
		Amount of information	65535 (maximum programmable 1000)
		Retention time	> 10 years
Amount of information		100,000	
Retention time		> 10 years	
Retention time		> 10 years	
Size	484 × 447.5 × 88		
Weight	7.5 kg		

Controller Cabinet CC1 (VA-6500)



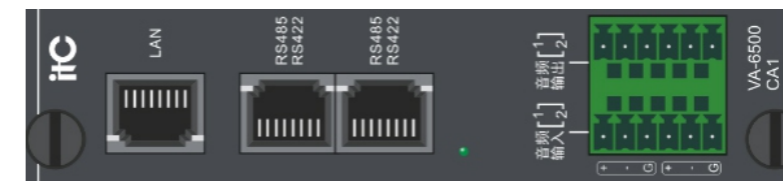
Features

- * Display the board status information of the system: working status, zone status, current monitoring status, etc.
- * Support PTT emergency microphone: PTT status detection, PTT all zones paging, PTT input sensitivity adjustment.
- * LED indicator: display the working status and failure status of the equipment.
- * Zone monitoring: support the end monitoring of any zone in the system, and adjustable output volume of the monitoring speaker.
- * Emergency mode switching: press the button and the emergency switch light will turn red and keep flashing; press it again to exit the emergency mode; reset and return to the normal status, and the red light turns dark.
- * System failure prompt: when the system fails, it will actively send out sound and light prompt warnings; after all the system failures are removed, the warnings will be automatically stopped.
- * Failure silencing: after pressing the failure silencing button, the failure warning is suspended.
- * Screen brightness: the backlight brightness of the 7-inch display is adjustable.

Specification

Model	VA-6500
LED indicator	LED indicator
Display screen	7-inch touch screen, resolution: 1024 * 600
Monitoring speaker	8 ohms, 5W, cavity speaker
Supporting board quantity	A maximum of 14 small boards
Size	484×350×132
Weight	6.85 kg

Audio Board CA1 (VA-6500C)



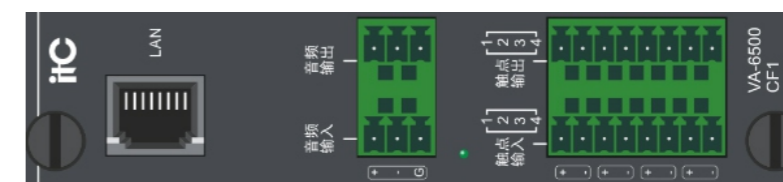
Feature

- * Receive the scheduling commands to collect audios and play them to the designated areas.
- * Receive the scheduling commands to output the corresponding audio signals.
- * Interact with the external system through RS422, and realize the forwarding of external system commands.
- * Interact with the external system through RS485, and realize the forwarding of external system commands.
- * Report the working status of the equipment: online status, failure status, etc.

Specification

Model	VA-6500C
Supporting board quantity	A maximum of 4
Network interface	RJ45*1, 10/100 Mbps adaptive, IGMP, TCP/IP Protocol
Audio input	Balanced/unbalanced * 2, ± 0. 385 V (balanced), 0.775 V (unbalanced)
Audio output	Balanced output * 2, ± 0. 385 V, TDH 0.1%, 80 ~ 16kHz
RS422/RS485 interface	RJ45*2, conform to 422 bus standard and 485 bus standard. Each port can only be set as one of 422 bus mode or 485 bus mode
Size	263 × 124 × 30
Weight	0.25 kg

FAS Short Circuit Board CF1 (VA-6500C)



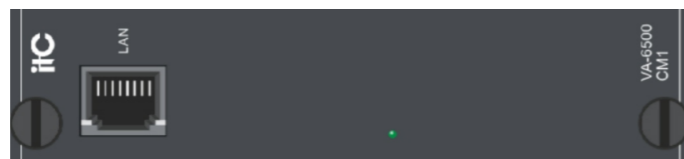
Feature

- * Collect the external input status signals and upload them to the interface controller.
- * Receive the control commands from the interface controller to control the executing actions of the external output interface.
- * Receive the scheduling commands to collect audios and play them to the designated zones.
- * Receive the scheduling commands to output the corresponding audio signals.
- * Report the working status of the equipment: online status, failure status, etc.

Specification

Model	VA-6500C
Network interface	RJ45*1, 10/100 Mbps adaptive, IGMP, TCP/IP protocol
External input interface	4-channel programmable triggering inputs
External output interface	4-channel relay programmable outputs
Audio input	Balanced/unbalanced * 1, ± 0. 385 V (balanced), 0.775 V (unbalanced)
Audio output	Balanced output * 1, ± 0. 375 V, TDH 0.1%, 80 ~ 16kHz
Supporting board quantity	A maximum of 8
Size	263 × 124 × 30
Weight	0.3 kg

Main Control Board CM1 (VA-6500C)



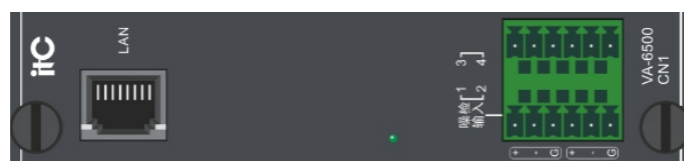
Feature

- * Realize data interaction with the interface controller.
- * Report the working status of the equipment: online status, failure status, etc.

Specification

Model	VA-6500C
Supporting board quantity	Only 1
Network interface	RJ45*1, 10/100 Mbps adaptive, IGMP, TCP/IP protocol
Size	263 × 124 × 30
Weight	0.25 kg

Noise Detection Board CN1 (VA-6500C)



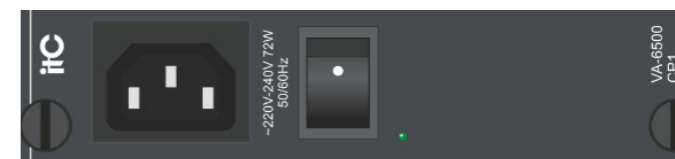
Feature

- * Collect the ambient noise data and upload them to the system for automatic adjustment of the output volume in this zone.
- * Report the working status of the equipment: online status, failure status, etc.

Specification

Model	VA-6500C
Network interface	RJ45*1, 10/100 Mbps adaptive, IGMP, TCP/IP protocol
Noise detection signal interface	4 noise detection signal inputs
Supporting board quantity	A maximum of 8
Size	263 × 124 × 30
Weight	0.2 kg

Controller Power Board CP1 (VA-6500C)



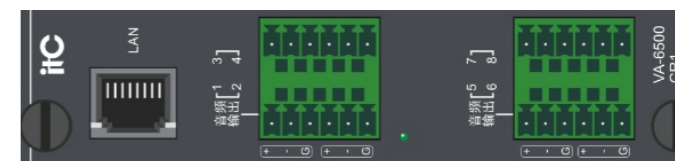
Feature

- * Provide power supply for the cabinet controller board.
- * Support the indication of the working status of the board.
- * Support inspection and maintenance without power off, and the start-stop function on the module is needed.

Specification

Model	VA-6500C
Input voltage	~220-240V 50/60 Hz
Maximum input current	0.5 A
Fuse	250V 1A, slow
Output voltage	+ 24V
Maximum output current	3A
Protection mode	Over voltage protection, over current protection, high temperature protection
Size	263 × 124 × 30
Weight	0.4 kg

Recording Board CR1 (VA-6500C)



Feature

- * Receive scheduling commands to collect audio signals and play them to third-party equipment.
- * Report the working status of the equipment: online status, failure status, etc.

Specification

Model	VA-6500C
Support board quantity	A maximum of 4
Network interface	RJ45*1, 10/100 Mbps adaptive, IGMP, TCP/IP protocol
Audio output	Balanced * 8, ± 0.385 V, TDH 0.1%, 80 ~ 16kHz
Size	263 × 124 × 30
Weight	0.3 kg

Telephone Interface Board CT1 (VA-6500C)



Feature

- * Handle telephone dialing operation, and broadcast telephone to designated zones according to user operation.
- * Report the working status of the equipment: online status, failure status, etc.
- * Receive the scheduling commands and conduct intercom with the oral broadcast (service microphone) (intercom can only be initiated by the telephone).

Specification

Model	VA-6500C
Supporting board quantity	Only 1
Network interface	RJ45*1, 10/100 Mbps adaptive, IGMP, TCP/IP protocol
Telephone line interface	RJ11*2, telecommunication standard
Size	263 × 124 × 30
Weight	0.3 kg

Cabinet Empty Baffle DB1 (VA-6500D)



Feature

- * Cover the empty card slot of the amplifier controller cabinet.

Specification

Model	VA-6500D
Dimensions (LxWxH)	302×124×30mm
Weight	0.1kg

Cabinet Empty Baffle DB2 (VA-6501D)



Feature

- * Cover the empty card slot of the broadcast controller cabinet.

Specification

Model	VA-6501D
Dimensions (LxWxH)	302×124×60mm
Weight	0.2kg

Amplifier Cabinet PC1 (VA-6501)



Feature

- * Display the working status of each board

Specification

Model	VA-6501
Board quantity	14 boards can be accessed (7 large boards and 14 small boards)
Status indicator	Three-color indicator light, green-normal, yellow-fault, red-emergency
Dimension	484 × 350 × 132
Weight	6.75 kg

Railway VA-6500 EVAC System Controller HC1 (VA-6502)

Transfer Interface Controller HE1 (VA-6502)



Feature

- * Integrated information management platform interface: it can be connected to the train information management platform through the network.
- * Software SDK call.
- * Device configuration software call.
- * Device status display: Use the grid interface to connect to the SDK to display the status of different areas, including: zone status, playback information, etc.
- * Audio management: save and manage different audio files in advance.
- * Text-to-speech: The text can be converted to speech through the TTS speech engine and broadcast through the SDK.

Specification

Model	VA-6502
USB interface	2 channels, universal USB interface
Power interface	~220V 50Hz
Network interface	6 channels, 1000M, standard RJ45 interface;
CPU	Intel I5 Quad Core
RAM	Standard 8G, supports up to 16GB
Hard disk	256G
Dimension	430mm(L)x360mm(D)x45mm(H)
Software operating platform	Windows server 2008
Working environment	Temperature: -10°C~50°C; Humidity: 10%~95%, non-condensing state
SNR	LINE:70dB; MIC:60dB Distortion: 1KHz<0.5%
Weight	1.7kg

Feature

- * Integrated information management platform interface: support connecting with train information management platform through network.
- * Software SDK invocations.
- * Device configured software invocations.
- * Device status display: use grid interface to connect to SDK, and the status of different zones can be displayed, including zone status, playback information, etc.
- * Audio management: store and manage different audio files.

Specification

Model	VA-6502
USB interface	2 channels, universal USB interface
Power interface	~ 220V 50Hz
Network interface	6 channels, standard RJ45 interface
CPU	Intel I3-4160
Memory	4G
Motherboard	H81-D3
Hard disk	128G
Size	430×360×45mm(L×D×H)
Weight	1.7 kg
Note: the CPU and motherboard of the central station and the ordinary station may be changed according to the actual use requirements.	



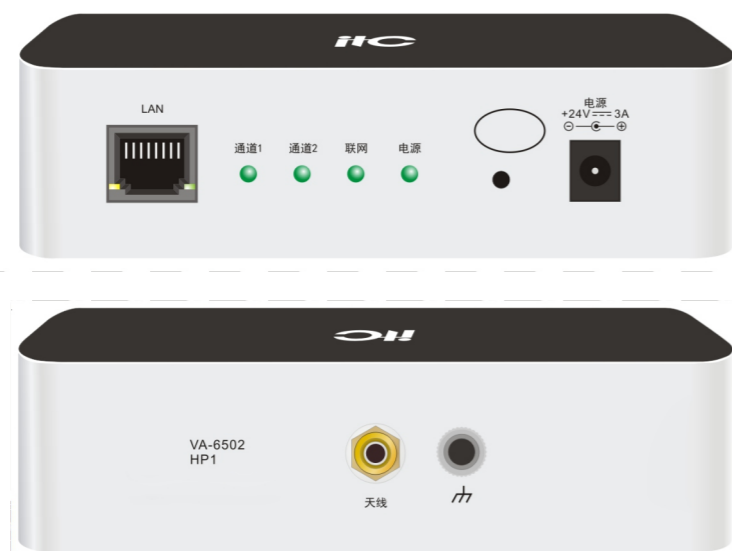
HIGH - TECH ENTERPRISE

All in One Wall-mounted Public Address and Voice Evacuation System VA-6500



HIGH - TECH ENTERPRISE

System Controller HP1 (VA-6502)



Station Interface Controller HS1 (VA-6502)



Feature

- * Receive 2 walkie-talkie signals at the same time.
- * Built-in 2-channel digital wireless intercom receiving module, supports reception of professional DMR intercoms, car radios and other equipment.
- * The panel LED displays the receiving status of each walkie-talkie.
- * Equipped with LAN port for digital audio and control signal transmission.
- * The receiving parameters and output volume of each walkie-talkie can be configured separately.
- * Support remote configuration and upgrade through network port.

Specification

Model	VA-6502
Receive sensitivity	-124dBm
Antenna impedance	50Ω
Antenna interface	SMA
Receiving frequency	400—480MHz
Communication protocol standards	DMR Tier2 ETSI-TS102 361-1 、-2、-3、-4
Adjustment method	FM、4FSK
Channel spacing	12.5KHz/25KHz
Receiver	Class A(TU50)
LAN interface	Support adaptive 100/10Mbps network port
Power supply	DC24V 3A adapter power supply
Operating Voltage	24V±20% maximum operating current 3A
Size (L×W×H)	129.6×80.6×35mm

Feature

- * Integrated information management platform interface: it can be connected to the train information management platform through the network.
- * Software SDK call.
- * Device configuration software call.
- * Device status display: Use the grid interface to connect to the SDK to display the status of different areas, including: zone status, playback information, etc.
- * Audio management: save and manage different audio files in advance.
- * Text-to-speech: The text can be converted to speech through the TTS speech engine and broadcast through the SDK.

Specification

Model	VA-6502
USB interface	2 channels, universal USB interface
Power interface	~220V 50Hz
Network interface	6 channels, 1000M, standard RJ45 interface;
CPU	Intel I3 Quad Core
RAM	Standard 8G, supports up to 16GB
Hard disk	128G
Dimension	430mm (L) x360mm (D) x45mm (H)
Software operating platform	Windows server 2008
Working environment	Temperature: -10°C~50°C; Humidity: 10%~95%, non-condensing state
SNR	LINE:70dB; MIC:60dB Distortion: 1KHz<0.5%
Weight	1.7kg

Tunnel Interface Controller
HT1 (VA-6502)



Feature

- * Integrated information management platform interface: support connecting with train information management platform through network.
- * Software SDK invocations.
- * Device configured software invocations.
- * Device status display: use grid interface to connect to SDK, and the status of different zones can be displayed, including zone status, playback information, etc.
- * Audio management: store and manage different audio files.

Specification

Model	VA-6502
USB interface	2 channels, universal USB interface
Power interface	~ 220V 50Hz
Network interface	6 channels, standard RJ45 interface
CPU	Intel I3-4160
Memory	4G
Motherboard	H81-D3
Hard disk	128G
Size	430×360×45mm (L×D×H)
Weight	1.7 kg
Note: the CPU and motherboard of the central station and the ordinary station may be changed according to the actual use requirements.	

All in One Wall-mounted Public Address and Voice Evacuation System VA-6500

Noise Detection Controller
NC1 (VA-6505)



Feature

- * 4 mono-channel inputs and 4 mono-channel outputs.
- * 4 channels of digital probe interfaces: probes can be connected in series or in parallel, and each digital probe can be connected with a maximum of 16.
- * Each device can be connected with at least 16 noise detection probes, and the detection probes can transmit signals as far as 3KM.
- * The device shall provide a serial port (DB9) for convenient online downloading of relevant configuration data.
- * It can be automatically detected and controlled offline.
- * Computer software configuration function, with plug-in software.
- * With DC24V power supply interface.
- * LCD screen supports the display or viewing of relevant configuration data.
- * 4 output LED level indicator lights are convenient for checking the current channel output level.
- * Single-key shuttle control function key controls all data and related configurations.
- * The sampling frequency period can be customized.
- * It has the maximum output level function.
- * Ambient Noise Control (ANC) and Automatic Level Control (ALC).

Specification

Model	VA-6505
Audio input channel	4
Audio output channel	4
Control interface channel	4
Monitoring input channel	1
Conventional input level	0dBu 20K (balanced input)
Conventional output level	0dBu 600 (balanced output)
Maximum output level	+ 16dBu (balanced output)
Noise control gain	24dB
Noise frequency filter	4
Communication interface	RJ45, RS-232
Frequency response	20-20KHz (+1/-3dB)
THD	≤ 0.1%
Power consumption	35W
Voltage	~ 220V 50Hz
Size	484×209×44mm
Weight	3.0 kg

Noise Detector NT1 (VA-6505)



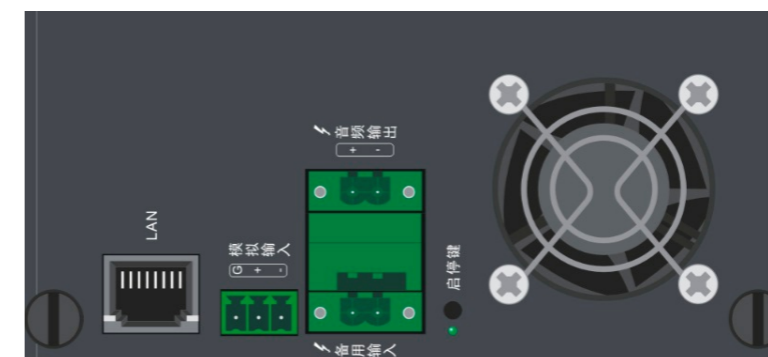
Feature

- * Probes can be connected in series or in parallel, and each digital probe can be connected with a maximum of 16.
- * The sampling frequency period can be customized.
- * The collected on-site ambient noise is processed and the signal is transmitted back to the detection controller.
- * Full digital noise acquisition probe.
- * High and low pass filtering frequency is adjustable.
- * Long distance transmission: up to 3 kilometers.

Specification

Model	VA-6502
Microphone	Condenser microphone
Communication mode	Single bus mode
Noise frequency filter	4
Output voltage	1V/600Ω
Frequency response	80-18kHz (+1/-3dB)
THD	≤ 1%
Power consumption	4W
Transmission distance	3KM
Size	240×155mm
Weight	0.9 kg

Amplifier Board PA1 (VA-6501P)



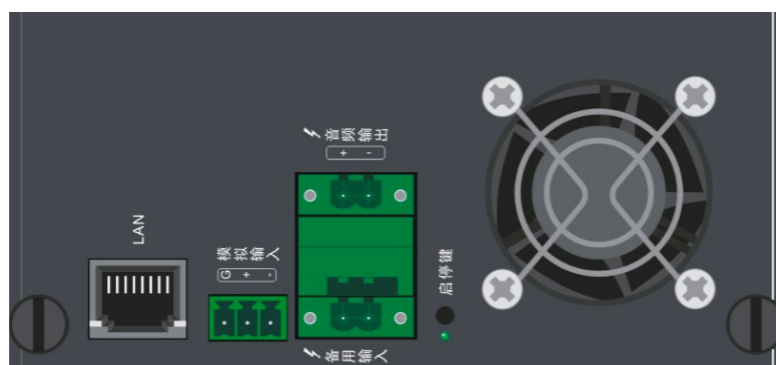
Feature

- * Digital decoding amplifier board.
- * Efficiency Class D amplifier.
- * Built-in digital decoder to decode network audio directly.
- * Support disconnected local emergency audio input broadcast.
- * Loop state detection for output zones.
- * Support the backup mode of 4-main-1-standby, 5 amplifier boards.
- * Support the real-time indication of the working state of the amplifier board.
- * Support automatic switching of amplifier board failure.
- * Support uninterrupted maintenance and repair, and use the start-stop function on the module.

Specification

Model	VA-6501P
Input Voltage	± 85 V DC
Output Voltage	100V
Output Power	120W
THD	≤ 1% (rated output power), 1KHz
Frequency response	40Hz-16KHz (+ 1dB,-3dB)
SNR	≥ 80 dB
Heat dissipation mode	Forced air cooling
Protection mode	Over-voltage, over-current, high temperature, overload and short circuit protection
Amplifier input	Digital signal and 100V emergency audio signal
Emergency audio interface	Balanced Input
Dimension	L 124xW 60xH 263
Weight	1.1 kg

Amplifier Board
PA2 (VA-6501P)



Feature

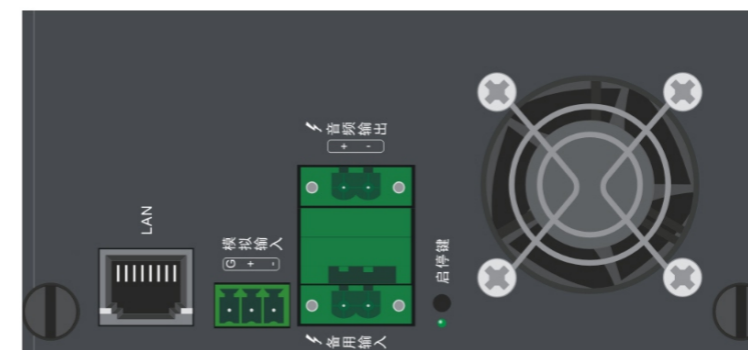
- * Digital decoding amplifier board.
- *Efficiency Class D amplifier.
- *Built-in digital decoder to decode network audio directly.
- *Support disconnected local emergency audio input broadcast.
- *Loop state detection for output zones.
- *Support the backup mode of 4-main-1-standby, 5 amplifier boards.
- *Support the real-time indication of the working state of the amplifier board.
- *Support automatic switching of amplifier board failure.
- *Support uninterrupted maintenance and repair, and use the start-stop function on the module.

Specification

Model	VA-6501P
Input Voltage	± 85 V DC
Output Voltage	100V
Output Power	240W
THD	≤ 1% (rated output power), 1KHz
Frequency response	40Hz-16KHz (+ 1dB,-3dB)
SNR	≥ 80 dB
Heat dissipation mode	Forced air cooling
Protection mode	Over-voltage, over-current, high temperature, overload and short circuit protection
Amplifier input	Digital signal and 100V emergency audio signal
Emergency audio interface	Balanced Input
Dimension	L 124xW 60xH 263
Weight	1.1 kg

All in One Wall-mounted Public Address and Voice Evacuation System VA-6500

Amplifier Board
PA3 (VA-6501P)



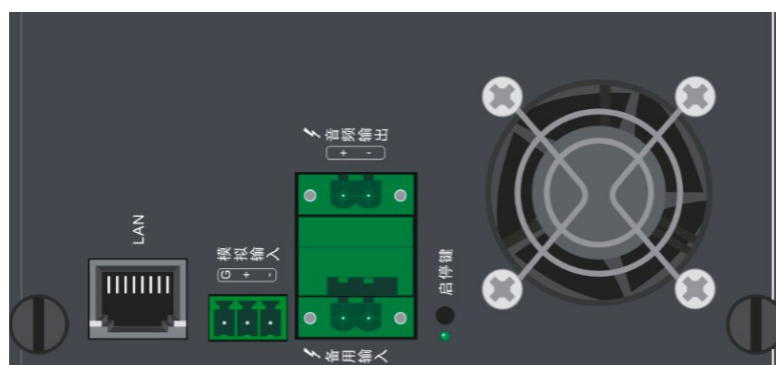
Feature

- * Digital decoding amplifier board.
- *Efficiency Class D amplifier.
- *Built-in digital decoder to decode network audio directly.
- *Support disconnected local emergency audio input broadcast.
- *Loop state detection for output zones.
- *Support the backup mode of 4-main-1-standby, 5 amplifier boards.
- *Support the real-time indication of the working state of the amplifier board.
- *Support automatic switching of amplifier board failure.
- *Support uninterrupted maintenance and repair, and use the start-stop function on the module.

Specification

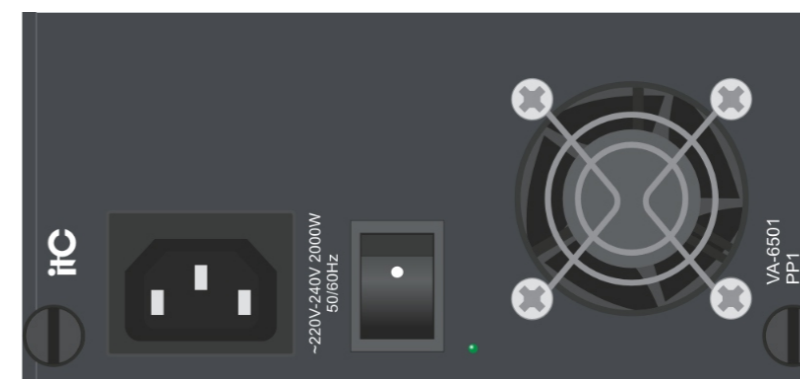
Model	VA-6501P
Input Voltage	± 85 V DC
Output Voltage	100V
Output Power	350W
THD	≤ 1% (rated output power), 1KHz
Frequency response	40Hz-16KHz (+ 1dB,-3dB)
SNR	≥ 80 dB
Heat dissipation mode	Forced air cooling
Protection mode	Over-voltage, over-current, high temperature, overload and short circuit protection
Amplifier input	Digital signal and 100V emergency audio signal
Emergency audio interface	Balanced Input
Dimension	L 124xW 60xH 263
Weight	1.1 kg

Amplifier Board
PA5 (VA-6501P)



All in One Wall-mounted Public Address and Voice Evacuation System VA-6500

Amplifier Board
PP1 (VA-6501P)



Feature

- * Digital decoding amplifier board.
- * Efficiency Class D amplifier.
- * Built-in digital decoder to decode network audio directly.
- * Support disconnected local emergency audio input broadcast.
- * Loop state detection for output zones.
- * Support the backup mode of 4-main-1-standby, 5 amplifier boards.
- * Support the real-time indication of the working state of the amplifier board.
- * Support automatic switching of amplifier board failure.
- * Support uninterrupted maintenance and repair, and use the start-stop function on the module.

Specification

Model	VA-6501P
Input Voltage	± 85 V DC
Output Voltage	100V
Output Power	500W
THD	≤ 1% (rated output power), 1KHz
Frequency response	40Hz-16KHz (+ 1dB,-3dB)
SNR	≥ 80 dB
Heat dissipation mode	Forced air cooling
Protection mode	Over-voltage, over-current, high temperature, overload and short circuit protection
Amplifier input	Digital signal and 100V emergency audio signal
Emergency audio interface	Balanced Input
Dimension	L 124xW 60xH 263
Weight	1.1 kg

Feature

- * Supply power for cabinet amplifier board.
- *Support the indication of the working state.
- *Support uninterrupted maintenance and repair, and start-stop function on the module.

Specification

Model	VA-6501P
Input voltage	~110/~ 220V 50/60 Hz
Maximum input current	12A
Fuse specification	250V/12A slow type
Output voltage	± 85 V, + 24V
Maximum output current	11A, 3A
Heat dissipation mode	Forced air cooling
Protection mode	Over-voltage, over-current, high temperature protection
Dimension	L124*W60*H263
Weight	1.6 kg



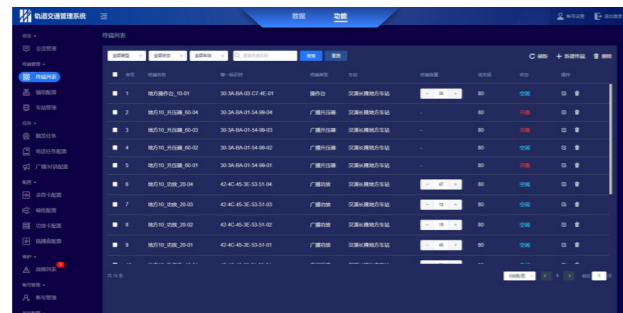
HIGH - TECH ENTERPRISE

All in One Wall-mounted Public Address and Voice Evacuation System VA-6500



HIGH - TECH ENTERPRISE

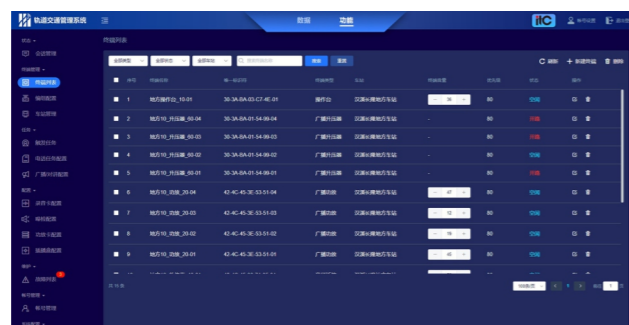
Railway VA-6500 EVAC System Software SC1 (VA-6503)



Feature

- * Support real-time management of device information and device status, support one-key replacement of device addresses and device custom group management;
- * Support the current task status management of the system, and support the closing function of the session task;
- * Support the management and input of station information;
- * Supports task distribution management such as trigger tasks, telephone interface card tasks, and digital microphone broadcasting;
- * Support the distribution and management of broadcast tasks of parallel broadcasting, TTS broadcasting, timed broadcasting, emergency broadcasting, and zone broadcasting;
- * Support multi-user, sub-authority, sub-equipment management system;
- * Support log integrated management of equipment, tasks and users;
- * Support trigger task management such as trigger and external communication;
- * Full digital management.

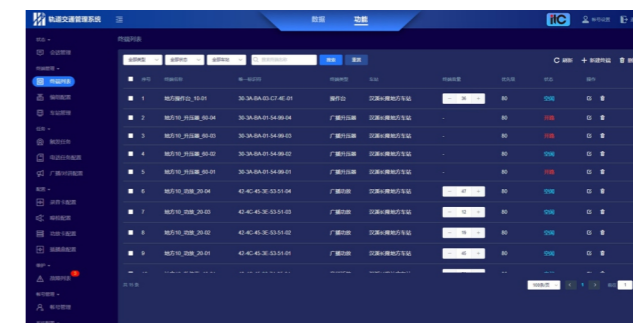
Railway VA-6500 EVAC System Software SD1 (VA-6503)



Feature

- * Support equipment status monitoring to realize data collection, analysis and management of equipment operating status;
- * Support priority management, support 3-level(user, station, task) priority;
- * Support station configuration information management;
- * Support equipment fault management, real-time monitoring of equipment in various areas, and real-time alarm for faults;
- * Support configuration management of trigger, microphone, intercom and other tasks;
- * Support multi-user management;
- * Support log integrated management of equipment, tasks and users;
- * Support remote update of audio files.

Railway VA-6500 EVAC System Software SL1 (VA-6503)



Feature

- * It can integrate with common Analog Railway VA-6500 EVAC System.
- * It can integrate with common Digital Railway VA-6500 EVAC System.

Railway VA-6500 EVAC System Software SM1 (VA-6503)



Feature

- * Support one-click query of equipment in the system;
- * Support equipment configuration and equipment information modification.



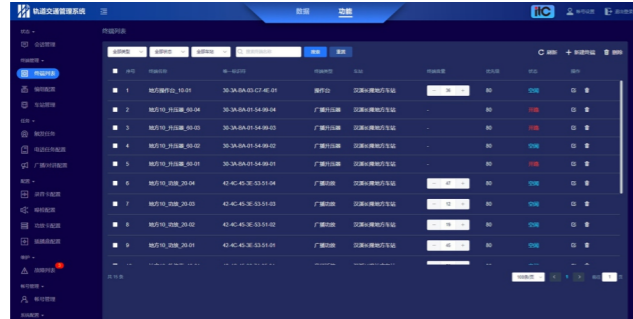
HIGH - TECH ENTERPRISE

All in One Wall-mounted Public Address and Voice Evacuation System VA-6500



HIGH - TECH ENTERPRISE

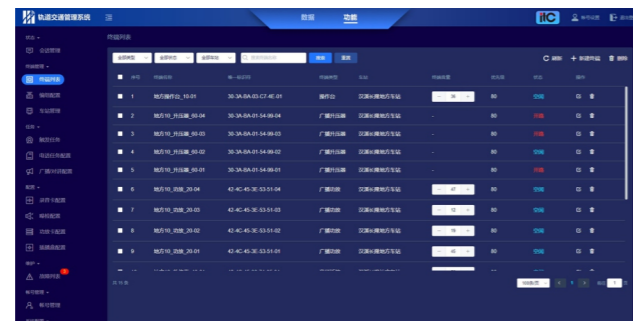
Railway VA-6500 EVAC System Software SR1 (VA-6503)



Feature

- * Support dual-network dual-channel backup recording.
- * Support 3-months recording file storage.
- * Support recording query and export function.

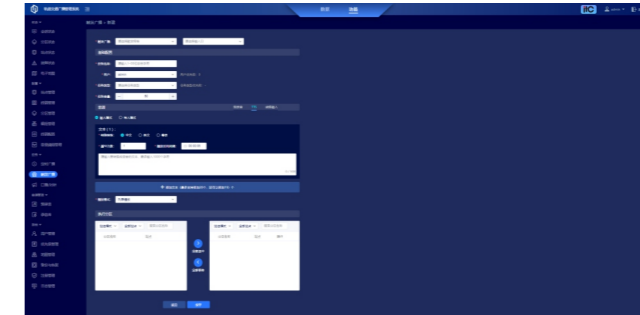
Railway VA-6500 EVAC System Software SS1 (VA-6503)



Feature

- * Support real-time management of device information and device status, support one-key replacement of device addresses and device custom group management;
- * Support the current task status management of the system, and support the closing function of the session task;
- * Support the management and input of station information;
- * Supports task distribution management such as trigger tasks, telephone interface card tasks, and digital microphone broadcasting;
- * Support the distribution and management of broadcast tasks of parallel broadcasting, TTS broadcasting, timed broadcasting, emergency broadcasting, and zone broadcasting;
- * Support multi-user, sub-authority, sub-equipment management system;
- * Support log integrated management of equipment, tasks and users;
- * Support trigger task management such as trigger and external communication;
- * Support the custom function of prompt sound information;
- * Full digital management.

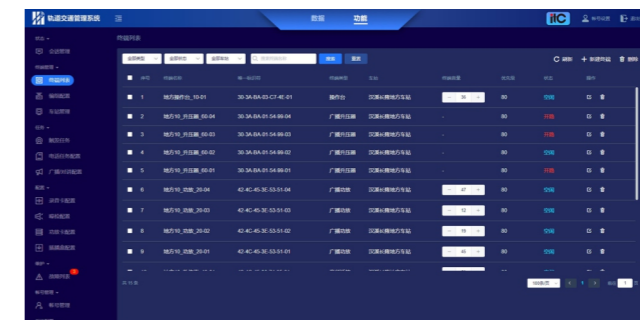
System Software SS2 (VA-6503)



Feature

- * Support Chinese and English text-to-speech function.
- * Support customized local language conversion.

System Software ST1 (VA-6503)



Feature

- * Equipment status management.
- *Support task status management.
- *Support station information management.
- *Support task distribution management.
- *Supports task distribution management such as oral broadcast, line input, emergency alarm, temporary broadcast and parallel broadcast.
- *User permission management is supported.
- *Support integrated management of equipment, task and user logs.
- *Support the management of triggering tasks such as contacts and external communication.
- *Full digital management.

Speaker
VA-6506 (Specification: SP41P)



Application

- * Public broadcasting for airports, automobiles, railways and subway stations.
- * Internal broadcasting for ships and warships.
- * Public and emergency broadcasting for schools, shopping malls, hotels, and institutions.
- * Emergency broadcasting in public places such as parks and squares.

Feature

- * Aluminum alloy main integrated structure + sandwich structure of front and rear mesh covers, high strength, firm and reliable.
- * Ultra-thin body shape, the total thickness is not more than 40mm, the surface is anodized with fine sand grains, beautiful and generous.
- * Built-in 2 planar drivers, front and rear 360-degree sound, plane wave transmission, long transmission distance.
- * With embedded control technology and DSP audio processing technology.
- * Network data transmission technology based on completely independent intellectual property rights, fully controllable.
- * Built-in 2-way network hardware audio decoding module, support TCP/IP, UDP protocol, realizes network receiving audio signal.
- * Equipped with AC220V power interface, built-in 25W high-efficiency power amplifier.
- * Support direct access to the rail transit broadcast system network to expand the broadcast zone.
- * Rail transit broadcasting system network audio source reception, decoding, power amplification and broadcast sound reinforcement.
- * Support reporting the working status of the device: online status, fault status, etc
- * Support system management and control of rail transit broadcasting system.
- * Support equipment-side monitoring of rail transit broadcasting system
- * Multi-point installation, horizontal or vertical installation.
- * Anti-mildew, anti-moisture, anti-salt spray.

Specification

Model	VA-6506
Rated power	25W
Input interface	2 core waterproof aviation socket
Frequency response	80 Hz -18KHz
Impedance	4Ω
Sensitivity	88dB±3dB
Sound pressure level	92dB (MAX)
Number of drives	2 sets
Voice direction	Front and rear
Dimensions	536.5×345×40mm
Net weight	About 4.96Kg
Operating temperature	-25℃~60℃
Installation method	Hoisting, Horizontal

Speaker
VA-6506 (Specification: SP41V)



Application

- * Public broadcasting for airports, automobiles, railways and subway stations.
- * Internal broadcasting for ships and warships.
- * Public and emergency broadcasting for schools, shopping malls, hotels, and institutions.
- * Emergency broadcasting in public places such as parks and squares.

Feature

- * Aluminum alloy main integrated structure + sandwich structure of front and rear mesh covers, high strength, firm and reliable.
- * Ultra-thin body shape, the total thickness is not more than 40mm, the surface is anodized with fine sand grains, beautiful and generous.
- * Built-in 2 planar drivers, front and rear 360-degree sound, plane wave transmission, long transmission distance.
- * Built-in transformer, low-cut capacitor, support 100V 25W power output
- * Support direct connection with regular pressure amplifiers for public broadcasting sound reinforcement
- * Multi-point installation, horizontal or vertical installation.
- * Anti-mildew, anti-moisture, anti-salt spray.

Specification

Model	VA-6506
Rated power	25W
Input interface	2 core waterproof aviation socket
Frequency response	100V
Impedance	80 Hz -18KHz
Sensitivity	88dB±3dB
Sound pressure level	92dB (MAX)
Number of drives	2 sets
Voice direction	Front and rear
Dimensions	536.5×345×40mm
Net weight	About 5.42Kg
Operating temperature	-25℃~60℃
Installation method	Hoisting, Horizontal

Speaker
VA-6506 (Specification: SP42P)



Application

- * Public broadcasting for airports, automobiles, railways and subway stations.
- * Internal broadcasting for ships and warships.
- * Public and emergency broadcasting for schools, shopping malls, hotels, and institutions.
- * Emergency broadcasting in public places such as parks and squares.

Feature

- * Aluminum alloy main integrated structure + sandwich structure of front and rear mesh covers, high strength, firm and reliable.
- * Ultra-thin body shape, the total thickness is not more than 40mm, the surface is anodized with fine sand grains, beautiful and generous.
- * Built-in 2 planar drivers, front and rear 360-degree sound, plane wave transmission, long transmission distance.
- * With embedded control technology and DSP audio processing technology.
- * Network data transmission technology based on completely independent intellectual property rights, fully controllable.
- * Built-in 2-way network hardware audio decoding module, support TCP/IP, UDP protocol, realizes network receiving audio signal.
- * Equipped with AC220V power interface, built-in 50W high-efficiency power amplifier.
- * Support direct access to the rail transit broadcast system network to expand the broadcast zone.
- * Rail transit broadcasting system network audio source reception, decoding, power amplification and broadcast sound reinforcement.
- * Support reporting the working status of the device: online status, fault status, etc
- * Support system management and control of rail transit broadcasting system.
- * Support equipment-side monitoring of rail transit broadcasting system
- * Multi-point installation, horizontal or vertical installation.
- * Anti-mildew, anti-moisture, anti-salt spray.

Specification

Model	VA-6506
Rated power	50W
Input interface	2 core waterproof aviation socket
Frequency response	80 Hz -18KHz
Impedance	4Ω
Sensitivity	88dB±3dB
Sound pressure level	92dB (MAX)
Number of drives	2 sets
Voice direction	Front and rear
Dimensions	536.5×345×40mm
Net weight	About 4.96Kg
Operating temperature	-25°C~60°C
Installation method	Hoisting, Horizontal

Speaker
VA-6506 (Specification: SP42R)



Application

- * Public broadcasting for airports, automobiles, railways and subway stations.
- * Internal broadcasting for ships and warships.
- * Public and emergency broadcasting for schools, shopping malls, hotels, and institutions.
- * Emergency broadcasting in public places such as parks and squares.

Feature

- * Aluminum alloy main integrated structure + sandwich structure of front and rear mesh covers, high strength, firm and reliable.
- * Ultra-thin body shape, the total thickness is not more than 40mm, the surface is anodized with fine sand grains, beautiful and generous.
- * Built-in 2 planar drivers, front and rear 360-degree sound, plane wave transmission, long transmission distance.
- * Support 4Ω 50W power output.
- * Support direct connection with conventional fixed-resistance power amplifiers for public address sound reinforcement.
- * Multi-point installation, horizontal or vertical installation.
- * Anti-mildew, anti-moisture, anti-salt spray.

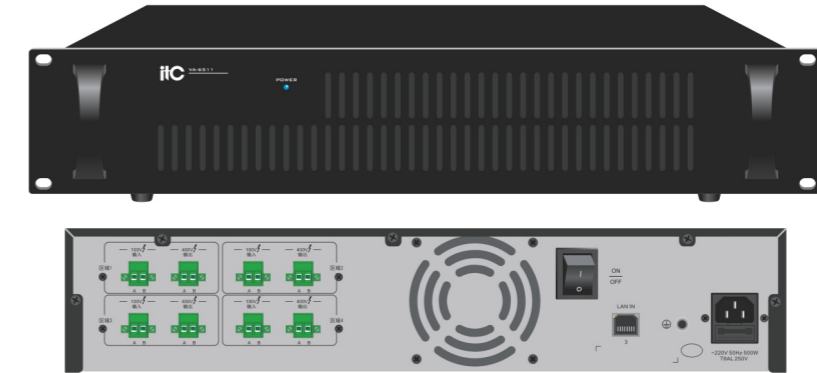
Specification

Model	VA-6506
Rated power	50W
Input interface	2 core waterproof aviation socket
Frequency response	80 Hz -18KHz
Impedance	88dB±3dB
Sensitivity	98dB (MAX)
Sound pressure level	2 sets
Number of drives	Front and rear
Voice direction	536.5×345×40mm
Dimensions	About 3.15Kg
Net weight	-25°C~60°C
Operating temperature	Hoisting, Horizontal

**Speaker
VA-6506 (Specification: SP42V)**



**Broadcast Booster
VA-6511**



Application

- * Public broadcasting for airports, automobiles, railways and subway stations.
- * Internal broadcasting for ships and warships.
- * Public and emergency broadcasting for schools, shopping malls, hotels, and institutions.
- * Emergency broadcasting in public places such as parks and squares.

Feature

- * Aluminum alloy main integrated structure + sandwich structure of front and rear mesh covers, high strength, firm and reliable.
- * Ultra-thin body shape, the total thickness is not more than 40mm, the surface is anodized with fine sand grains, beautiful and generous.
- * Built-in 2 planar drivers, front and rear 360-degree sound, plane wave transmission, long transmission distance.
- * Built-in transformer, low-cut capacitor, support 100V 50W power output.
- * Support direct connection with conventional fixed-resistance power amplifiers for public address sound reinforcement.
- * Multi-point installation, horizontal or vertical installation.
- * Anti-mildew, anti-moisture, anti-salt spray.

Specification

Model	VA-6506
Rated power	50W
Input interface	2 core waterproof aviation socket
Frequency response	100V
Impedance	80 Hz -18KHz
Sensitivity	88dB±3dB
Sound pressure level	92dB (MAX)
Number of drives	2 sets
Voice direction	Front and rear
Dimensions	536.5×345×40mm
Net weight	About 5.42Kg
Operating temperature	-25°C~60°C
Rated power	Hoisting, Horizontal

Description

The weak current room or equipment room installed in each area can be connected with 4 100V constant-voltage amplifiers for audio constant-voltage output boost function.

Feature

- * Standard 19-inch rack design, all-aluminum panel, professional mechanical assembly process, high-grade appearance.
- * Built-in 4 sets of independent constant voltage 100V input interfaces, each group provides 4 sets of independent constant voltage 400V output after boosting through the internal audio transformer of the equipment.
- * The optimized 100V constant voltage output is attenuated after long-distance transmission, and a longer sound reinforcement transmission distance is achieved through internal audio boosting.

Specification

Model	VA-6511
100V constant voltage input power	≤ 100 W
100V constant voltage input interface	4 sets of standard industrial grade crimp terminals
400V constant voltage output interface	4 sets of standard industrial grade crimp terminals
Audio conversion efficiency	95%
Frequency response	80Hz ~ 16kHz, + 1dB, -3dB
SNR	≥ 70 dB
Dimension	484 × 300 × 88 mm
Weight	20kg
Power supply	Passive
Operating humidity	5% ~ 95%
Operating temperature	-20 ~ 60°C