



HEINRICH

Technology Beyond Imagination.



PRODUCTS SOLUTION CATALOGUE



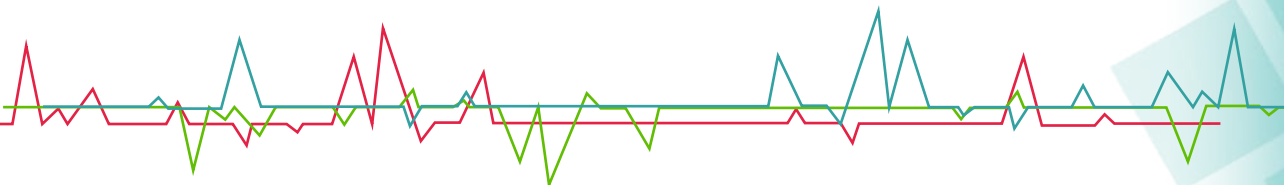
COMPANY OVERVIEW

HEINRICH is one of the most renowned German composers of all time and a brilliant organist in the 17th century, alongside Claudio Monteverdi. His long and illustrious career was spread across the late Renaissance to the Baroque era. Known for the composition of a large body of vocal and choral music.

Now **HEINRICH LIMITED** is a UK-based company headquartered in London. **HEINRICH** offers the most comprehensive range of solutions for today's **residential, commercial, and industrial buildings, airports, metros, hotels, auditoriums, live music performances, conferences, and railways etc.** The **HEINRICH** solutions help customers achieve savings in energy, time and cost, all while enhancing safety

HEINRICH continues investment in the research and development (R&D) of its product range to ensure compatibility and compliance with all applicable industry standards such as **EN-54, BIS, CE and ROHS**. As a leading company in life safety products, our mission is to provide customers with **high-quality professional sound systems, PA/VA, IP based intercom systems, fire alarm systems, video surveillance systems, nurse call systems, and networking solutions** that can offer an improved, safer, easy-to-use, and more efficient solution. The experience of our R&D and customer/technical support team has allowed us to implement and respond rapidly to the demands of our various vertical markets with specific solutions.

HEINRICH's design expert team ensures that customer requirements are central to each system by selecting the most suitable products for the project. Our engineering team works closely with our customers to ensure each system is fully compatible with project requirements and will not adversely impact site infrastructure. We have completed **1500+ project installations** around the world in industries such as **railways, metros, corporate, malls, tunnels, conference rooms, auditoriums, and so on.**



POLICY

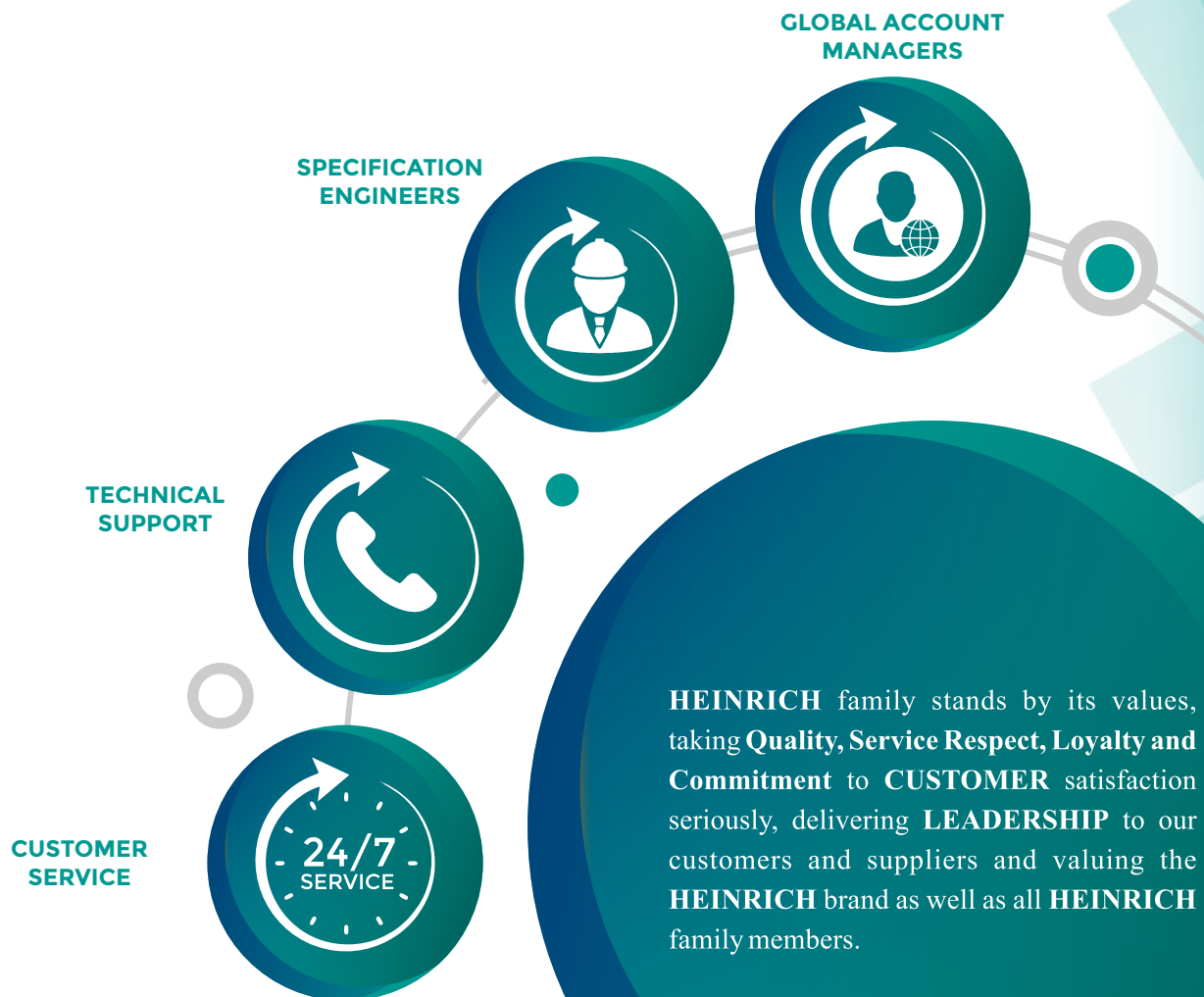
The **HEINRICH LIMITED** is a most intimate connection between decency and good business. We believe that the main purpose of a corporation should be to serve customers, Employees, and communities. By staying true to those values, Now, more than ever, companies must not just proclaim the highest standards, they must live them every day, Family promises the delivery of its services.

VISION & MISSION

To distinguish the **HEINRICH** brand to become number **ONE** in every market. We serve and revolutionize this company to have the strengths of a big company i.e., a leader of quality products, customer service, and innovation for tomorrow.

The **HEINRICH** strives to achieve **EXCELLENCE POSITION** in setting the leading standards in Life Safety and Automation through top Quality products and Service.

COMPANY VALUE



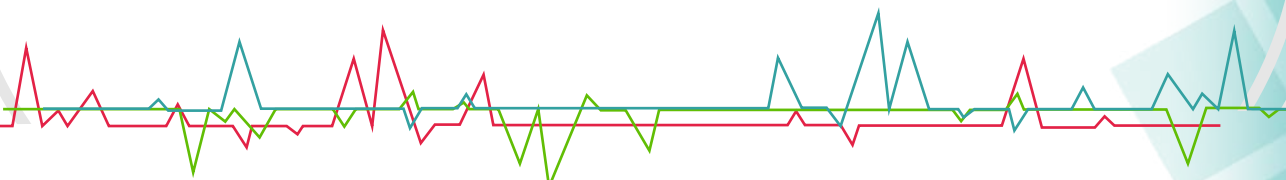
GLOBAL PRESENCE



Heinrich believes that opportunities are everywhere. Over the past decades, We have **Designed, Delivered & Executed** life safety products that have made us the world's leading manufacturer.

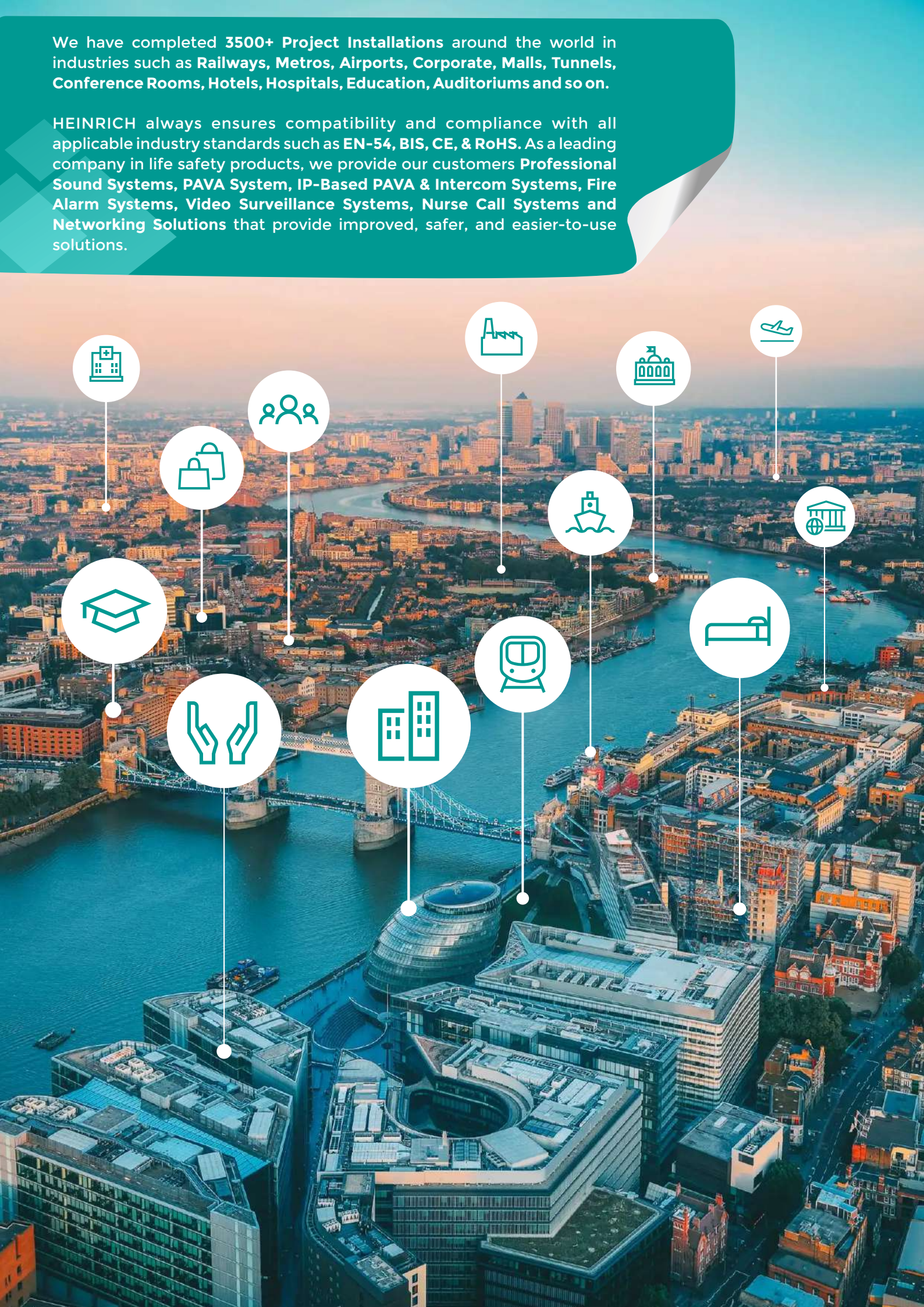


To achieve and deliver the best for our customers, we never stop improving ourselves. Together with **Trust & Strong Partnerships** around the globe. We combine **Products, Services & Partners** with our offices.

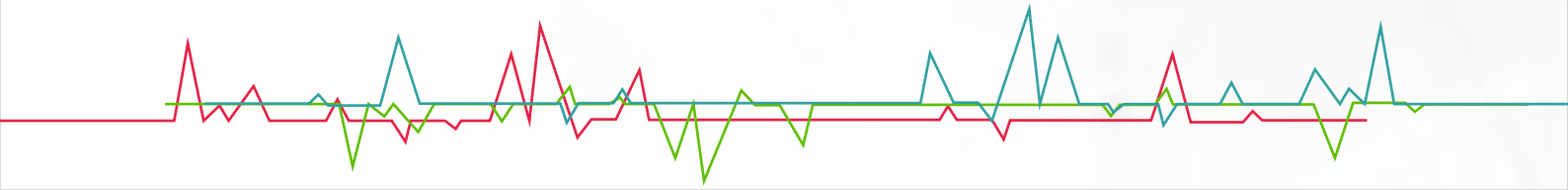


We have completed **3500+ Project Installations** around the world in industries such as **Railways, Metros, Airports, Corporate, Malls, Tunnels, Conference Rooms, Hotels, Hospitals, Education, Auditoriums** and so on.

HEINRICH always ensures compatibility and compliance with all applicable industry standards such as **EN-54, BIS, CE, & RoHS**. As a leading company in life safety products, we provide our customers **Professional Sound Systems, PAVA System, IP-Based PAVA & Intercom Systems, Fire Alarm Systems, Video Surveillance Systems, Nurse Call Systems and Networking Solutions** that provide improved, safer, and easier-to-use solutions.



WE OFFERS FOLLOWING
SOLUTIONS



CORPORATE SOLUTION



▶ DVA8-500 & DVA8-500RT (8 Zone PA/VA Controller & Router)

DVA8-500 & DVA8500RT digital voice evacuation system all in one digital controller. Built-in 500W 8 zone class-d amplifiers, expandable up to 160 zones. An integrated EVAC system, paging system, pa system and BGM system. There are two separate players for EVAC and alerts. An SD card is used to record voice messages. The speaker line is equipped with integrated low impedance supervision for 8 zones. Power can be expanded with an external amplifier, allowing for the connection of 32 units of remote microphones. Red button EVAC activation with priority, including fireman microphone. IEC608409, EN54-16 standards.

DVA8-500RM (12 Buttons Remote Paging Microphone) ◀

DVA8-500RM is a remote paging microphone that works with the DVA8-500 controller, which has 8 zones of paging. It has a communication distance of up to 600 metres through a straight CAT6 cable. Each controller can connect up to 32 units of microphones, and they should be connected hand-in-hand. These 32 remote paging microphones could be pre-set with different priorities by its dipswitch. The remote paging microphone is powered directly by the amplifier.



▶ DVA8-500TM (Touch Screen Microphone)

DVA8 500TM is a touch-screen microphone that works with DVA series, with 120 zones of paging features, communication distance up to 300 metres through direct CAT 6 cable. Each controller can connect up to 32 units of microphones, and they should be connected hand-in-hand.

H6120M (6 Zones Matrix Mixer Controller with Amplifier) ◀

H6120M Matrix Mixer Controller with amplifier is designed to meet the needs of a paging system & Background Music system. The H6120M has 6 zones of 120 watts in each zone and can expand 7 routers up to 32 zones. The controller features separate volume controls and separate touchscreen audio zone selectors for playing BGM via mobile Bluetooth. The system can also continuously announce through a remote paging microphone. It also has input from an external amplifier for power expansion. It can connect up to 8 remote microphones. It is the ideal solution for advanced buildings & smart hotels etc.



▶ DVA8-500W (8 Zones Wall Mount Voice Evacuation Controller)

DVA8-500W is the master controller of the wall mount voice evacuation system. Built-in 650W high-efficiency digital power amplifier, expandable up to 160 zones. BGM (Background Music), evacuation and emergency messages & have a handheld emergency microphone to make voice evacuation and broadcast. DVA8-500W is a perfect solution for intelligent buildings and an innovative solution for advanced and smart buildings.

DVA8-500FM (Fire Man Microphone) ◀

The DVA8-FM is a wall-mounted MIC designed for firemen that meets EN standards. This product is designed for public address applications in commercial and industrial settings. The transmission distance is extended by balancing transmission to 600M, and the phantom power supply can be powered by DC 24V. The MIC is capable of real-time monitoring, Paging Priority can be configured, and operation permissions can be controlled.



▶ DVA4W-500 (4 Zones All-In-One PAVA Controller)

The DVA4W-500 has 4 zones of 120 watts each and can expand up to 32 zones. The controller features separate volume controls as well (ATT). In addition to SD card players, it has two different EVAC players. If a problem arises, a standby mode is included. It also has input from an external amplifier for power expansion. Except for the fireman's microphone, it can connect up to 8 remote microphones. You can activate the emergency evacuation message by pressing the red "EVAC" button. It is the ideal solution for smart and advanced buildings.

VOICER-G3 & VOICE-G3RT (6 Zones Voice Alarm Controller & Router) ◀

Heinrich's Voicer G3 is the center of the voice alarm system. It's equipped with 240W/500W Class-D digital amplifiers. It also includes audio digital signal processing, as well as other DSP functions like mixers, equalizers, compressors, limiters, etc. In the Voicer G3, microphones are fully monitored, amplifiers are monitored with automatic switchover to extension or backup amplifiers, and loudspeaker lines are monitored. It has two XLR-balanced music inputs and four Mic/line inputs. It can allow paging in zones, groups of zones, and all zones using a Voicer G3 RM paging microphone. Volume controls are pre-fitted for each channel, along with Bass, Treble, and Master controls.



AIRPORT SOLUTION



▶ VAC/C (Digital Voice Evacuation / Public Address System)

VAC/C is a system manager combine with an audio input, audio output unit, matrix, DSP, speaker line controller and network switch in one device. Flexibility of this CU allows for optimization of both equipment and costs of operation in both minor and major structures as well as scattered groups of buildings. While working in the network system and when losing connection with a superior unit VAC/C is able to carry out Evacuation scenarios independently thanks to the locally recorded configuration.

▶ CCM8 (8 Channel Changeover Unit)

CCM8 switchover controller provides main and backup amplifier switching, speaker circuit grounding, open circuit detection, and short circuit detection, and is compatible with three or four wire volume controllers, requiring no extra wiring or power supply, combining 8 programmable stem mode or wet mode trigger inputs and 8 programmable on-line output signals. To provide a safe and affordable solution to the PA & Voice Alarm system, it works with class-D digital amplifiers or power amplifiers.

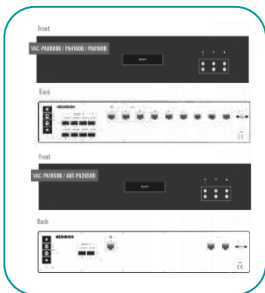
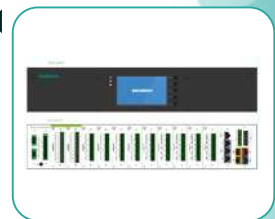


▶ PMC8 & PMC8-TM (Remote & Touch Screen Microphones)

PMC8 & PMC8-TM can only be used for purposes not related to evacuation / alarm. It is a zone microphone for announcement in the selected zones by the user or operator. Microphone having 8 buttons for announcement in 8 zones and can be extend up to 64 buttons by the help extension Keypad PMC8-Keypad and by PMC8-TM both control buttons located next to LCD display, and touch-screen display.

▶ VAC-CU-11LCD/LT (Control Unit - 11 control slots)

ABT-CU-11LCD/ LT is a system manager combine with an audio input, audio output unit, matrix, DSP, speaker line controller and network switch in one device. Flexibility of this CU allows for optimization Of both equipment and costs of operation in both minor and major structures as well as scattered groups of buildings. While working in the network system and when losing connection with a superior unit ABT-CU-11LCD/LT is able to carry out Evacuation scenarios independently thanks to the locally recorded configuration.



▶ VAC-PA8080B/VAC-PA4160B/VAC-PA8160B/VAC-PA1650B/VAC-PA2650B (Power Amplifier Series)

The VAC-PAXXXXB is a family of 2U, rack mountable, 8-channel (VAC-PA8080B, VAC-PA8160B), 4-channel (VAC-PA4160B), 2 channel (high power VAC-PA2650B) and 1 channel (VAC-PA1650B) class-D transformer isolated power amplifiers for 50 V and 100 V distributed loudspeaker systems. Amplifier VAC-PA8080B can deliver up to 8 x 80 W, for VAC-PA8160B and VAC-2650B delivering power increases Respectively to the 8 x 160 W and 2 x 650 W. In a bridged mode amplifier channels are combined and can deliver 4x 160 W for VAC-PA8080B, 4x320 W for VAC-PA8160B and 1x 1300 W for ABT-PA2650B. These amplifiers have 48 VDC input which allows to connect with battery backup system for maximum availability and durability in a voice evacuation system.

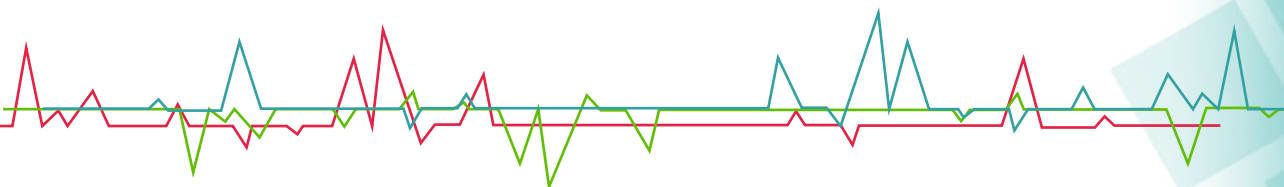
▶ VAC-DMS-LCD (Zone Microphone With LCD)

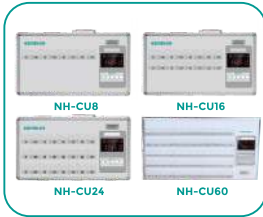
For intuitive and easier operation, VAC-DMS-LCD has been equipped with a touch-screen display. Navigation in the menu and change of settings is possible by means of both control buttons located next to LCD display and touch-screen display. VAC-DMS-LCD can only be used for purposes not related to evacuation/ alarm. Zone microphone is equipped with intercom function which provides two-way communication between the zone microphones. VAC-DMS-LCD has 4 local audio inputs on board and 1 audio output which allows for further system extension. Communication with control units takes place via Ethernet 10/100BASE-TX, 1 LAN port.



▶ CNSM/DNM/C-NSM(A)/C-NSM(B) (Ambient Noise Sensors)

CNSM/DNM/C-NSM(A)/C-NSM(B) Ambient Noise Sensors is designed to adjust the level of public address announcements based on a measure of the ambient noise in the PA zone. This will maintain a set volume of public address audio above the ambient noise, in order to guarantee that the announcement is intelligible, yet at a comfortable level. ANS sensor detects ambient noise using its built-in microphone and send digital command to controller to take necessary action based on the ambient of environment.



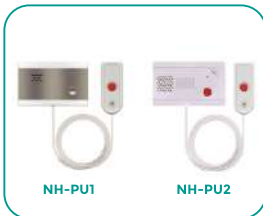


▶ NH-CU24, NH-CU60 (Nurse Call System Controllers)

There are 24 and 60 gates host. The host is installed at the nurse station. It has functional display, display, set-up and other common functions. The connecting interfaces are on the two-side of the host. Highly integrated aluminium alloy shell with hanger hole. Master Station and display panel display the number of bed (2 groups of 3 digit) and room, When there is no calling happen, display current time and date. Unique Talk function, Break the strain of distance. Can work with 152 call buttons at the same time. With medical case slots and indicator lights. Smart Troubleshooting. (If a fault or problem occurred, the receiver will warn and auto self-checking to lowest the maintenance Cost). Each Master unit can control up to 50 units door lamps.

NH-WU3 (Waterproof Pull Cord) ◀

A nurse call waterproof pull chord is specially design for toilets that allows patients in health care settings to alert a nurse or other health care staff member remotely of their need for help. When the chord attached to unit is pulled, a signal alerts staff at the nurse's station, others simply beep or buzz at the station, requiring a staffer to actually visit the patient's place to determine the patient's needs.



▶ NH-PU1, NH-PU2 (Bed Side Nurse Call Units)

Bedside Nurse Call Units with two call buttons, both on the plate and handle, make calling the nurse much easier. Unique Talk Function, Connect the call button to the phone and let patients talk directly to nurses remotely. High-quality built-in speakers, with a high volume and a clear voice, create a new bridge between nurse and patient with the PC and ABS enclosure.

NH-SSD & NH-DSD (Single & Double Side Corridor Display) ◀

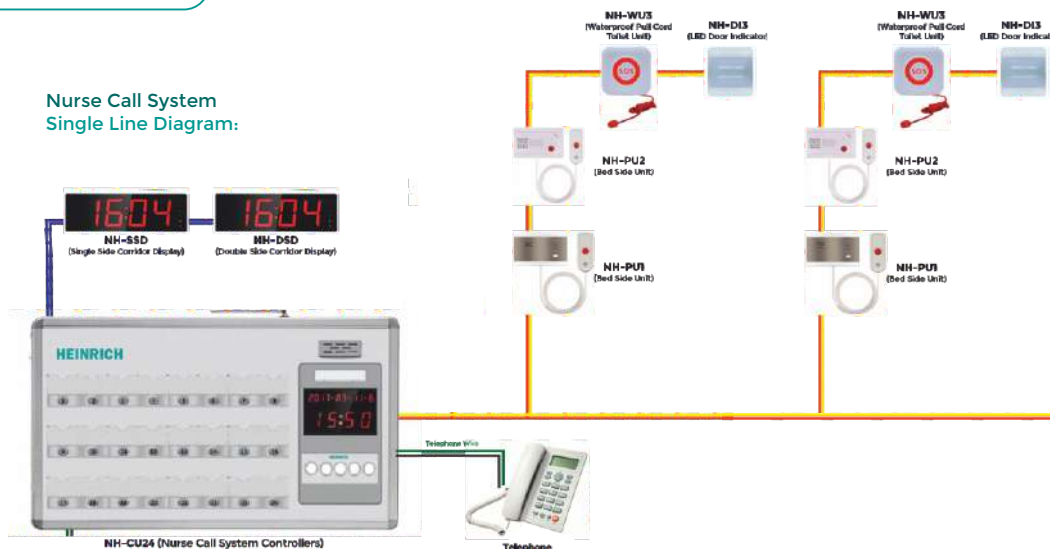
Receiver for High Precision Timing and Double-Sided Display, NH-SSD & NH-DSD. High precision built-in timer with a temperature compensation function, effectively reduces the time error caused by cold or hot weather. The total time error within one year is less than 2 minutes. The built-in power amplifier drives the loudspeaker directly, ensuring a clear voice.



▶ NH-DI3 (LED Door Indicator)

A HEINRICH LED Door Indicator in size 86 box design can be wall-mounted outside a ward door, making it easy for medical personnel to observe from the corridor.

Nurse Call System Single Line Diagram:



PROFESSIONAL SOUND

(Auditorium/Conventional Halls Solution)



▶ H8/10/12/15 (High End 8",10",12",15" Professional Loudspeaker)

Compact professional audio and monitor loudspeakers, the H8/10/12/15 offers reliable 2-way technology for professional applications. A linear frequency and phase response and very little distortion. Even with high sound technology for professional users. Linear frequency and phase response, with little distortion. Even at the high sound, there is a natural broad spectrum of sound.

▶ Line Array 150 (Passive Line Array Loudspeaker)◀

Heinrich Line Array 150 speaker is combined of tweeters and woofers. Using 15mm birch, its housing is small in size, light in weight, and it also adopts wear-resistant paint treatment and dust-proof net Cotton inside. The combination of hoisting installation and linear array design, allows 0-14 degrees of adjustable coverage area of the speaker, and has the advantages of compact combination, lightweight, and convenient engineering assembly.

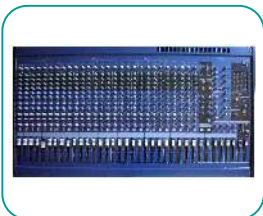


▶ H18-S (High End 18" Professional Subwoofer)

The H18-S is a high-power bass loudspeaker for use with external power Amplifiers, Frequency crossovers and controllers. The functionality of H18-S is based on dual port back-end technology. This design has been proven in the Professional Audio field to produce more precise bass reproduction through a controlled transient response and an extremely deep cabinet tuning when compared to basic bass reflex contractions.

▶ HM500H/HM5002L/HM600H (UHF Wireless Microphones)◀

The UHF Wireless Microphones has a frequency range of 100-890 MHz, two receive channels, and 200 transmit channels. With the Hand-held channel, up to 400 receivers can be stacked at the same time, and more than 12 receivers can work simultaneously. As well as 2 channels, it has a mixed output, a line output and an XLR output. It also has an LCD display that shows the channel and the current battery voltage. You can receive every channel and the LCD can display RF frequency intensity, antenna polarization and other menu contents. The range is greater than 200 meters indoors and greater than 300 meters outdoors.

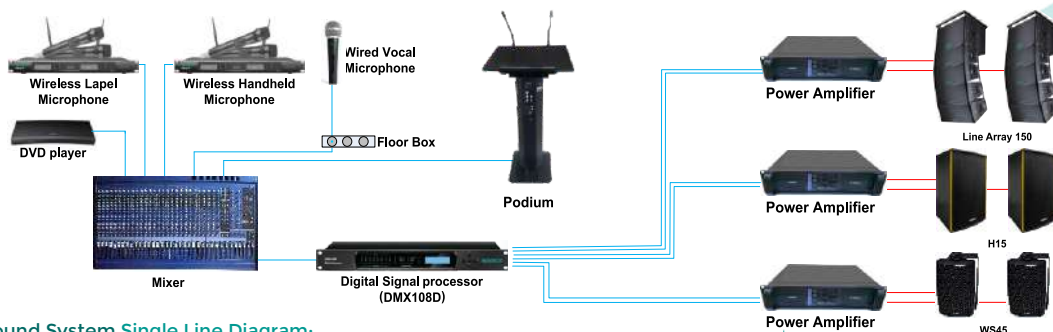


▶ CM16/24/32 (16/24/32 Channel Mixer)

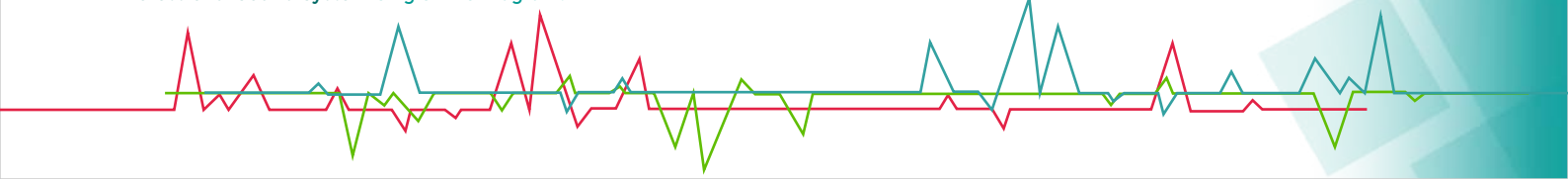
Heinrich's CM16/24/32 features SMT technology circuit design, powerful and complete function, sweet sound, clear treble, shock bass. It has independent four group output, 2 auxiliary output, 2 effect output. Built-in two groups of 21 kind DSP effect, 9 stage equalization adjustable output channel. Moreover it has 8 stereo input; 4 stereo external effect signal input. Perfect solution for stadiums, auditoriums, theatres & concerts etc.

▶ DSP1616/DMX108D (Digital Matrix Processor)◀

Heinrich's DPS1616/DMX108D has 8/16-channel Phantom Power Microphone/circuit input, 8/16-channel circuit Output and 8-channel External control input and 8-channel Logic output with High-speed processing DSP Chip, the new generation of AFC algorithm to eliminate feedback faster and make the system more stable 96KHZ sampling frequency, 32-bit DSP processor, 24-bit A / D and D / A conversion, Microphone Pre-amplifier, Compressor, Auto Gain Control, Ducker, Auto Mixer, Matrix Mixer, AEC, ANS, Crossover, Equalize PEQ, Limiter and Delay, provides the complete set of audio processing solution.



Professional Sound System Single Line Diagram:



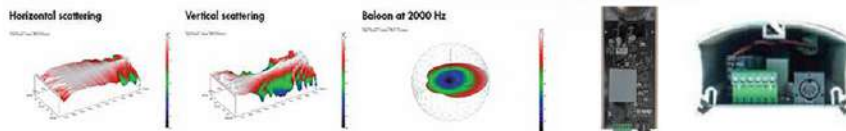
DIGITAL ACTIVE LINE ARRAY LOUDSPEAKER



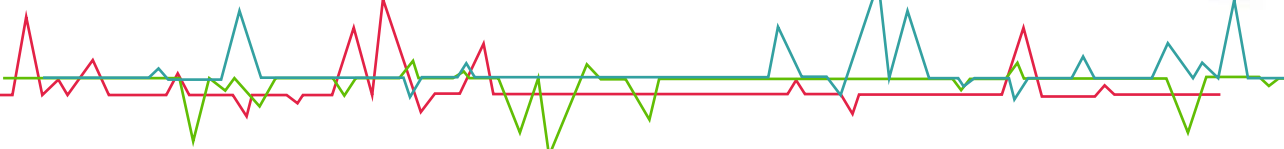
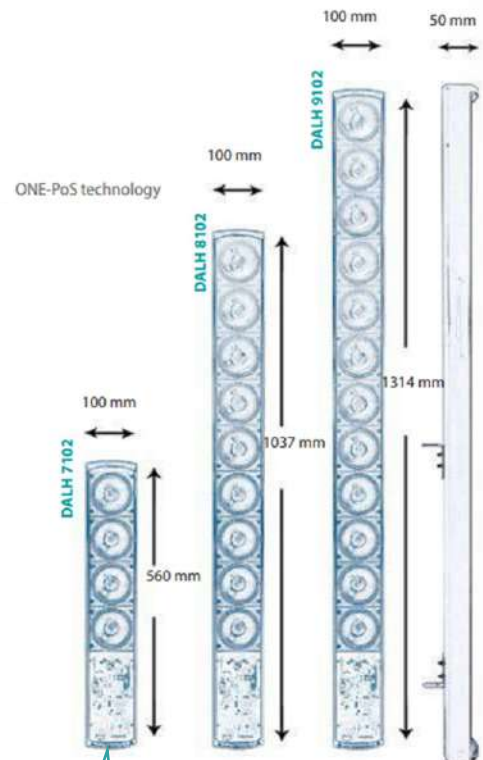
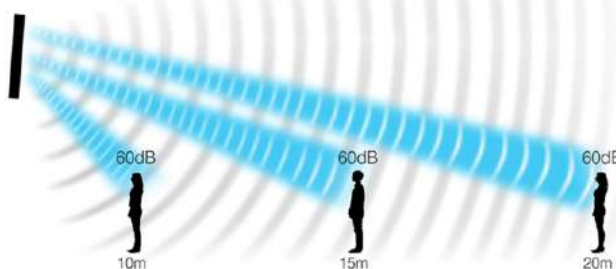
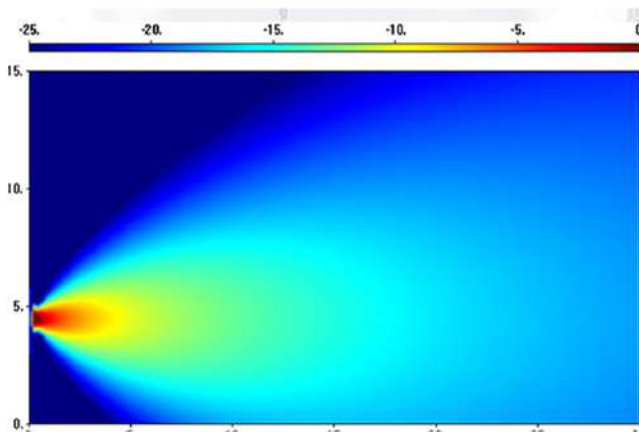
3 Different line array speakers dedicated to ONE-PoS technology:

- DALH7102 drivers full range 3.5" total 9 drivers
- DALH8102 drivers full range 3.5" total 16 drivers
- DALH9102 drivers full range 3.5" total 18 drivers

The DAL Series Line Array features 3.5" high-efficiency drivers mounted in a self-supporting basket, ensuring the entire array is accurate both vertically and horizontally. The robust mechanical structure, obtained from extruded aluminum, is designed to have the most optimal compromise between design and pursued audio features without creating acoustic intersections. An ideal solution for airports, churches, train stations, halls, auditoriums, and mosques.



- | | |
|--|---|
| (1) Digital active line array loudspeaker | (5) Built-in digital signal amplifier |
| (2) Digital Directivity Control (DDC) | (6) Wireless control via web interface |
| (3) Three-bands sound beam direction control | (7) Delivering extraordinary sound clarity. |
| (4) Directional angle: Horizontal > 120°. Vertical < 50° | (8) EN54 Certified |



CONFERENCE/AV SYSTEM

DHC600M/CE3500/CE1200H (Digital Conference Controllers)

Heinrich digital conference system, it break through the traditional conference system defect which adopted the 8-pin cable hand in hand transmission mode. Heinrich's dopted modern digital mainstream connection method: RJ45 cable interface, adopts originally imported high Performance CPU processor, fully digital signal processing can effectively enhance the whole system of Anti-interference ability, communication stability and confidentiality, the system adopted encryption intelligence digital control technology.



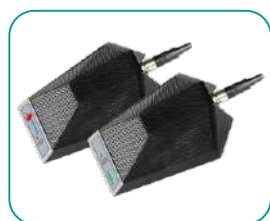
DHC600C & DHC600D (Chairman/Delegate Unit Microphones)

The unit features a flexible 15" super-cardioid gooseneck microphone for capturing audio and dual loudspeakers within the base for audio playback. The microphone operates in either direct access mode, wherein any delegate may speak at any time or in "request" mode wherein you must add your name to a list of delegates waiting to speak, and wait to be granted permission by the chairperson.

MC500C & MC500D

(Fully Digital Conference Embedded With Simultaneous Interpretation Unit)

The chairman and delegate unit is with voice control function and the voice sensitivity can be adjustable. Support to turn on and off intelligently. This Unit microphone adopts 48KHZ sampling rate, which is higher than the CD sound quality, more clear and bright. Built in DSP audio procession and no feedback low frequency sound. Delegate unit is with apply for speech function, the Chairman can approve the application for speech.



MC350A/MC350B (Boundary Layer Chairman/Delegate Unit)

MC350A / MC350B is a boundary layer chairman/delegate unit microphone that uses type B cables for connection. The microphone is equipped with an 8P-DIN socket for a "T" type connection, so extension cables can be ordered according to the actual situation in the conference room. Extension cables can be ordered based on the acoustics of the conference hall. In order to control the order of the conference, the chairman unit is equipped with priority buttons that can cut the signal of delegate units.

MC-DC120C/MC-DC120D

(Chairman/Delegate Gooseneck & without Gooseneck Microphones)

MC-DC120C / MC-DC120D Microphones must speak a single bond and lamp and can speak state instructions/controls An omnidirectional microphone with high sensitivity that prevents the sound of gas explosions. As a result, The chairman of the unit has the priority to speak control key, which can prompt the system to remind them to attend All permanent can be set to terminate, suspend, or indefinitely terminate on behalf of their respective units State. *(Available in Silver & Black Colors)*



MC150C & MC150D (Chairman/Delegate on Behalf of The Unit)

MC150C & MC150D microphones are designed in accordance with ISO and IEC914. The main unit supplies 24 safe voltages to all the delegates. There is a speaking button on the microphone, as well as a green indicator lamp that shows whether speech is being conveyed. In the event that the microphone is on, all loudspeakers will be in an idle state at the same time and the red indicators will start flashing. 30 seconds after making a speech, the microphone would automatically turn off.

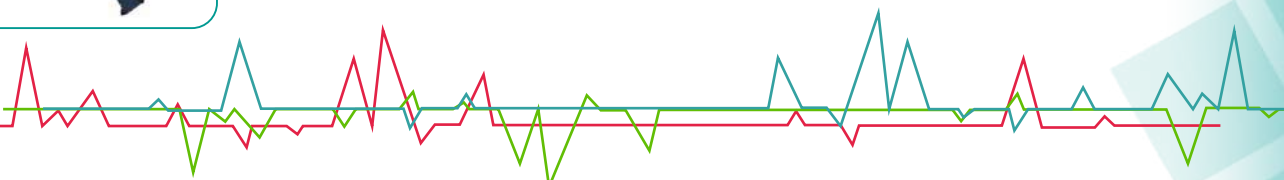
H9208H SWITCHER (16X16/8X8/4X4/ Matrix Switcher)

Matrix switcher is a flexible matrix signal switcher. High-performance hardware design perfectly supports all kinds of HD digital and analogue signal switcher, also supporting dual RS-232 and dual IR signal distribution switcher function. It provides one-stop solution for different kinds of video and control signal distribution processing. It is widely used in broadcast television project, multimedia conference hall, LSD display project, television education, command and control centre, etc.



HTB-HTC-VVV (Popup Table Top Box)

A smart solution for conference tables, with easy access to different types of cables. Using a hydraulic mechanism, the clamp is self-fitting and easy to install. The models are available in a rectangular shape, as well as in custom sizes and quantities as per your specifications.



PAPERLESS CONFERENCE SYSTEM



▶ HMP156T (Paperless Interactive Monitor Lift)

The machine uses intelligent control technology, takes intelligent terminal as application concept, and adopts original guide rail design. One key operation can complete startup, lifting/flipping up LCD screen and other actions. It has anti-theft and dustproof designs, looks elegant and is space saving and convenient in use. It can be widely used in conferences, offices, hotels, teaching studios and other places, and satisfy the needs of system development and office automation. It is an ideal assistant for your working and teaching.

▶ H15-TMM (LED Screen With Microphone Lifter) ◀

The product adopts intelligent control technology, taking intelligent terminal as application concept, adopting original guide rail design. One key operation can automatically complete starting, LCD screen up, elevation and other actions, beautiful desktop, space-saving as the purpose, easy to use. With anti-theft, anti-dust, beautify desktop and other function. It can be widely used in conference, office hotel, teaching studio and other occasion, to meet the customer systems development diversity, and office automation environment demand. It is one ideal assistant of your office and teaching.



▶ HS-8304H (Paperless Conference System Terminal)

It works with terminal embedded software to manage file transmission and distribution, file reading, file annotating, signing, voting, electronic whiteboard, electronic nameplate, conference communication, conference service, video signal interconnection, conference management, screen sharing, etc. It is suitable for all kinds of high end conference rooms of governments, enterprises and so on.

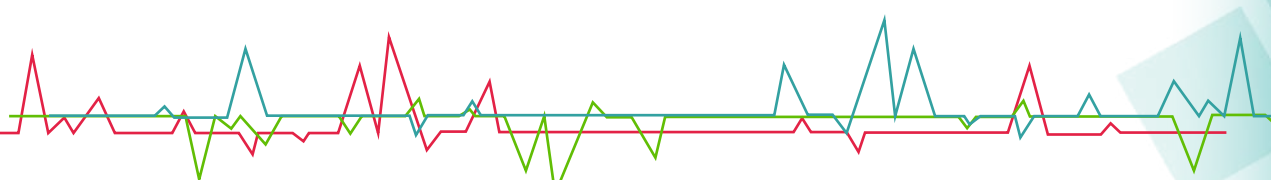
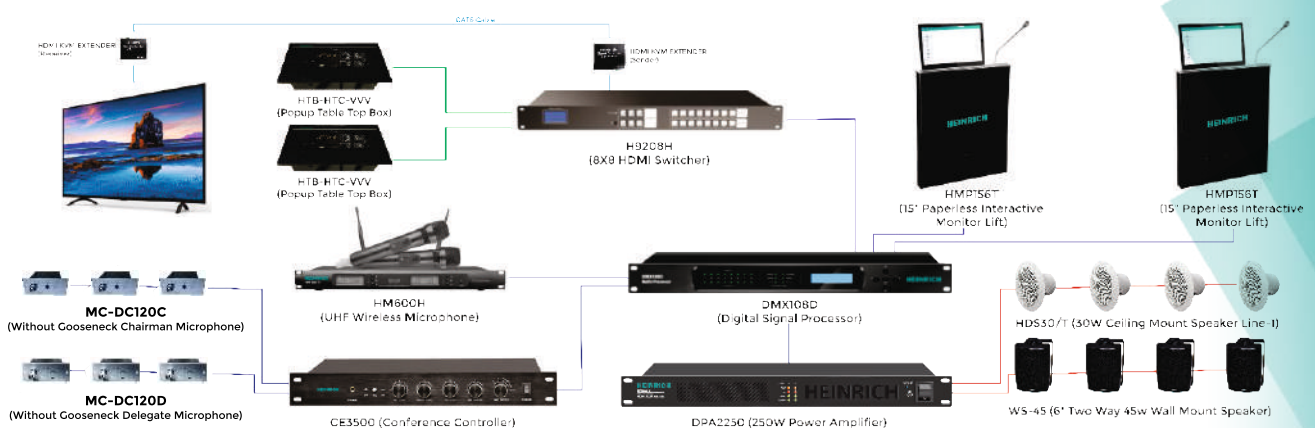
▶ HS8300H (Paperless Management Server) ◀

Paperless conference system controller with management software, is used to preset the conference information, including conference function module, conference themes, participant information, conference topics and voting content. It has application functions of uploading and sharing different conference data, managing and sitting the staff permissions, recording conference information in real time, etc.



▶ HS-8308H (Paperless Streaming Media Controller)

The controller is used for the collection and coding of HD video signals and the output of audiovisual signals outside the paperless conference system. It can support the interconnection between external and internal audiovisual signals for the system, and support conference information display functions such as signing, voting and screen sharing.



WIRELESS CONFERENCE SYSTEM



▶ H0300 (Conference Host)

H0300 offers original clock synchronization and transmission technology with an audio delay of less than 5ms and uncompressed recording rates of 48K. With STP and CAT5E, conference information is transmitted long-distance and reliably while maintaining superior sound quality. A high-performance DSP processor is built into the device. Audio matrix, howling suppression, EQ, volume, delay, and other functions are included.

H0300A (Wireless Touch Screen Delegate Unit) ◀

H0300A features advanced processing chip architecture, as well as unique processing algorithms. The microphone boots up in 5 seconds after a connection is made. It alerts the user when AP failures, host communication failures, weak signals, etc., are detected intelligently. Through PC Software, it is possible to uniformly change the display English.



▶ H0370HY (Interpreter Unit)

H0370HY has original clock synchronization and transmission technology, the audio delay is less than 5ms, and the sampling rate is 48K uncompressed. Using Cat5e cable, information will be transmitted reliably and sound will be of the highest quality even over long distances. It has a 5-band EQ function that can be adjusted, and the sound effects can be adjusted according to the voice characteristics of the speaker.

H0370T (Transmitter) ◀

The digital infrared transmitter is the core of the digital infrared voice distribution system. It compresses and encodes digital audio into full digital DQPSK modulation for transmission, and the system can transmit 8 channels at the same time. The infrared transmitter can be installed in a 19-inch standard cabinet, which is easy to store and operate.



▶ H0315W (AC High Power Wireless Access Point)

Heinrich H0315W is a coverage application solution specially designed for large-scale wifi conference system, which supports 802.11ac standard dual-band outdoor AP. The integrated antenna design flexibly meets the WiFi deployment requirements in outdoor environments. It is an industrial-grade product that meets the requirements of high and low temperature, IP66 protection and lightning protection. H0315W supports installation on horizontal and vertical poles, and the antenna coverage angle can be adjusted 180° horizontally and 90° vertically.

CE0590MH (UHF Wireless Conference Controller) ◀

UHF Wireless Conference System Main Controller CE0590MH host is a special unit with a trumpet host, suitable for small meetings and discussions. It has control meeting and discuss all the required functions. Its sound is pure, suitable for government, restaurants, conference rooms, training and education, the board of directors of the company meeting room, and small conference room inside the parliament.

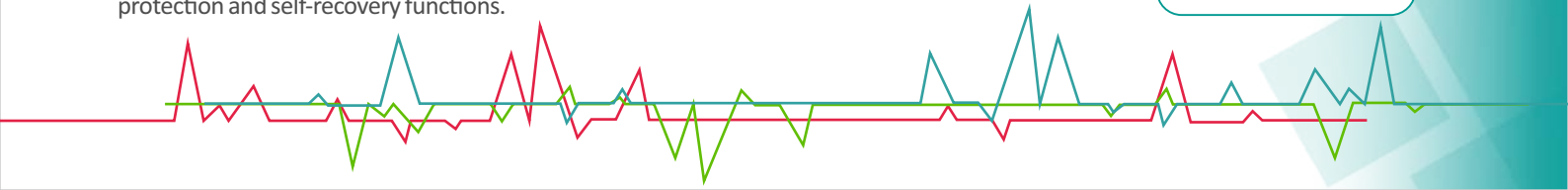


▶ MC2UHF & DC2UHF (Wireless Conference Chairman & Delegate Unit)

UHF wireless transmission technology for flexible installation and portable for rental use. UHF wide frequency bandwidth of 740MHz to 790MHz for stable signal transmission. It meets the needs for secure and interference-free communication and discussion conference system. Minimum equipments to set up a basic conference system in a short time. It is an ideal use for board room, conference room and meeting room for hotel, office and government.

CEBC10 (Charger Box) ◀

All USB ports of the charging box can be used at the same time for charging up the devices in batches. The USB cable is required to connect the charging box with the conference unit to charge devices. According to the withstand current of the device, the charging box will automatically match the appropriate current. And it has an over current protection function to ensure the safety of the charged devices. It has intelligent automatic circuit protection, all USB ports have short circuit protection and self-recovery functions.



CCTV SURVEILLANCE SYSTEM



▶ HC-IP204D1 (IP- Outdoor Dome Camera 2.4 MP Series)

The HC-IP204D1 network camera is a fully compliant implementation of H.264 (MPEG 4, Part 10) provides 1920x1080 pixel resolution at full video frame rates of 30 frames per second (fps). The HC-IP204D1 camera line provides an all-in-one solution with integrated 1080p full HD camera, IR illuminator, IR corrected lens, WDR, High Light Compensation and aluminum sleek Dome enclosure with IP-65 & IK-10 weather standard. *(Up to 5 mega pixel)*

HC-IPD5020L-EA622 (5MP IP Dome Camera, Advanced Smart IR) ◀

Codec is the optimized implementation of standard video compression (H.265 & H.264) that uses a scene-adaptive encoding strategy, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Technology reduces bit rate and storage requirements by up to 70% when compared to the standard video compression. *(Up to 60 metre Advance Smart IR Distance)*



▶ HC-IP103B (IP- Outdoor Bullet Camera 1.3 MP Series)

The HC-IP103B network camera is a fully compliant implementation of H.264 (MPEG 4, Part 10) and provides 1280x960 pixel resolution at full video frame rates of 30 frames per second (fps).

The HC-IP103B camera line provides an all-in-one solution with an Integrated 720p HD camera, IR illuminator, IR corrected lens, WDR, High Light Compensation and Aluminum sleek dome enclosure with IP66 weather standard.

HC-IPP200 (IP- PTZ Camera) ◀

The HC-IPP200 2MP Outdoor PTZ Network Dome Camera from HEINRICH features a 1/2.8" progressive scan CMOS sensor and 4.7-94mm vari-focal lens to capture video at a maximum resolution of 1920 x 1080. The lens offers 20x optical zoom for capturing detail at long distances. The camera also features a wide range of smart functions such as intrusion detection, line crossing detection, audio exception, and motion detection. Enclosed in an IP66-rated housing, the system supports both on- and in-ceiling mounting options for environments in high-risk areas. The camera also supports Smart functions and PTZ. *(Available in up to 5 Mega Pixel)*



▶ HC-IPB5020L-EA 622 (5MP IP Bullet Camera, Advanced Smart IR)

Codec is the optimized implementation of standard video compression (H.265 & H.264) that uses a scene-adaptive encoding strategy, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. True Day/Night a day/night mechanical IR cut filter makes this camera ideal for applications with fluctuating lighting conditions, delivering color images during the day and automatically switching to monochrome as the scene darkens. *(Up to 60 metre Advance Smart IR Distance)*

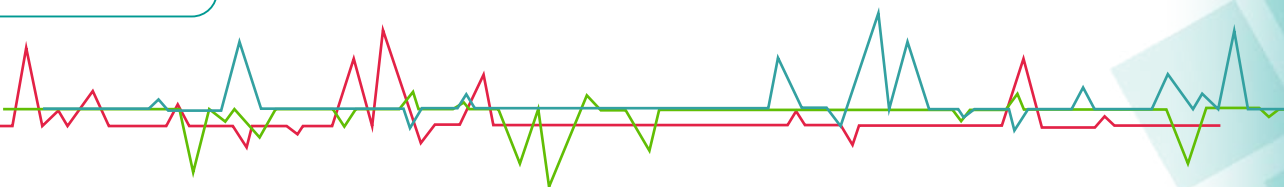
HVR-450 (Network Video Recorder) ◀

HVR-450 is one of the NVR's which have the most reasonable price and best quality for IP video surveillance applications. This Lite NVR provides up to 5MP resolution. Additionally, the NVR features a mouse shortcut operation menu, remote management, and control, center storage, edge storage, and backup storage. The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without a video management system (VMS). Its open architecture supports multi-user access and is compatible with ONVIF, enabling interoperability when combined with IP cameras.



▶ Video Management Software (VMS Software)

VMS is the easy-to-scale software designed for flexible to suit for the requirement of different monitoring station. Each workstation can accommodate up to 4 monitors for live viewing and up to 64 ch. camera in monitor. The scalability of the software allows users to manage Heinrich network products efficiently and cost effectively.



IP BASED INTERCOM SYSTEM



▶ H104-SC-L-SIP & H101-FK-L (IP/SIP Weatherproof Telephone with LED Lamp)

Heinrich telephones are fully contained within a corrosion resistant cast aluminum weatherproof case and cold rolled steel faceplate with epoxy powder coated providing complete protection against dust and moisture ingress, resulting in a highly reliable product with a long MTBF. Extremely easy to install. The cable entrance is on the back of the phone to prevent from artificial damage resistant. The H100 series Weatherproof Telephones are designed for use by the highway, railways, power stations, the armed services and heavy industry which require very reliable telephony under adverse conditions.

HEX101 (Explosionproof Telephone) ◀

HNEX-101 Explosion Proof Telephone is designed for voice communication in a hostile environment where reliability, efficiency, and safety are of prime importance. The telephone can handle the large temperature differences found outdoors, high humidity, exposure to seawater and dust, corrosive atmosphere, explosive gases & particles, as well as mechanical wear and tear, making it perfect for use as an emergency telephone. Handset manufactured from molded bulk molding compound and specifically designed to withstand arduous use in any environment. It has an armored cord to provide additional resistance to vandalism or heavy industrial use.



▶ H101-FK-B & HNEX105-FK-SIP (IP/SIP Weatherproof Standard Analogue Telephone)

The H100 series telephones are fully contained within a corrosion resistant cast aluminum weatherproof case with a door providing complete protection against dust and moisture ingress, resulting in a highly reliable product with a long MTBF. The unique robust handset is manufactured from molded Bulk Molding Compound and designed specifically to withstand arduous use in all environments, armored cord to provide additional resistance to vandalism or heavy industrial use. As a standard analogue telephone, this unit provides basic telephone functions and can be connected to any standard two wire telephone line, including analogue PABX lines and PSTN.

H500-C8 (Multi-Media Telephone) ◀

H500-C8 multimedia phone device adopts Cortex A7 1.2* quad-core design, supports high-definition voice calls, original ecological Android 7.1 system design, supports application expansion based on open Android platform, the device adopts 8-inch 1024x768 IPS high-definition resolution and supports multi-point Touch capacitive screen, support Wifi connection support (2.4G), and support Rj45 wired network to meet various network access methods; support HDMI high-definition output, can be connected to TV, projection and other equipment; the device is also equipped with Blue tooth, suitable for different office situation.



▶ IP-HS25/T (SIP Horn Speaker)

SIP Speaker IP-HS25/T is designed for outdoor environments. It allows users to remotely warn off intruders before they commit a crime, to deliver instructions during an emergency or to make general voice messages. The SIP speaker also support to play a prerecord audio file manually or automatically in response to an alarm event. Open standards support easy integration with network video, access control and VoIP (supporting SIP). IP-HS25/T is a standalone unit that can be placed almost anywhere, which supports a flexible, stable and cost effective approach to system design.

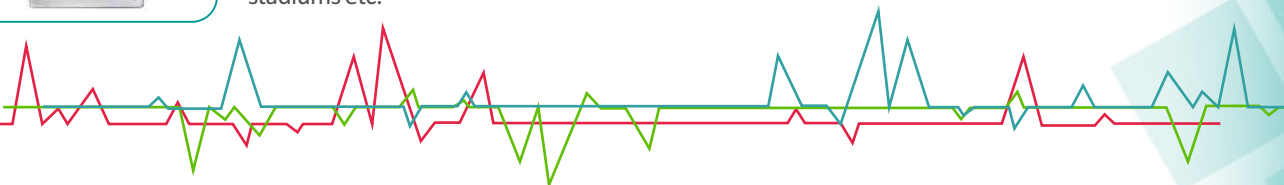
H500 (IP Broadcasting & Intercom Unified Communication Server) ◀

The IP Broadcasting & Intercom Unified Communication system is a one stop solution based on IP communication protocol and standard SIP protocol as core protocol, combing with Help Intercom, SOS call, Emergency Broadcasting, Emergency Consultation, Visualized Dispatch, Realtime Recording, Video Linkage, Alarm Linkage and Digital Map. The system can be integrated with other systems deeply to improve the industry information management, reduce the enterprise operation and maintenance management cost, and improve daily work efficiency and emergency response capability.



▶ H213-V (Video Visitation Help Point Intercom)

H213V Video Visitation Help Point Intercom is mainly composed of a built-in camera, display screen and two waterproof buttons. Users can easily take video calls for help so that both sides fully feel the feeling of the scene to improve efficiency. H213V Video Visitation Help Point Intercom is ideal for parking lots, gate, prisons, railway/metro platforms, hospitals, police stations, ATM machines, stadiums etc.



IP BASED PAVA SYSTEM



▶ NAP4S & NAP8 (IP Network Audio Adapter)

The NAP4S & NAP8 is a popular used model for IP/TCP network audio system solution. It is used to transmit program over ethernet to controllers. So the nominal connection way as below: Control port by RJ45 connector to LAN switch and analogue outputs to amplifiers. The IP network audio adapter is of 19" rack mount design, so it is usually the biggest advantages of the network audio system are: Super distance audio transmission, simultaneous maximum program task and non-dedicated network wiring installed in the control room together with high watts' power amplifier for a bigger sized application.

▶ NAP-120/240/500 (IP/TCP Network Audio System) ◀

The IP PA NAP120/240/500 amplifier range is ideal for medium-sized applications requiring multiple speakers. A program is transmitted over ethernet to its built-in amplifier, which then transmits it to 100V, 70V or low impedance loudspeakers. So, the normal connection way is as follows: Control port by RJ45 connector to LAN switch and speaker outputs to loudspeakers. The IP network audio amplifier is a 19" rack-mount device, and its output power is rated at 60W, 120W, 240W, and 500W. Having a LAN network also allows this IP network audio amplifier to be installed anywhere on the LAN system.



▶ NAP1 & NAP-DC (IP Network Audio Decoder)

The NAP1 & NAP-DC is a popular used model for IP/TCP network audio system solution. It is used to transmit program over ethernet to controllers. So the nominal connection way as below: Control port by RJ45 connector to LAN switch and analogue outputs to amplifiers. The IP network audio decoder is of 19" rack mount design, so it is usually the biggest advantages of the network audio system are: Super distance audio transmission, simultaneous maximum program task and non-dedicated network wiring installed in the control room together with high watts' power amplifier for a bigger sized application.

▶ PM8/IP-INT100/IP-INT100M (IP Network Microphone & Intercom) ◀

HEINRICH Audio PM8 IP Network Paging Microphone, paging console or IP paging station are ideal for paging speaker zones over IP networks. The paging microphone can be installed anywhere on the LAN.

The IP-INT100M & IP-INT100 has built-in network hardware audio decoding module, support TCP/IP, UDP, IGMP (multicast) protocol, to realize the network transmission of 16 bit stereo CD quality audio signal. Simple appearance, graceful lines, using anti disassembling screw design, high strength 6mm alloy oxidation protection panel, supporting cast aluminum bottom box, support embedded or surface of two schemes.



▶ IP-NAS SOFTWARE (IP Network Audio & IP PA System Software)

IP-NAS Software, Software of IP network audio system and IP PA system. Supports Windows 7 & Windows 10 and above. All display in English Built-in system set up, system monitor, media player, program timer, system memory functions. Cloud broadcast Mp3 le online, scheduled and matrix at preset time to designated loudspeaker zones. Each equipments working status could be monitored and displayed on this software. Flexible multiple level loudspeaker zone definitions, End-User can dene loudspeakers into as many as possible zones at the same time. Built-in weekly timer could broadcast pre-recorded voice message, bell, song to selected zones by trigger contact or manually operation.

▶ IPAS-15POE/IPAS-15H/IPAS-6/IPAS-10 (IP POE Powered Loudspeaker) ◀

The IP POE Powered Loudspeaker is the latest in IP technology. This Power over Ethernet (Compatible with both IEEE 802.3af & IEEE 802.3at) VoIP mass notification device has network controlled speaker volume, scheduled program broadcast, priority based multicast streaming, group definition, working status supervision, remote online technical support and trouble shoot. The speaker is capable of broadcasting audio through multicast. The POE powered ceiling speaker enable to be built up an IP based sound system through a single CAT5 or CAT6 wire. The single CAT5 cable is used for control data, signal data and power supply, by this way, the layout cost will be much decreased without any consideration of AC nor DC power supply. The POE powered loudspeaker is compatible with universal POE switch, thus the POE speaker works with existing POE LAN/WAN & internet network and fiber optical cable, no need dedicated network to be built up. So it is very useful for office, hotel, school, bank, factory & shopping mall where POE network is already there.



FIRE ALARM SYSTEM



▶ ACP203-208 (Addressable Fire Alarm Control Panel)

Heinrich ACP203-208 Fire Alarm Control Panel is intelligent panel which are carefully designed to make it suitable for most of applications. It can be configured with other panels or control Systems. Its user friendly functionality makes it suitable to program and configure the devices. 7" touch-screen display gives the information for fire alarm, trouble, supervisory and other Related information all the time.

SD-201, HD-202 & CSHD-203

(Addressable Smoke, Heat & Combined Smoke/Heat Detectors)

SD-201, HD-202 & CSHD-203 is an intelligent Smoke/Heat detectors that detects smoke & Heat and notifies an alarm system if a fire occurs. When smoke/Heat detected, Interconnected fire alarm system flash identifying the source of the alarm. The panel can continuously monitor a particular detector location (point) by giving each detector a specific ID. It reduces maintenance cost and works reliably.



▶ CM-212 (Addressable Control Module)

The CM-212 is an intelligent addressable control module that provides supervised monitoring of wiring to load devices that require an external power supply to operate, such as horns, strobes or bells. Each point (device) can be given specific ID or individual address, which allows the panel to give a voltage output Signal(24VDC) to control FPE or any other devices.

HS-206 (Addressable Horn Strobe)

The HS-206 is an intelligent horn strobe that alerts hearing impaired individuals to the alarm. The horn is programmed to emit a louder sound than the ambient noise in the building. This ensures that buildings with loud machinery can properly hear the horns. Each point (device) can be given a specific ID assigned when the panel enters a fire alarm Condition, which allows the panel to give an audible and visual signal to the specific location. HS-206 horn strobes are low-current, high-decibel notification appliances for use in fire signalling applications.



▶ MCP-235 (Addressable Manual Call Point)

Heinrich MCP-235 addressable manual call point is mainly designed to be use with an intelligent two-bus control system. If it is pressed after a fire is manually confirmed, an alarm signal may be sent to a fire alarm control system which will, after receiving the alarm signal, display the coded address and the equipment status of the manual fire call Points. The MCP-235 supports electronic coding, more suitable for engineering application convenient.

SBM-220 (Addressable Sounder Base Module)

Heinrich SBM-220 is an intelligent addressable sounder base for addressable detectors (Type A) and conventional detectors (Type B). It is recommended to use addressable sounder bases connected to compatible control panels. Each point (device) can be given specific ID, which allows the panel to continuously monitor specific addressable sounder base location (point) and give a visual and audible signals when panel enters fire alarm condition.

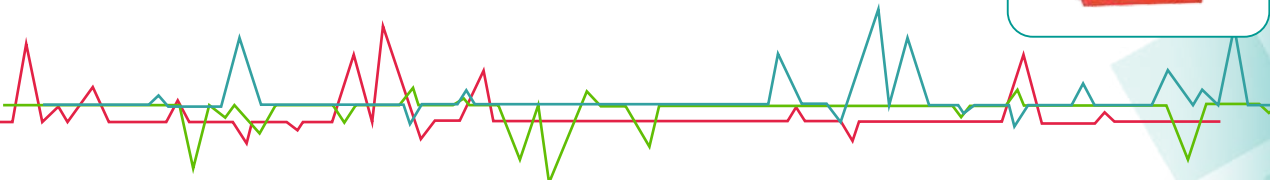
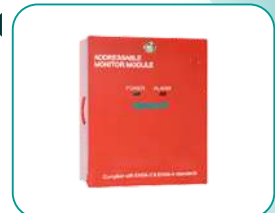


▶ AM-216 (Addressable Annunciator Module)

Heinrich AM-216 is provided using an 80 character, back-lit, alphanumeric display. Information messages including for Alarm, Fault, Supervisory and General Conditions in a clear and descriptive english language. Moreover, LEDs for Fire, Supervisory and Alarm are also provided with ACK push button. From the silence push button, panel and remote notification appliances can be silenced.

MM-210 (Addressable Monitor Module)

MM-210 is an intelligent addressable monitor module, which can be configured with Heinrich's Addressable Fire Alarm Control Panel. Each point (devices) can be given specific ID or individual address, which allows the panel to continuously monitor specific location (point). The module has a panel controlled LED indicator.



COMPLETE RANGE OF AMPLIFIERS



► DPA Series (Single, Dual & Four Channel Class-D Amplifiers)

Heinrich offers a complete Class-D amplifier solution in Single Channel, Dual Channel & Four Channel variations. There are several types of single-channel amplifiers available, such as 120W, 250W, and 500W. The dual-channel amplifiers provides individual channel output of 2x120W, 2x240W, 2x250W, and 2x500W, whereas four-channel amplifiers provide individual channel output of 4X125W, 4X240W, 4X250W, and 4X500W.

HPA Series (Class-AB Power Amplifiers) ◀

Heinrich HPA Series (Class-AB power amplifiers) are designed for general public address applications like commercial and industrial . The rack mount design comes in 2U type, with single channel rated power of 120W, 240W, 480W, and dual channel rated power of 2x240W. It offers a wide selection of sound system sizes to meet different needs. Both balanced and unbalanced line inputs make it selectable for the installer. Balanced line output feeds to another power amplifier as well as secures the signal transmission is less noise and a longer distance.



► DSP Series (Power Amplifier with Digital Signal Processor)

Heinrich's DSP Series features Switching Power Technology with DSP. It comes as a four-channel power amplifier in a 19" rack mount unit with variety of rated power 4x60W, 4x120W, and 4x240W. Moreover, it has separate indicators for Protection, Clip, Input, and Output. It also has Short circuits, Overloaded, High temperatures, Clip, and DC protection. It has a built-in crossover, EQ, Delay, Limiter, Gain, Compressor, High-pass filter and Low-pass filter.

HA Series (All-In-One Amplifiers) ◀

The Heinrich All-in-one amplifier is a multifunction amplifier with a AM/FM tuner, MP3 player, bluetooth, pre-amplifier and power amplifier all combined. Features a power-saving function after a power failure on a flash disk or portable hard disk. 3 MIC inputs with individual volume controls. It has 2 Aux line inputs & 1 line output for an additional mixer or amplifier link 1 emergency signal input. Built-in chime generator with two types of tone. Two levels of priority muting function: MIC1. Chime Bass, treble, and master volume control Output short-circuit protection and alarm functions. 3 types of speaker output: 100V, 70V, 4-16 and Ohm. The perfect solution for Shopping Malls, Clubs, Restaurants, etc. Heinrich's All-in-one amplifier series available in 40W, 60W, 100W, 150W, 200W, 280W, 380W, 480, 680W & 880W variants.



► PP Series (Amplifier With Switch Power Supply)

PP series amplifiers are come with switch-mode power supply. Its compact and precise structure makes it high-performance. Each channel has Independent adjustable peak output voltage which enables the amplifier to drive speakers with different power easily Intelligent protecting circuit provides advanced technology to protect the internal circuits and connected loads so that the amplifiers and speakers can still be operated in extreme conditions. Applied to big performance, stadium, high class commercial recreation club etc.

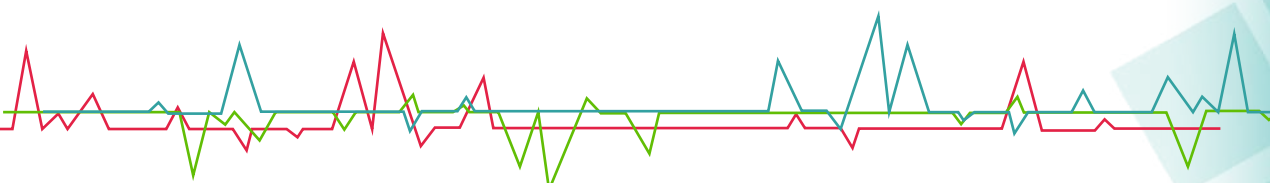
BP Series (Digital Power Amplifiers) ◀

BP series amplifiers are come with switch-mode power supply and with power rating of 2x150W, 2x250W, 2x350W. Its compact and precise structure makes it high-performance. Each channel has Independent adjustable peak output voltage which enables the amplifier to drive speakers with different power easily Intelligent protecting circuit provides advanced technology to protect the internal circuits and connected loads so that the amplifiers and speakers can still be operated in extreme conditions. Applied to big performance, stadium, high class commercial recreation club etc.



► HDA Series (4/6/8 Channel Class-H Amplifier)

Heinrich's HDA series is a Class-H Amplifier designed for 1U Rack mount with small dimensions applicable for mobile performance and fixed Installation. Modular design separates each channel fully and without interference from other channels. It deploys the latest Class-H Power Amplifier design technology, Guarantees the completeness of sound quality and delivers big output power. It gives High efficiency, Power Efficiency more than 95%, swift response, and less interference for the audio signal. Overload protection, Shortcircuit protection, DC protection, Temperature control protection.



LOUDSPEAKERS AT GLANCE

CMS5-FDS
(Fireproof Ceiling Speaker)

CMS5/T
(Ceiling Loudspeaker)

CMS3/T
(3" Mini Ceiling Loudspeaker)

CMS12-BD
(Bidirectional Loudspeaker)

DAL Series
(Digital Active Line Array)

H15
(15" Professional Loudspeaker)

WS-45
(6" 45W Wall Mount Speaker)

H18-S
(18" Professional Subwoofer)

H8
(8" Professional Loudspeaker)

IP-HS25/T
(IP/SIP Horn Speaker)

MHS50/T
(Weatherproof Music Horn Speaker)

HSK30-TW
(All Weather Environmental Loudspeaker)

OCM304
(Hi-Fi Music Column Loudspeaker)

HDS20-T
(4" 20W Coaxial Ceiling Loudspeaker)

IPS60
(Pendant Loudspeaker)

OGSTS15
(Landscape Garden Speaker)

LINE ARRAY 150
(Active Line Array Loudspeaker)

OCM425
(Line Array Music Column Speaker)

OSH-150
(Fashion Weatherproof Stadium Horn Speaker)

SMM6-T
(5" Cone Sound Projectors Speakers)

OHS15-T
(Weatherproof Horn Speaker)

PS 10-20TM
(Extruded Aluminum Sound Projectors Speakers)

WS80/T
(80W Wall Mount Loudspeaker)

PS10-20TP
(5" Cone Sound Projectors Speakers)

WS-45
(6" 45W Wall Mount Speaker)

SML6-T
(Wall Mounted Speaker)

HSK30-B
(Indoor/Outdoor Loudspeaker)

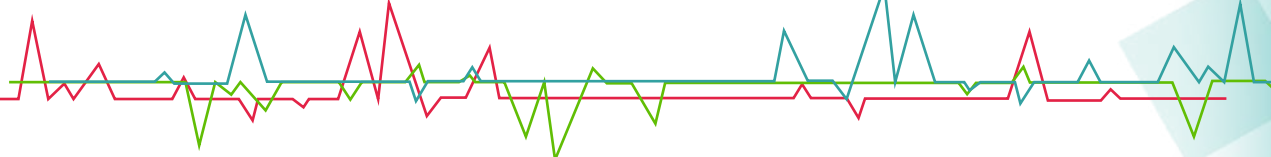
CMS-FP60
(Explosion proof Horn speaker)

IPSW15
(Pendant Loudspeaker)

OCM Series
(Column Loudspeaker)

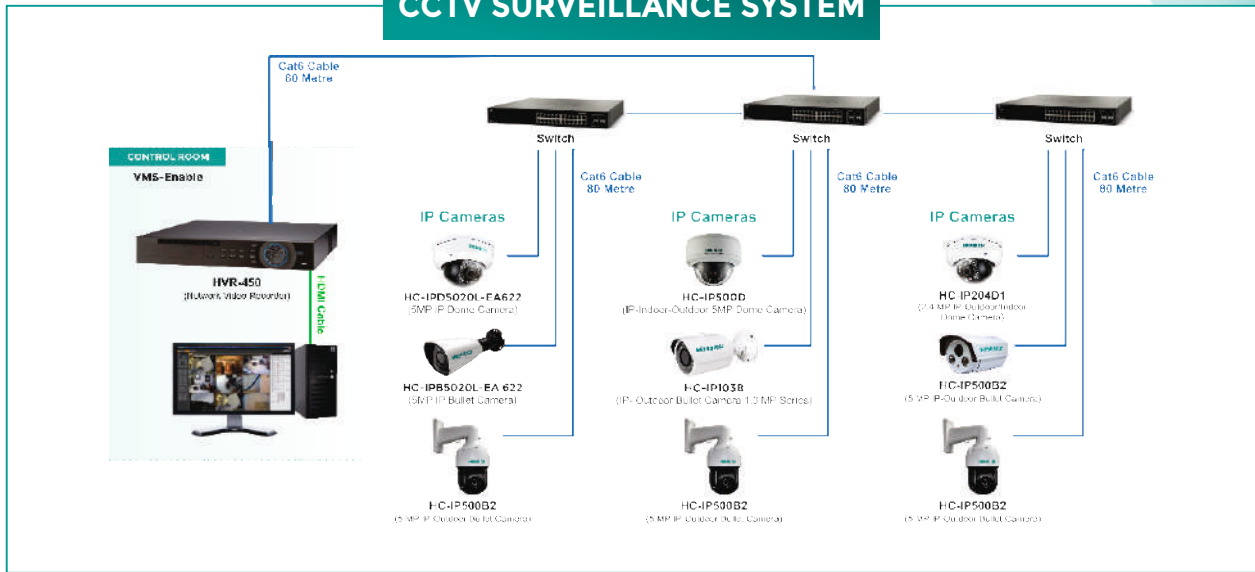
IPAS-15H
(IP POE Powered Horn Speaker)

CMS-FP30
(Explosion/Fire Proof Horn Speaker)

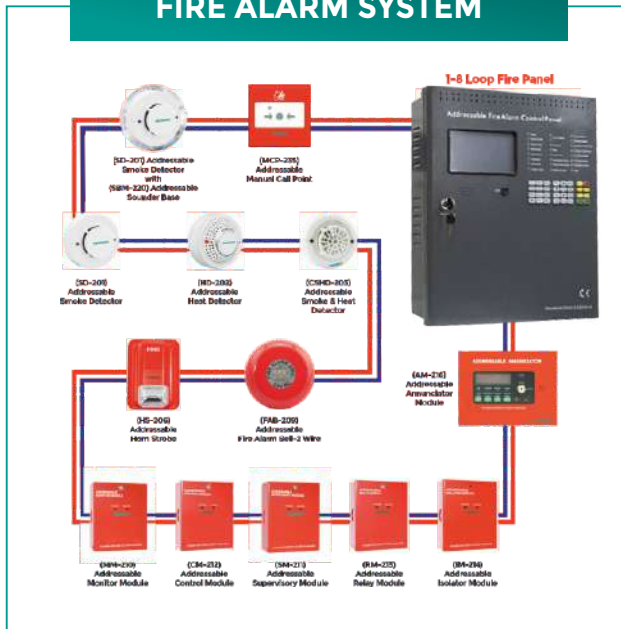


WE DESIGN, WE EXECUTE, WE DELIVER

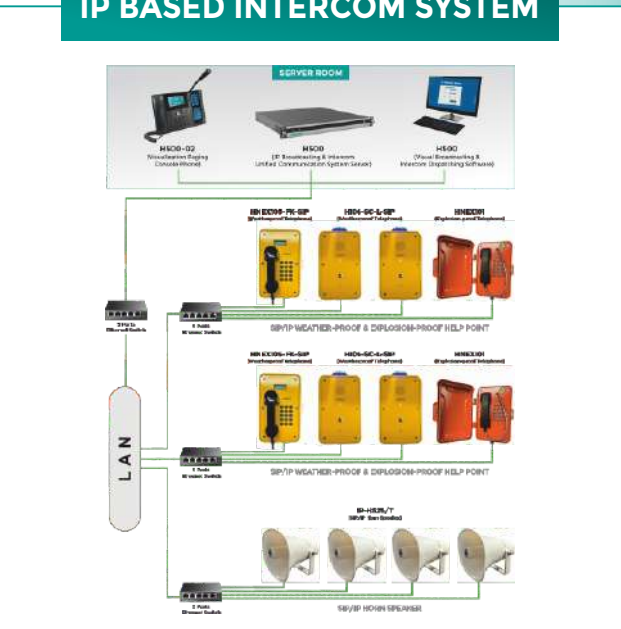
CCTV SURVEILLANCE SYSTEM



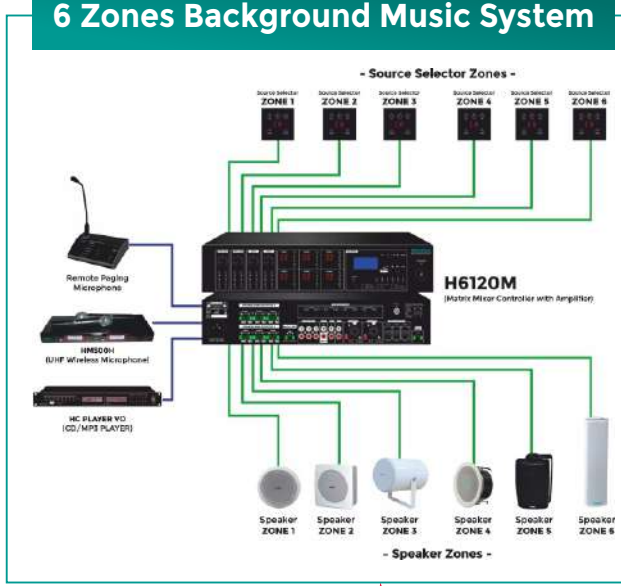
FIRE ALARM SYSTEM



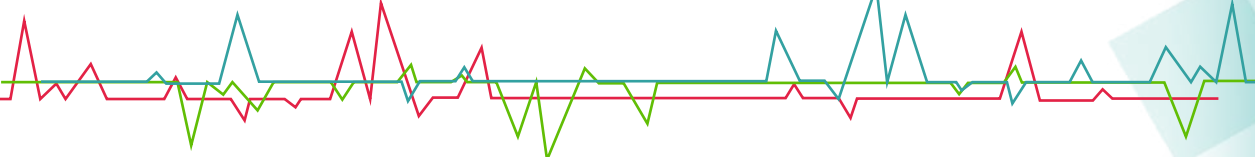
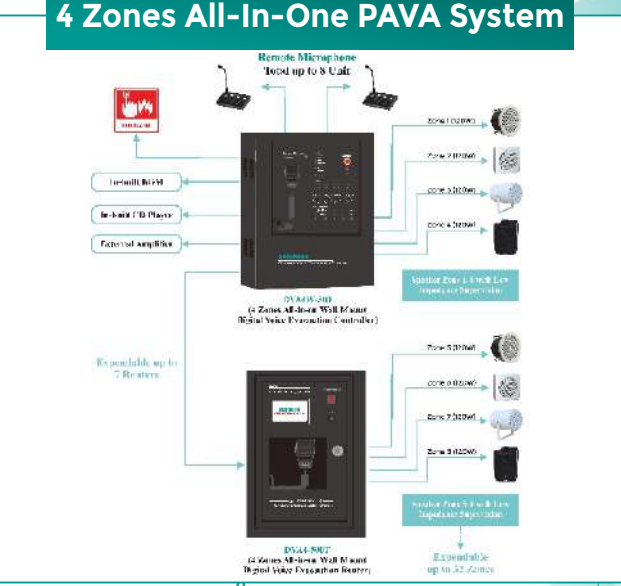
IP BASED INTERCOM SYSTEM



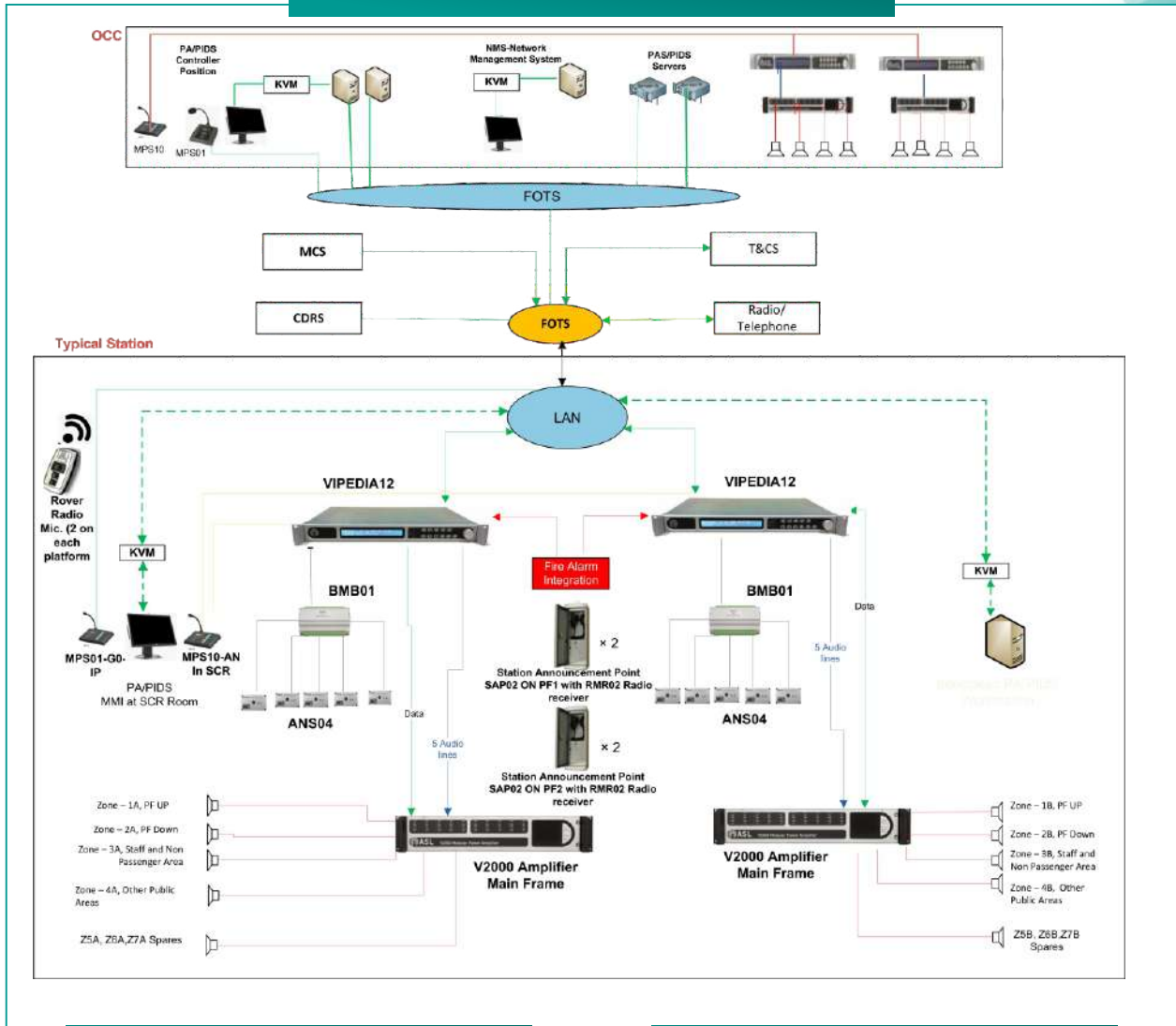
6 Zones Background Music System



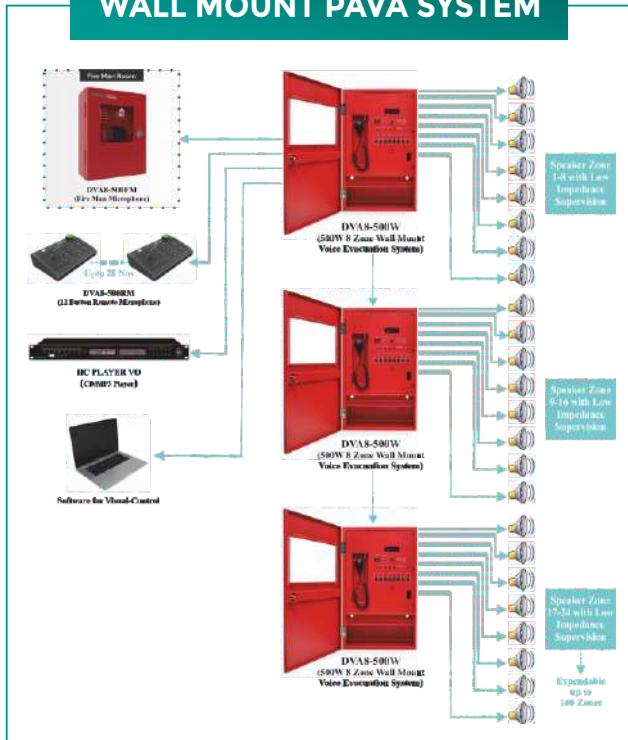
4 Zones All-In-One PAVA System



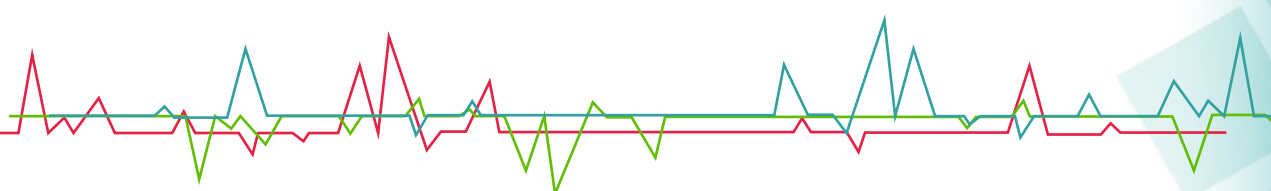
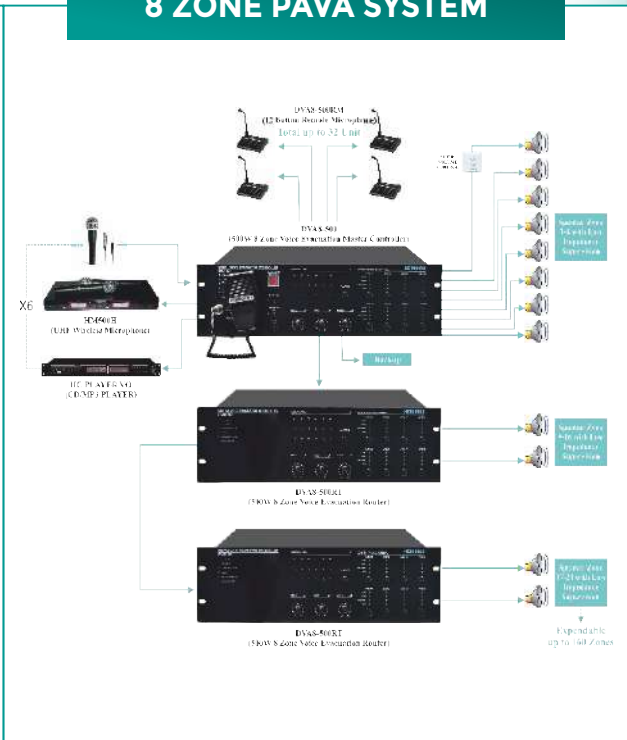
METRO/RAILWAY SOLUTION



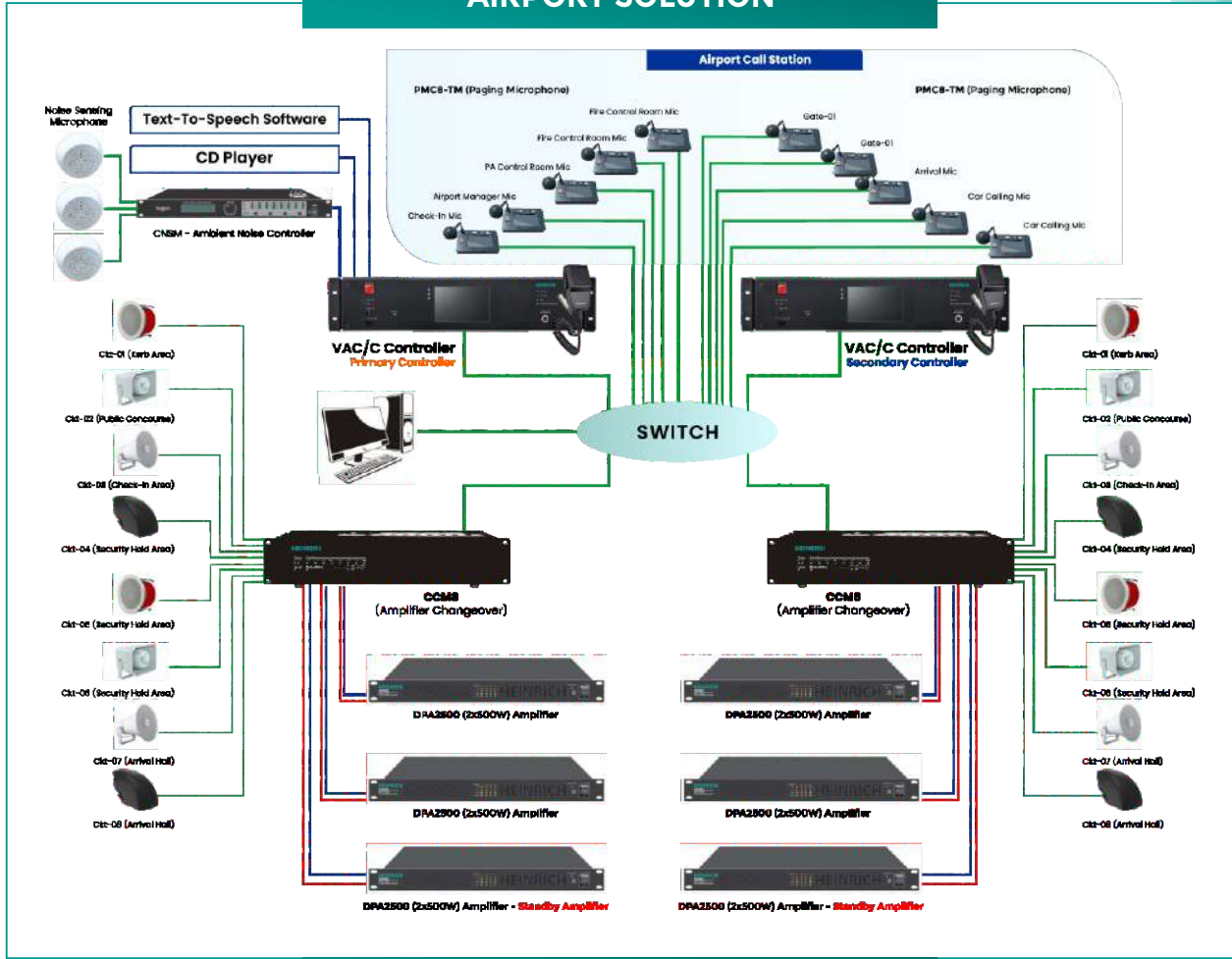
WALL MOUNT PAVA SYSTEM



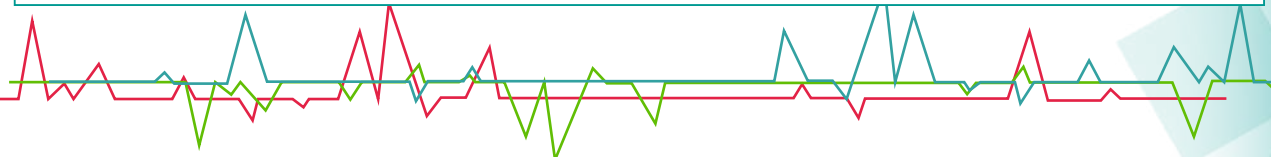
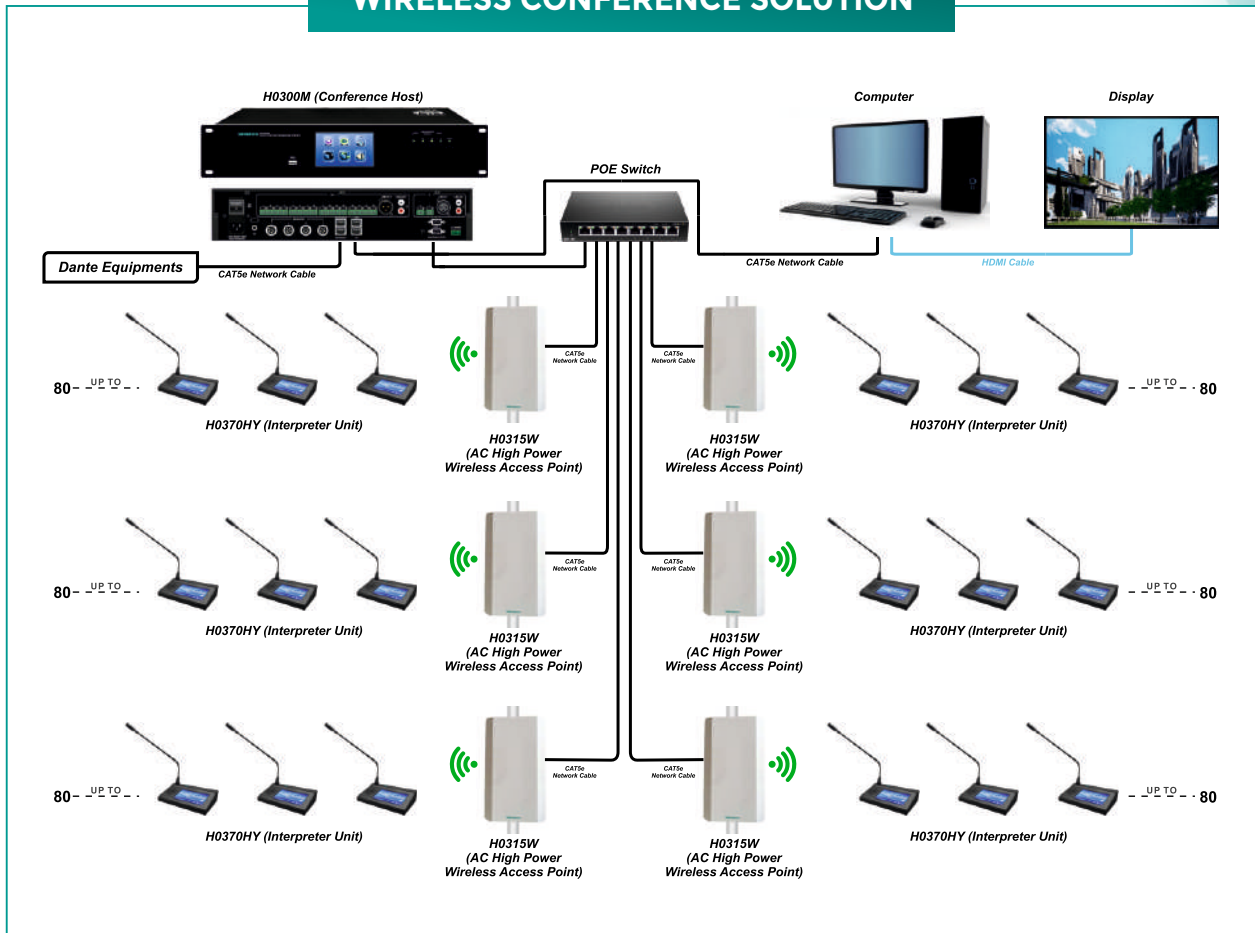
8 ZONE PAVA SYSTEM



AIRPORT SOLUTION



WIRELESS CONFERENCE SOLUTION





Download Play Store
Application

Global Offices



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UAE - UNITED ARAB EMIRATES

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