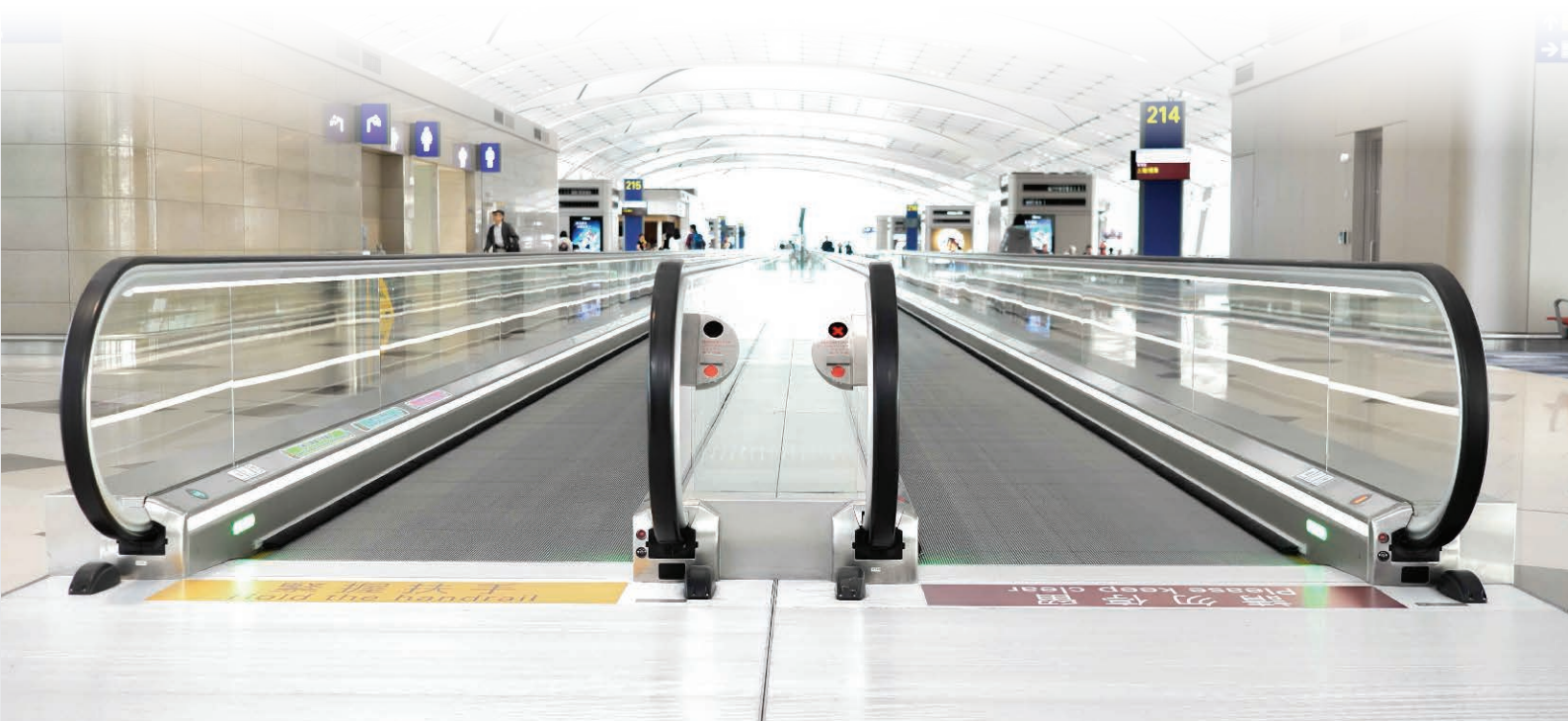# ATEÏS®

IDA8

HIGHLY INTEGRATED NETWORK PA/VA SYSTEM

EN54 Certified

ATEÏS proudly introduces IDA8, a highly integrated PA/VA system which complies with EN54-16 and UL60065 requirements. The system features emergency messaging, paging, audio streaming, priority control, VoIP, 3rd party control, message playing & recording, etc..

The IDA8 system is a fully digital and networked PA/VA system with adjustable DSP parameters within the digital domain. Thanks to its modular audio Input and audio Output card, IDA8 is suitable for use in any installation size, whether it is a small 256 zones local system or a big complex multi-zone and multi-input system of 8,192 zones. All these functions are presented within the main matrix to ensure the high quality of audio production required at different ambient environment and large sites.

IDA8C controller supports up to 48 simultaneous audio channels per local network, and is equipped with four remote ports for paging consoles, nine monitored contact inputs, eight contact outputs, a fault & a EVAC relay output, and is capable of connecting up to eight monitored amplifiers and two backup amplifiers. Each zone has A/B monitored line output. In addition, the IDA8C is capable og monitoring and logging the status of all the system device components.

The ATEÏS local & global networks support redundant loop cabling. Software control, configuration and audio distribution over IP are enable by Ethernet communication.

SYSTEM COMPONENTS

IDA8C
Networkable Controller
Matrix Mode

IDA8SL
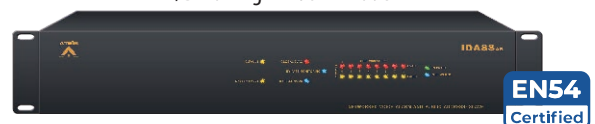Networkable Low Impedance Secondary Unit
Matrix Mode

IDA8S
Networkable Secondary Unit
Matrix Mode

IDA8SAB
Networkable Secondary Unit
A/B-zoning - Matrix Mode

PAGING CONSOLES & ACCESSORIES

PSS-AS
Colour Touch Screen Paging Console
EN54 Certified

PPM-AS
Desktop Paging Console

CD-TOUCHAS
Wall-Mount Touch Screen Paging Console

CD-8AS/CD-16AS
Wall-Mount 8/16 Buttons Paging Console
EN54 Certified

URGP-32I20/URGP-16I160
Alarm Input Interface
EN54 Certified

DNM-485 Noise Sensing Microphone (RS485)
DNM-ENET Noise Sensing Microphone (Ethernet)

URC-150AS Programmable Remote Controller
URC-200AS Programmable Remote Controller (Ethernet)

AMPLIFIERS & BATTERY CHARGERS

SPA
Security Power Amplifier, 24VDC Backup
EN54 Certified

- SPA2060: 60 W x 2 CH
- SPA2120: 120 W x 2 CH
- SPA2240: 240 W x 2 CH

SONAES
Charger and Monitored Unit
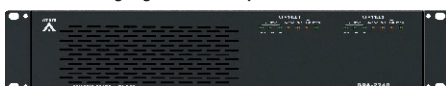*EN54 Certified*

- SON 24V 6A MS40 RACK
- SON 24V 12A MS150 RACK

BPA
Bridging Power Amplifier Class AB

- BPA-1240: 240 W x 1 CH
- BPA-1480: 480 W x 1 CH
- BPA-2060: 60 W x 2 CH
- BPA-2120: 120 W x 2 CH
- BPA-2240: 240 W x 2 CH
- BPA-2480: 480 W x 2 CH
- BPA-1000: 1000 W x 1 CH

DPA
Digital Power Amplifier
EN54 Certified

- DPA8060: 60 W x 8 CH
- DPA4125: 125 W x 4 CH
- DPA4250: 250 W x 4 CH
- DPA2500: 500 W x 2 CH

BCU
Advanced Monitored Battery Charger
EN54 Certified

- BCU-4830A: 3 amp/30 amp
- BCU-4875A: 6 amp/75 amp

NETWORK CARDS

NET-C1
RJ45 (A) - (B)

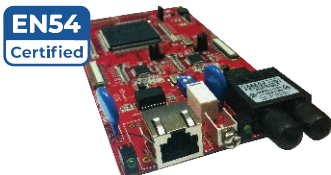EN54 Certified

NET-C3
Fiber Optic Multi Mode (A) - (B)

EN54 Certified

NET-C2
Fiber Optic Multi Mode (A) - RJ45 (B)

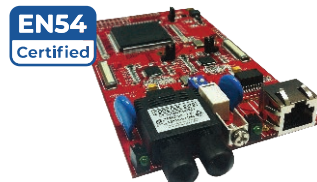EN54 Certified

NET-C4
RJ45 (A) - Fiber Optic Multi Mode (B)

EN54 Certified

NET-C2S
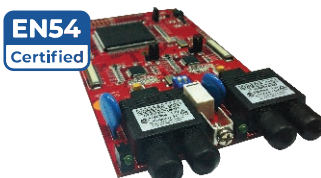Fiber Optic Single Mode (A) - RJ45 (B)

EN54 Certified

NET-C3S
Fiber Optic Single Mode (A) - (B)

EN54 Certified

NET-C4S
RJ45(A) - Fiber Optic Single Mode (B)

EN54 Certified

OPTIONAL CARDS

ANALOG AUDIO I/O CARDS

EN54 Certified

Analog audio cards are available for local inputs or outputs in blocks of 4 or in a 2 in/2 out configuration. Highly adjustable forsensitivity and output power. An outstanding design with the maximized flexibility by providing with true 48V phantom power for each card.

DIGITAL AUDIO I/O CARDS

EN54 Certified

The digital audio I/O cards allow you to go all the way to digitize, presenting with the maximum sound quality and transmission distance on IDA8 platform. Digital cards enhance a higher capacity of input & output configuration with up to 8 channels in and 8 channels out on a single card.

TELEPHONE CARD

How can a multi-project integrate in both PA/VA system and conference rooms? By adding the telephone card to achieve the teleconferencing capabilities on IDA8 system.

ATEÏS STUDIO

INTEGRATED OPERATION SOFTWARE

ATEÏS Studio software is a graphic user interface designed for intuitive system setup and programming. The PC-based software allows hardware updating, full system configuration including flexible device topology, DSP adjustments, events, schedulers, presets control and real-time monitoring.

GRAPHICAL USER INTERFACE

ATEÏS Studio allows complete PA/VA or audio systems incorporating a range of devices to be configured, monitored and controlled centrally from a single user interface. ATEÏS Studio supports all IDA8 product family. The software enables a comprehensive overview of the system and its virtual connections and also offers control and device configuration for IDA8 controllers and slave units, paging consoles and remotes such as PSS-AS, CD-16AS and URC-150AS devices.

DIAGNOSING

ATEÏS Studio monitors, controls, logs and reports a range of events. The whole system configuration preset can be stored and reloaded at the press of a button. Users can tailor design the elements of the graphic user interface or control panels, as well as program the schedulers and events and create different user levels for security and management.

BUILDING

ATEÏS Studio provides a complete set of tools and building blocks for real-time control and monitoring. Detailed information such as signal levels, loudspeaker impedance, pre-recorded messages, amplifier conditions and other parameters can be monitored in real-time.
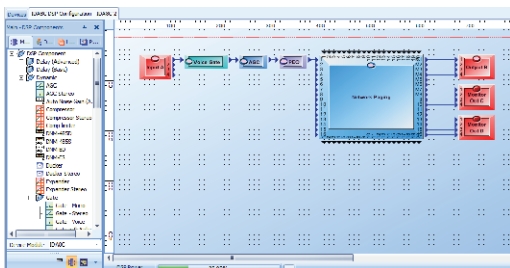
A comprehensive library of tools, control and monitoring elements is provided along with the GUI, including items such as volume control faders, metering, high-level EQ, compression, limiting, auto-gain, noise sensing, mixing, shortcut buttons and display elements. Element behavior can be fully tailored to suit each application. Built-in file transfer software transfers both data and audio files from the PC to the network controller.

ACCESS LEVELS

Additional security can be added to the software with password-protected layers according to EN54-16. Multiple users can be created and assigned, each with a unique password and access to specific layers of the GUI.

DRAG & DROP

To design the system configuration including hardware connection, signal paths for each device, DSP components etc., simply Drag & Drop and items/components into the design window, providing easy-to-use and real-time modification.

DIAGNOSTIC AND LOGGING SOFTWARE

- Call, fault and general event logging
- On-line logging function
- Historical logging
- Event display priority can be changed
- Password-protected

FILE TRANSFER SOFTWARE

- PC-based application
- Supplied together with the network controller
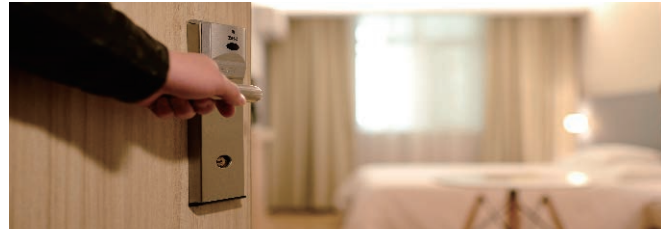- Creation of message sets
- Off-line configuration

FEATURES

- Runs on Windows
- Assignable access levels with rights management
- All system and unit parameters can be configured
- Easy navigation
- Drag & drop features
- Real-time monitored

SCHOOLS

STORES

SHOPPING MALLS

HOTELS

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