



IDA8SL

IDA8SL CHARACTERISTICS

- Case: 19" 2U
- 8 balanced 0dB audio inputs
- 8 balanced 0dB audio outputs
- 2 monitored microphone access points
- 9 monitored control inputs
- 8 Contact outputs
- Two dedicated and monitored PDC ports for microphones
- 2 dedicated audio in and outputs for backup amplifiers
- Enhanced loudspeaker line surveillance for low-impedance installations
- Optional ATEIS-Net Secured Audio Network cards available (NET-C1 included as standard)

Control & Indication

- Front: status, zone and power LEDs
- Rear: Voltage selector

Certification & Approvals (Europe)

- CE: CE-0359 (Intertek)
- Immunity: According to EN50103-4

NETWORKABLE PAVA SYSTEM - SLAVE (LOW IMPEDANCE)



IDA8 is a third-generation modular system that complies with current architectural demands requiring IP and/or fibreoptic networking to allow for even the most complex of system designs. IDA8 responds to Public Address and Voice Alarm requirements as stated in EN54-16, ISO 7240-16 and BS5839/8, with specific attributes for compliance in large installations.

Connectivity:

The IDA8SL Low-Impedance Slave unit houses advanced audio digital signal processing (DSP), matrix control functions and a digital message player, along with amplifier monitoring with hot-swap amplifiers and low-impedance line monitoring. It can support up to two PSS-AS monitored microphone consoles, up to four monitored amplifiers plus two backup amplifiers and paging into 4 different zones per unit with line detection. Each input and output channel is fitted with a wide range of pre-and post-processing devices such as volume controllers, routing mixers and switches, priority and paging components, equalisers, compressors, limiters and delay-lines.

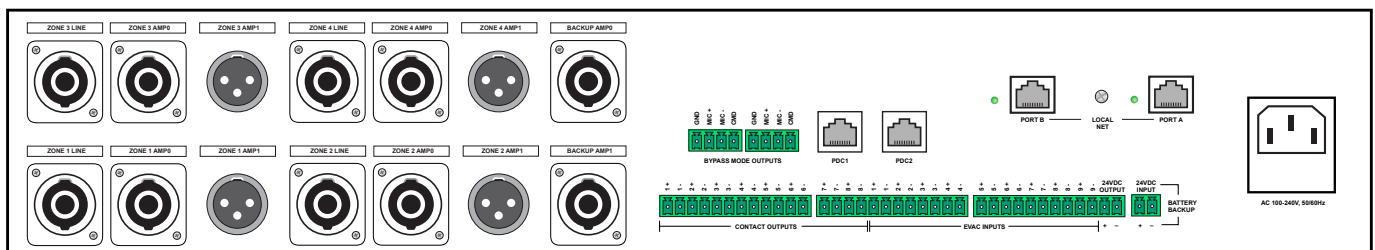
IDA8SL Slave units can extend the IDA8 system configuration with an additional 4 output zones and 2 backup amplifiers. Up to 4 hours of digital messaging can be stored in the unit for live or scheduled playback. Files are uploaded in WAV format from a computer using the ATEIS Studio system GUI. Several messages can be played simultaneously into different zones: up to 4 from a single IDA8SL or a total of 48 messages across a full IDA8 system with slaves.

IDA8SL is easily configured with PC-based ATEIS Studio global software. Once programmed, the system will run independently without a PC connected. The IDA8SL-Slave operates either on AC mains power or on a 24V DC battery power supply for emergency back-up, with automatic switchover. Both of the power supplies are monitored

Monitoring

In accordance with EN54-16, ISO 7240-16 and BS5839:pt8, all system components and peripherals are monitored. This monitoring extends from the capsule of a paging station microphone to the end of a loudspeaker line. The external cables connected to the control inputs are monitored for short and open circuit and an internally generated pilot tone is available for monitoring impedance on the loudspeaker lines. The IDA8SL Slave supports redundant network cabling as a redundant loop. The system can handle 256 priorities, for calls to hundreds of zones, satisfying even the most complex public address and emergency requirements.

REAR PANEL:





IDA8SL

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PARTS INCLUDED

1	IDA8SL Slave Unit
1	Power Cord
1	Rackmount Brackets
1	Set of Connectors
1	ATEIS Studio Software

TECHNICAL SPECIFICATIONS

Electrical

Mains Power Supply

Voltage	115 or 230V AC +/- 15%, 50/60Hz
Power Consumption	48W

Battery Power Supply

Voltage	18-26V DC
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Performance

Frequency Response	-3dB @ 20Hz & 20kHz
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Loudspeaker Lines In :

Rated Load Resistance	8 Ohm (100W) RMS
Rated Load Capacitance	250nF (100V)
Rated Output Power (per channel)	100W (cont. at 40C) 1500W (peak)

Loudspeaker Lines Out :

Rated Load Resistance	8 Ohm (100W) RMS
Rated Output Power (per channel)	100W (cont. at 40C) 1500W (peak)

Mechanical

Dimensions (HWD) (with brackets)	88 x 483 x 300mm
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Weight:	4.2kg
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Mounting	2U, 19" rackmount
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Colour	Grey, RAL 7016
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Environmental

Operating Temperature	-5C to +55C
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Storage Temperature	-40C to +70C
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Relative Humidity	15% to 90%
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Air Pressure	600 to 1100h Pa
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