Public Address - Voice Alarm

Audio Distribution over IP

Commercial Audio

Intelligent Acoustic Solutions

Intercommunication

Loudspeakers

ATEÏS

IDA4

Compact PAVA system - COMPACT UNIT

IDA4 Features

- 5 audio inputs (1 emergency broadcast microphone + 4 x 0 dB balanced inputs).
- Monitoring of four 100 V Loudspeaker zones.
- Max 500 W per zone /amplifier.
- Monitoring of 4 zone amplifiers + 1 backup amplifier.
- Full monitoring of the PSS microphone console (capsule, screen, touchpad, connections).
- Digital message player (4 messages, total length up to 2 mins. 11 secs.).
- Digital signal processing (DSP).
- Parametric equalization: 3 bands on inputs, 7 bands on outputs.
- Individual control for each input and output level.
- Separate levels for the security sources.
- Free zone labeling.
- 9 programmable priority levels (contact or VOX audio routing).
- Programmable delay of 0 to 683 msecs.
- Measurements (levels and impedance) of amplifiers and LS lines.
- Incident data record with up to 2048 incidents.
- Internal clock.

IDA4 / Compact unit for Public Address and Evacuation system (EN 60849)

IDA4 Compact unit responds to Public Address requirements and EN60849 compliance for small and medium-scale installations.

It works autonomously and its single unit comprises: Audio digital signal processing (DSP), a digital message player, amplifiers monitoring with switchover to backup amplifier, and loudspeaker lines monitoring.

It can support 1 PSS849 security microphone console with touchpad and can process and route another four 0 dB audio inputs into 4 different zones. Each channel is fitted with volume control, equalizers, and a programmable delay. Each 0 db input features contact and VOX activation which is ideal when using the cordless microphone, for example. Four digital messages can be recorded through audio inputs or downloaded as WAV files directly from a computer into IDA. A security message is pre programmed in 4 languages.
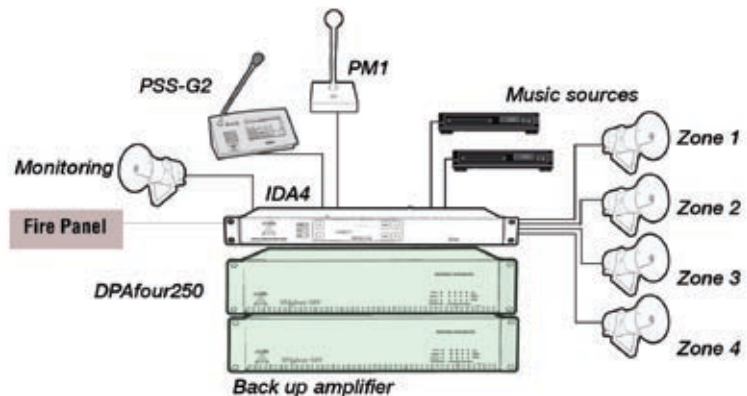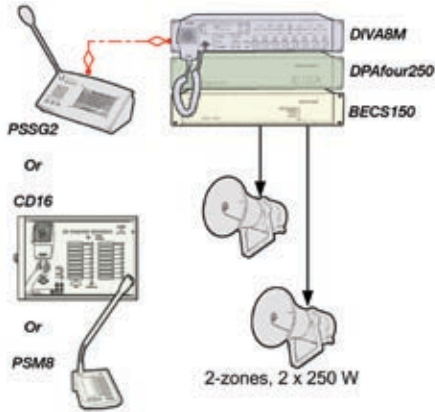
IDA4 Compact unit is fitted with 4 alarm inputs and 4 input contacts making it possible to obtain pre programmed routings. The 4 output contacts can be used to disable the 100 V line attenuators.

As a Voice Alarm security system, all IDA4 Compact unit functions and peripherals are monitored. All incidents are recorded into a data file which can be consulted on the display screen.

Also any detected faults are signaled by a general fault output contact. A local loudspeaker output enables selective listening to the messages and the system's 100 V output signals. Control keys and the front LCD screen can be used to configure IDA4 Compact unit. Access can be password protected.
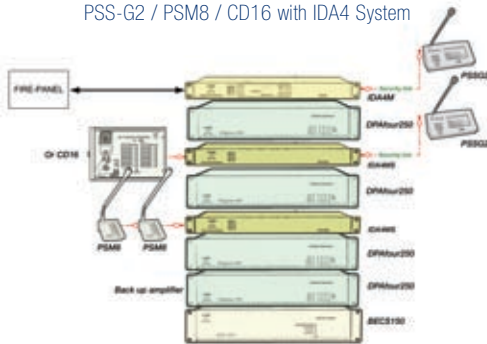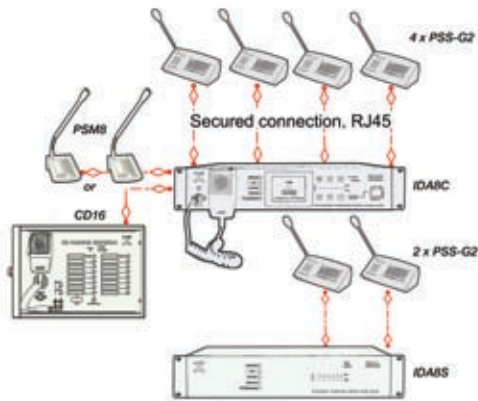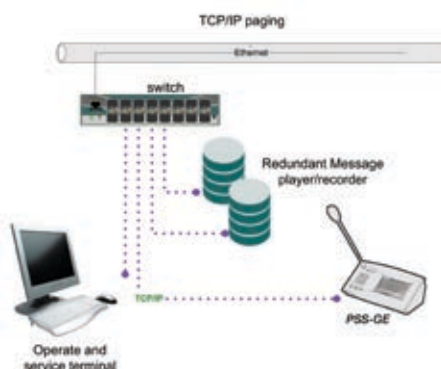
PSS-G2 / CD16 / PSM8 with DIVA8 System

PSS-G2 / PSM8 / CD16 with IDA4 System

PSS-G2 / PSM8 / CD16 with IDA8 System

PSSG2E with DIVA8 and IDA8 System

COMPATIBILITY	DIVA8 System		IDA4 System		IDA8 System	
CD16	V	1 pcs Secured on Master unit. 2nd and more on Master unit are not secured	V	1 pcs Secured on Master or Slave unit. 2nd and more on Master or Slave unit are not secured	V	1 pcs Secured on Controller or Slave unit. 2nd and more on Controller or Slave unit are not secured
		Max. 10 in Master-slave string		Max. 32 in a system and 10 in Master-slave string		Max. 32 in a system and 10 in Master-slave string
PSS849	X		V	1 pcs per IDA4xx	X	
				Max. 1 in a system		
PABFMP	X		V	1 pcs per IDA4xx Master or Slave unit, using one audio input	X	
PSS96DT	X		V	1 pcs per IDA4xx Master and/or Slave unit	X	
				Max. 32 in a system		
PSSG2-16	V	1 pcs on Master unit (g2)				
		Max. 1 unit in a system				
PSSG2	V	1 pcs on Master unit (g2)	V	1 pcs per IDA4xx Master and/or Slave unit	V	4 pcs per IDA8C unit & 2 pcs per IDA8S unit
		Max. 1 unit in a system		Max. 32 in a system		Max. 64 in a system
PSSG2E	V	Max. 8 pcs over TCP/IP (g2)	X		V	Max. 8 pcs over TCP/IP
PSM8	V	1 pcs Secured on Master unit. 2nd and more on Master unit are not secured. Using 1x audio input	X	1 pcs Secured on Master and/or Slave unit. 2nd and more on Master and/or Slave unit are not secured. Using 1x audio input	V	1 pcs Secured on Controller and/or Slave unit. 2nd and more on Controller and/or Slave unit are not secured. Using 1x audio input
		Max. 10 in Master-slave string		Max. 32 in a system and 10 in Master-slave string		Max. 32 in a system and 10 in Master-slave string
SHM-1	V	1 pcs supplied with the DIVA8 System	V	In combination with IDA-SEC, using one audio input	V	In combination with IDA-SEC, using one audio input
SPM-1	X		V	In combination with IDA-SEC, using one audio input	V	In combination with IDA-SEC, using one audio input
NSM	X		V	1 pcs on Master and/or Slave unit.	V	8 pcs on Controller and/or Slave unit.
EVACg2-x	V	1 pcs on Master unit (g2)	V	1 pcs per IDA4xx Master and/or Slave unit	V	4 pcs per IDA8C unit & 2 pcs per IDA8S unit
DIGIM1	V	Using one audio input with DIGI-INT (Optional EVAQg2 required)	V	Using one audio input with DIGI-INT	V	Using one audio input with DIGI-INT
DIGIM4	V	Using one audio input with DIGI-INT (Optional EVAQg2 required)	V	Using one audio input with DIGI-INT	V	Using one audio input with DIGI-INT
DIGIM8	V	Using one audio input with DIGI-INT (Optional EVAQg2 required)	V	Using one audio input with DIGI-INT	V	Using one audio input with DIGI-INT
PM1	V	Using one audio input + one contact (Optional EVAQg2 required)	V	Using one audio input + one contact	V	Using one audio input + one contact (Optional EVAQg2 required)
PPMIT5	X		X		V	Ethernet multi-target unit. One audio input
URC	X		X		V	Using RS485
URC-200	X		X		V	Using Ethernet