



► Model PAGASYS Gen2

# Digital Public Address and General Alarm Systems with Networked Options

PAGASYS® Gen2 is a robust public address and general alarm platform for use in a variety of environments. The NEW Pagasys Gen2 will take technology to the next level by offering a user-friendly, comprehensive, real-time system manager interface and a front-access design.

## Upgraded NEW Features

In addition to providing the same legacy features the Federal Signal PAGASYS is known for, the PAGASYS Gen2 system includes multi-voice audio routing (6 voices), alarm audio “ducking” for clear voice communication, and integrated digital signal processing. Standard configurations and front access to the system hardware lead to reduced complexity and ease of maintenance.

Pagasys Gen2 allows a user to manage system operation from the centralized system manager with extensive software field diagnostics for system hardware, ISMT speakers, and beacon monitoring; as well as other aspects of the system.

## New Technology Offers Cost Savings

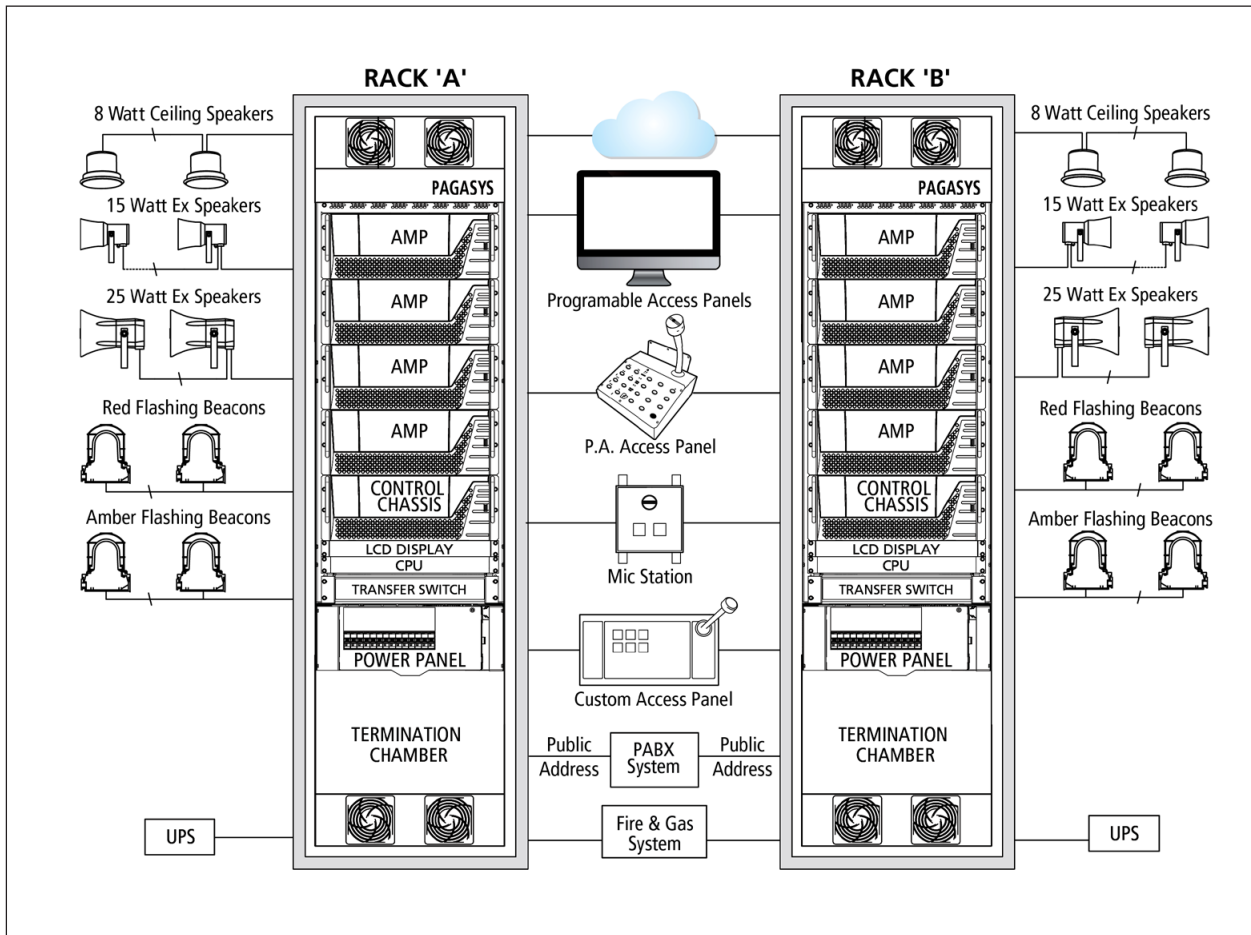
PAGASYS Gen2 has been redesigned to utilize innovative technology, while reducing cost of the system at purchase and maintenance. A high-performance processor and memory solution, along with integrated digital signal processing (DSP), supports up to 32 amplifier chassis (32000 Watts of audio power) per processor and monitors and drives an extensive network of speakers, beacons, and other safety equipment and peripherals.

## Launch Date

PAGASYS Gen2 will be available to ship in the 2nd Quarter of 2018.

## FEATURES

- System manager provides real-time system status, including event logs, system activity, broadcast status, impedance speaker monitoring, fan flow and amplifier thermal status
- Supports multi-voice audio, driving up to 6 voices concurrently to up to 128 zones
- DSP-based Audio
- Up to 32 access panels per system
- Supports Intelligent Speaker Monitoring and Tapping (ISMT)
- Fully configurable broadcast priority
- Front rack access for ease of maintenance
- Native PABX interface
- Up to 32 speakers per loop (with ISMT)
- Alarm audio “ducking” for clear voice communication
- A single controller can support up to 32 1000W amplifier chassis
- Up to 128 zones
- Up to 32 external audio inputs
- Up to 128 recorded messages
- Up to 128 peripheral devices
- Supports up to 32 external access panels
- Native support redundancy A-B
- DNV Type Approved and CE Certified as a Public Address and General Alarm System, using the standards DNVGL-CG-0339, the relevant parts of IEC60945 Ed. 4 for protected equipment, and EN 61000-3-2:2006, EN 61000-3-3:1995, EN 55103-2:2009 (PENDING)



SPECIFICATIONS

Operating Temperature:	-10°C to +55°C
Storage Temperature:	-55°C to +75°C
AC Input Voltage:	85 - 264VAC 50/60Hz
Cabinet size (DxWxH):	800mm x 600mm x 2000mm (31.50" x 23.62" x 78.74")
Cabinet Model	Rittal TS8, Color RAL 7035
Cabinet Plinth Size	800mm x 600mm x 100mm (31.50" x 23.62" x 3.94")
Wire Termination Access:	Front Access
Audio Voices (Simultaneous):	6
Line Level Supported:	70V/100V
Access Panel Wiring:	Standard 4-pair cables, including off the shelf CAT5/6/7

Amplifier Specifications

Amplifier Chassis Size:	19" 4U Chassis
Single Amplifier Power:	250W
Channels per Chassis:	4
Amplifier Chassis per Cabinet:	5 max, 4 with controller
Amplifier Continuous Duty Rating:	Rated for >1 hour 250W continuous duty at 55°C
Total Harmonic Distortion:	<0.2% at 1KHz using full rated output power (250W)
Max Watts per Amplifier Chassis:	250W - 1000W (1-4 250W amplifiers)

ISMT Specifications

Max Speakers per Loop:	32
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