



► Model GENII-RC

PAGASYS® Gen II Remote Controller

Federal Signal has designed a new remote controller, model GENII-RC as an addition to the PAGASYS Gen II product family. This new 2U form factor rack mountable controller provides the user the capability of supporting PA/GA services remotely using an Ethernet interface without the need for a full PAGASYS Gen II cabinet.

The remote controller, GENII-RC, provides many of the services provided by the PAGASYS Gen II system controller chassis, although in a reduced configuration. The RC controller provides up to eight analog and sixteen Dante® digital audio input channels. It provides audio, control, and monitoring for directly connected PAGASYS Gen II amplifier shelves and/or the new IP-connected GENII-RA700 amplifiers. The remote controller has a PAGASYS Gen II I/O port that allows the user to utilize PAGASYS Gen II I/O cards.

Any four of the available digital and analogue audio inputs can be simultaneously processed and routed via the controller's Dante® audio over IP interface to remote Dante® enabled equipment such as: Federal Signal GENII-RA700 amplifiers, standard PAGASYS Gen II controllers or to other GENII-RC remote controllers, to provide a flexible PA/GA design platform which can be distributed over a wide geographic area.

The GENII-RC controller also possesses a two audio channel PAGASYS Gen II amplifier audio bus and a two audio channel PAGASYS Gen II A/B link interface and supports fully duplicated operation for maximum redundancy/reliability, which allows the GENII-RC controller to act as a system controller and audio processor for standard PAGASYS Gen II amplifiers, thus providing a cost reduced solution for less complex PAGASYS Gen II PA/GA systems.

FEATURES

- Dante® compatibility with standard PAGASYS Gen II system and GENII-RA700 amplifiers
- For connection to standard PAGASYS Gen II amplifiers, dynamically select up to two simultaneous audio sources from 8 AP/analog or 16 Dante® audio channels
- For connection to PAGASYS GII-RA700 amplifier, select two audio sources from 8 AP or 16 Dante® audio channels locally, or 128 zones using standard PAGASYS Gen II System Manager
- Eight programmable digital inputs and relay outputs for fire and gas/DCS connection
- Native support redundancy for two audio channel A-B link
- Supports up to 8 access panels
- PAGASYS Gen II I/O port to expand I/O capabilities with access to all Gen II I/O cards
- 2U 19" rack interface
- Configurable from PAGASYS Gen II System Manager software

PAGASYS Gen II Remote Controller

SPECIFICATIONS

Operating Temperature:	-20°C to +55°C
Power Input AC Versions:	
Input Voltage Range:	96/264VAC
Frequency:	47-63Hz
Max Operating Power	200W
I/O (rear of chassis)	8 x Digital Inputs 8 x Programmable Relay Outputs 2 x RJ45 Dante/Ethernet Ports RJ45 A/B Link Interface Port RJ45 I/O Interface 2 x RJ45 Amp Interface Ports 8 x RJ45 Access Panel Ports Fault Relay Contact
Dimensions (HxWxL):	88 mm x 483 mm x 371 mm
Weight:	3.5 kg/7.7 lb

HOW TO ORDER

Description	Part Number
PAGASYS Gen II Remote Controller	GENII-RC

ACCESSORIES

Description	Part Number
US Power Cable for PAGASYS Gen II	PK-POWERCABLE-US
UK Power Cable for PAGASYS Gen II	PK-POWERCABLE-UK
EU Power Cable for PAGASYS Gen II	PK-POWERCABLE-EU



Rear Panel GENII-RC

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