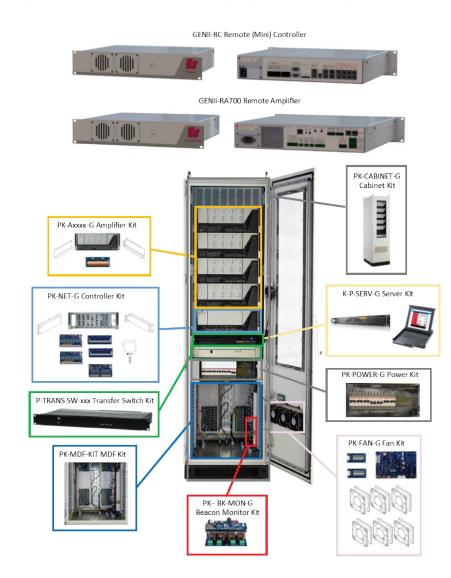**FEDERAL SIGNAL**

▶ PAGASYS® Gen II Kit Solution

PAGASYS Gen II is a robust public address and general alarm platform that supports a variety of life-safety critical environments. In the past, Federal Signal offered the PAGASYS Gen II system as a fully configured and tested system. Federal Signal has transitioned from a supplier of PAGASYS Gen II racks to a PAGASYS Gen II kit only supplier in July of 2020.

Customer orders requested prior to the transition date will still be completed by Federal Signal per customer sales order. Federal Signal provides kits for PAGASYS Gen II equipment and can provide the end user with the knowledge to complete the system build using their own design or using Federal Signal PA/GA design solution.

This kit solution will provide significant cost savings for Federal Signal customers, while ensuring that they receive the same quality for their life-safety critical systems. PAGASYS Gen II kit ordering and assembly training will be offered by Federal Signal as a hands-on class in University Park, Illinois.

FEATURES

- Same Federal Signal quality PA/GA equipment
- Configurator supports customer initiation of product quotes
- Significant cost savings when purchasing kits and assembling in lower cost labor environment
- Federal Signal customers can claim local assembly of systems to meet regional requirements

GENII-RC Remote (Mini) Controller

GENII-RA700 Remote Amplifier

PK-CABINET-G
Cabinet Kit

PK-Axxxx-G Amplifier Kit

K-P-SERV-G Server Kit

PK-NET-G Controller Kit

PK-POWER-G Power Kit

P-TRANS-SW-xxx Transfer Switch Kit

PK-MDF-KIT MDF Kit

PK-FAN-G Fan Kit

PK– BK-MON-G
Beacon Monitor Kit

Federal Signal is offering an online configurator to allow users to select the kits that they will need to build out their PAGASYS Gen II systems. This configurator allows users to select networked or non-networked PAGASYS Gen II systems, and service parts. The PAGASYS Gen II service parts configurator allows selection of service parts for the controller, the amplifiers, and the I/O cards. The Federal Signal PAGASYS Gen II kits will include the following models:

PK-NET-G/PK-NET-G-IP
Controller kits include the appropriate PAGASYS Gen II controller (non-networked or networked), along with the I/O cards normally installed on the MDF I/O panel connected to the controller I/O PCB, controller backplane, internal AP MUX, amplifier audio MUX, processor, miscellaneous, I/O interface, and AC power supply cards), the controller cabinet slide assemblies, mounting screws/nuts, and the microphone (with mounting bracket) that is normally connected to the controller miscellaneous card This kit does not include CAT5 wires normally connecting the controller to the I/O cards or to the amplifier. This wiring is included in the cabinet kit, model PK-CABINET-G.

GENII-RC
Remote controller is a new 2U form factor rack mountable mini-controller that 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 configurator allows the user to select either the AC (120/240VAC) or DC (48VDC) model.

PK-Axxxx-G
Amplifier kits include the amplifier chassis configured with the appropriate number of amplifier channel cards (1-4), selected for output audio voltage of 100Vrms or 70Vrms. The kit also includes the amplifier cabinet slide assemblies, mounting screws/nuts, one P-AADC2-G amp audio distribution card with audio output cable, and an amplifier standby cable.

PK-ISMT-G
ISMT kit provides the ISMT PCB that will be installed in the standby amplifier chassis, next to the slot 4 amplifier channel card. The ISMT card is not installed in the chassis when shipped.

GENII-RA700/GENII-RA700-70
Remote amplifier is a new 2U form factor rack mountable 2 x 350W amplifier that 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 configurator allows the user to select either the 100Vrms or 70Vrms model.

PK-FAN-G
Fan kit includes the fan power supply assembly, the fan termination PCBs (two), six fans, the fan upper/lower cable assemblies, screws/washers/nuts.

PK-BK-MON-G
Beacon control and monitor kit includes the beacon monitor assembly and mounting screws. The MDF kit includes the mounting location for the beacon monitor assembly, but does not include the module.

P-SERV-G/P-SYSMGR-G
Server kit includes the 1U Windows-based server, the 1U LCD/Keyboard, cable assemblies to connect the server and LCD/Keyboard, and also includes the PAGASYS Gen II System Manager software that is needed to configure the system controller. The server options include standard LCD/Keyboard, or touchscreen LCD/Keyboard. If the server is not needed the user is given an option to purchase the software only for a reduced price.

P-GLOBALIZATION-G
If the server or System Manager software is selected, the configurator gives the user the option of selecting the globalization kit. The globalization kit allows the user to select up to ten different languages for System Manager language support. If one of the ten available languages are not sufficient, contact your sales representative for availability of other languages.

P-TRANS-SW-G-XXX
Transfer switch model provides a source for redundant power supplies for the PAGASYS Gen II system, and is available in 120VAC or 240VAC models.

P-AP-XXXX-G
Six access panel models include three access panel types, desk mount (DM), wall mount (WM), and rack mount (19). Each model is available in safe area (SA) or explosive environment (EX) versions. EX models require the purchase of the optional barrier card to provide an Intrinsically Safe barrier between access panels that are mounted in a hazardous area and the PAGASYS Gen II cabinet.

P-AP-KYB-COVER
Access panel keyboard cover is an access panel option that provides protection to the access panel keypad, helping to prevent accidental key selections.

P-MIC-EXWMx-316-G
Microphone station models, one button or two button, provide an IP66 rated pushbutton station solution that can be used in an EX environment when connected to an optional barrier card.

P-IS-BARRIER-G
Barrier card is needed when the PAGASYS Gen II system is connected to an access panel or microphone station that is in an EX environment for intrinsically safe operation.

P-GAP-G
Global Access Panel, which is used to interface with networked controllers. Includes a Windows-based Server, GAP software, analog microphone, and a Dante interface to translate live voice to digital format.

PK-CABINET-G
For the user that wants the standard Federal Signal cabinet. This kit includes parts in a standard PAGASYS Gen II system that are not offered in the other kits, such as the standard 800x600x2000 cabinet, metalwork, wiring, etc.

PK-POWER-G/ PK-POWER-G-120
Provides the power panel assembly above the MDF area of the standard PAGASYS rack.

P-MDF-KIT
Includes the four MDF panels, the audio panel, the I/O panel, the power panel, and the rear upper MDF panel (used to attach the rear of the fan control module to cabinet). These panels do not include the audio or I/O PCBs, or the beacon monitor assembly, as these PCBs are available in other kits.

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