

► Model P-NET-G

PAGASYS® Gen2 Controller Chassis

The PAGASYS Gen2 controller chassis (Model P-NET-G) provides control and communications interfaces for the PAGASYS Gen2 system. The controller chassis includes the chassis enclosure, the controller backplane, and the controller daughter cards.

One controller chassis is needed to manage a PAGASYS Gen2 system, but a redundant controller chassis in two control cabinets can be utilized in an A/B configuration where redundancy is required. One controller chassis can support up to 32 amplifier chassis.

The controller chassis contains one controller motherboard, and up to 7 daughter cards. See Table 1 Controller Daughter Cards for the list of daughter cards. A standard controller chassis is populated with (ordered right to left in the chassis) a power supply card, an I/O interface card, a miscellaneous card, a controller card, two slots that can be populated with either an internal or external AP mux card, and an amp audio mux card.

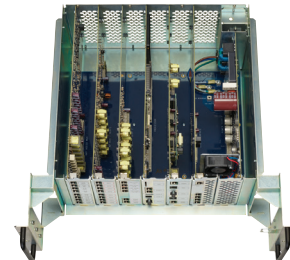
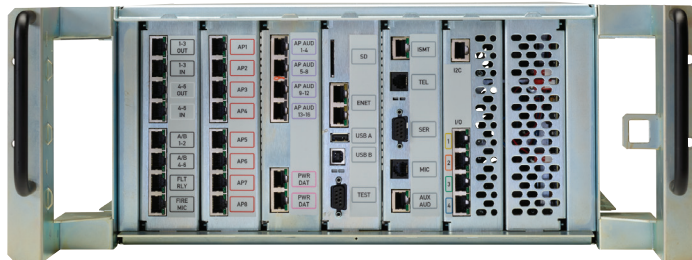


Table 1: Controller Daughter Cards

Model	Description	Backplane Slot
P-ADPS-G	Power Supply Card (120/240 VAC)	Power supply
P-CMC-G	Miscellaneous Card	Miscellaneous
P-IOIC-G	I/O Interface Card	I/O interface
P-CPC-G	Controller Card (DSP/ARM)	Processor
P-AAMC-G	Amplifier Audio Mux Card	Amp Audio I/O Mux
P-IAMC-G	Internal AP Mux Card	AP Mux slot 1 or 2
P-EAMC-G	External AP Mux Card	AP Mux slot 1 or 2

FEATURES

- Operating temperature -10°C to +55°C
- Single controller chassis can manage up to 32 amplifier chassis
- Multi-voice capability to broadcast 6 voices simultaneously to up to 128 zones
- Alarm audio "Ducking" for clear voice communications
- Up to 32 external audio inputs
- Fully configurable broadcast priority, unlimited levels
- Up to 128 peripheral devices
- Native support redundancy A-B or High Integrity, Network Support late 2018
- Native PABX interface with Larsen Effect (feedback) Elimination
- Supports up to 32 external access panels

SPECIFICATIONS

Operating Temperature:	-10°C to +55°C
Storage Temperature:	-55°C to +75°C
Dimensions (HxWxL):	177mm x 487mm x 371mm
Weight:	10 kg 0.57 kg/1.25 lbs

HOW TO ORDER

Description	Part Number
PAGASYS Gen2 Controller chassis with standard cards service part	K-P-NET-G