



P110

The Agent

CPG Signals
 2519 4th Avenue, Moline, Illinois 61265
 P.O. Box 590, Moline, Illinois 61266-0590
 Phone: (800) 577-5758 Local: (309) 762-0731 Fax: (309) 762-8215



ISO 9001 Certified Management System

Features

- UL Listed
- CSFM Listing
- 1 loop addressable with PDACT standard
- Remote operation of reset, silence, general alarm, alert, recall, and drill functions
- Drift compensation
- Pre-alarm, pre-signal, positive alarm sequence (PAS), and alarm verification by point
- Auto-Learn with configuration verification/comparison functions
- Audible or silent one-man walk test
- 500 event history record
- Pull station response time of 2 seconds maximum
- Devices may be individually enabled or disabled
- Devices may be individually verified
- Two built-in NACs, expandable to 4
- Three on-board relay outputs (alarm, trouble, supervisory)
- LCD Screen for main status display
- Audible annunciation of off-normal indications
- Password Protection
- Single addressable SLC accepting up to 99 detectors and 99 function modules
- System amps available 2.0A - expandable to 6.0A
- 3.0A available per NAC built-in circuit
- Auxiliary Power 1 Amp standby, 2 Amp in Alarm
- Auxiliary Power Circuits - 1 resettable and 1 non-resettable
- Up to a total of 9 annunciators

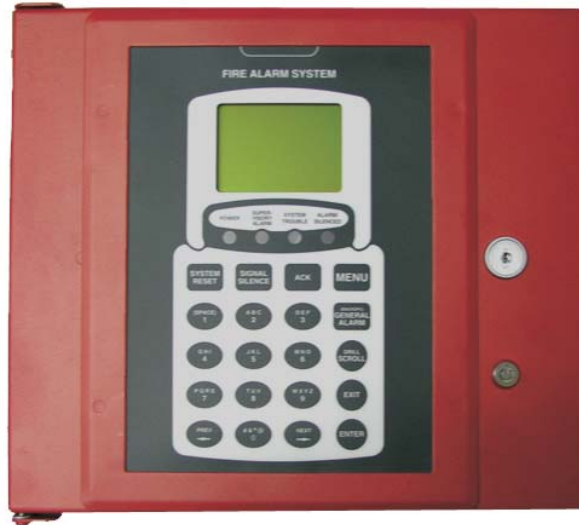


Description

The Agent P110 Fire Alarm System is designed for economy and ease of installations and troubleshooting. It contains an interface for a single SLC, has two built-in notification appliance circuits (NACs), and three on-board relay outputs (alarm, trouble, and supervisory alarm). The LCD annunciator provides annunciation and control of the system. The Auto-Learn feature can be used to quickly configure a system and additional system configuration can be done completely through the annunciator or with an optional PC interface. Options include: NAC expander, meter display, remote relays, and a serial port (for connection to a PC).

Ordering Information

Model Number	Part Number	Description
P110-AP	P110-AP	1 loop addressable FACP w/ PDACT 2NAC, 2AMPs
P110-AXP	P110-AXP	1 loop addressable FACP w/ PDACT 2NAC, 6AMPs
P110-AXNP	P110-AXNP	1 loop addressable FACP w/ PDACT 4NAC, 6AMPS
P1M	P1M	P110 mother board
PX3	PX3	4AMP Transformer
P1N2	P1N2	2 NAC Circuit Board
PDACT	PDACT	Point ID Dialer (replacement)
P1-CABA-A	P1-CABA-A	LCD Annunciator in cabinet
P1-CABR-R	P1-CABR-R	Remote 8 relay board in Cabinet
P110-CAB	P110-CAB	P110 Cabinet only
P1-CABA	P1-CABA	Annunciator Cabinet only
P1-CABR	P1-CABR	Relay Cabinet only
PTR	PTR	Relay Module
P1-CASE-O	P1-CASE-O	Communication Module in case



P1-CABA-A ANNUNCIATOR

Features

- Designed for recessed mounting
- Mimics the local display of main panel
- LCD display
- Allows silence and reset functions
- Piezo buzzer
- Indication by LCD screen of the system events and input/output system configuration parameters
- System command entering by keyboard
- System status indication by LEDs
- Communication with main panel by RS485 internal network
- 4 System status LEDs
- 20 key keyboard

Engineering Specifications

The remote annunciator shall be Harrington Signal FireSpy® series P1-CABA-A which is designed for recess mounting. It shall mimic the local display of the main panel; silence and reset functions; a graphical LCD display; 20 key keyboard; 4 system status LEDs; piezo buzzer; normal power supply voltage of 24VDC; a standby current of 115mA; system status indication by LEDs.

NOTICE: The information contained in this document is intended only as a summary and is subject to change without notice. The devices described in this document have specific instruction sheets which cover various technical, limitation and liability information. Copies of these instruction sheets and the General Product Warning and Limitations Document, which also contains important information are provided with the product and are available from Harrington Signal Inc. Fire Alarm. Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact Harrington Signal Inc. Harrington Signal Inc. Fire Alarm reserves the right to change specifications without notice.



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SERVICE USE FOR:

NFPA 72 (NATIONAL FIRE ALARM CODE)
 COMMERCIAL PROTECTED PREMISES UNIT
 LOCAL
 REMOTE STATION with UCT or PDACT
 CENTRAL STATION with PDACT

SERVICE TYPES:

MANUAL FIRE ALARM
 AUTOMATIC FIRE ALARM
 SPRINKLER SUPERVISORY
 WATERFLOW ALARM

SIGNALS:

NON-CODED, DACT,
 REVERSE POLARITY

ENVIRONMENT:

INDOOR, DRY

WARNING - THIS UNIT INCLUDES AN ALARM VERIFICATION FEATURE THAT WILL RESULT IN A DELAY OF THE SYSTEM ALARM SIGNAL FROM THE INDICATED CIRCUITS. THE TOTAL DELAY (CONTROL UNIT PLUS SMOKE DETECTOR) SHALL NOT EXCEED 60 SECONDS. NO OTHER SMOKE DETECTOR SHALL BE CONNECTED TO THESE CIRCUITS UNLESS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

When alarm verification is enabled, the P110 Signaling Line Circuit (compatibility identifier PSS1) has a 30 second smoke sensor delay time. The delay start-up time marked on the installation wiring diagram of the smoke detector or on the installed smoke detector is to be used.

FCC COMPLIANCE

This equipment complies with the requirements in part 15 of FCC rules for a class A computing device. Operation of this equipment in a residential area may cause unacceptable interference to radio and TV reception requiring the operator to take whatever steps are necessary to correct the interference.

INSTALLATION and MAINTENANCE

The installation of this fire alarm control panel and associated devices must be in accordance with NFPA-72 National Fire Alarm Code, National Electrical Code, and the Authority Having Jurisdiction. The complete installation must be tested, verified, and maintained by a factory trained or factory authorized representative.

NOTES:

- 1) Use only smoke sensor that are listed in compatibility listing in owner's manual.
- 2) Leave end-of-line test resistors on unused circuits.
- 3) Combined load of all external devices, including indicating appliances, is not to exceed 2A when one transformer (PX3) is used and not to exceed 6A when two transformers are used.
- 4) All EOL resistors are 5.1K (#024-4556)

654-5021

