

GEM-P1632 / GEM-P816 Addendum Summary of Version 9A Features

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Following is a summary of new features that have been added to the GEM-P1632 version 9A firmware. These features have also been incorporated into the initial release of the GEM-P816. In order to program these features through the PCD3000 Quickloader, version 3.33 must be installed.

Chime Zone 2

A second programmable chime zone has been added. While the standard chime zone sounds a steady tone when a chime zone is faulted, Chime 2 which will sound a pulsating tone when a Chime 2 zone is faulted. This can be used to help the customer easily identify the door which has been opened. Program the zone as Chime 2 in the Zone Features screen.

Garage Door Opener Control by KeyFob.

The PGM2 Output can now be programmed to activate for a programmable period of time (2 to 254 sec.). This allows it to be used for access functions such as opening and closing a garage door, or remotely activating an electric door strike through an RB1000 relay. This is achieved by programming a new KeyFob option, *Access on PGM2 Output*, into the Aux. 1 or Aux. 2 option locations on the Wireless KeyFobs screen. This feature also requires a valid time to be entered into the *PGM2 Output Access Control* in the Time Selection Screen.

Keypad Zone Directory * GEM-RP1CAe2 firmware version 5 or greater required

The GEM-RP1CAe2 will now support the display of the Keypad Zone Directory. Press [FUNCTION] until "DISPLAY ZN DIRECTORY Y/N" is displayed and press [YES] (INTERIOR). Scroll through the zone directory by pressing [NEXT] / [PRIOR].

Set Keypad Time and Date in Dealer Program Mode * GEM-RP1CAe2 firmware version 5 or greater required The Keypad Time and Date on the GEM-RP1CAe2 keypad may now be set in the Dealer Program.

Set Time and Date Message Option * GEM-RP1CAe2 firmware version 5 or greater required

In the event of a complete power failure (AC and DC) and the loss of the system clock, when the system is repowered, a message 'SET TIME / DATE" will be displayed on the GEM-RP1CAe2 keypad. The message will remain until the Time and Date have been re-programmed.

* GEM-RP1CAe2 firmware version 5 has been released and is currently shipping. These keypads can be identified by the product version number 4 which appears on the inside of the end flap of the keypad carton, following a 5 digit manufacturing code (i.e.: XXXXDR4).

Set Keypad Time and Date in User Program Mode (GEM-RP1CAe2 firmware version 6 or greater required) When using an GEM-RP1CAe2 with soon to be released firmware version 6, the Time and Date may be set in the User Program Mode.

Keypad Digital Dialer Test

A Digital Dialer Test (Central Station Comm. Test) can now be initiated from the function menu. Press [FUNCTION] until "DIGITAL DIALER TEST Y/N" is displayed and then press [YES] (INTERIOR) to initiate the transmission of a Test Timer signal. Note: Test Timer reporting codes and *Report Test Timer on Telco1* or *Telco 3* must be programmed.

KeyFob Control of Relay Groups 1 and 2

The P1632 now supports KeyFob Control of Relay groups 1 and 2. The KeyFob Aux 1 and Aux 2 buttons can now be programmed to toggle on and off external Relay Groups 1 and 2.

Key Fob Arm/Disarm chirp of Alarm Output.

The Key Fob Arm/Disarm chirp can now also be directed to the Alarm Output, which can free up the PGM2 Output for other uses such as garage door opener control.

• To enable the Key Fob Arm/Disarm chirp option on Alarm Output, enable 'Chirp' Output on KeyFob Arm/Disarm and Select Alarm Output for KeyFob 'Chirp' in the PCD3000 Options screen.

System Trouble Audible Automatic Timeout

Traditionally, a System Trouble would cause the keypad to scroll the trouble description in the display and activate the sounder until [RESET] is pressed. If the system were Armed when the trouble occurred, the keypad would display the SYS TBL icon, but NOT activate the sounder. In version 9A, if the trouble occurs when disarmed the sounder will now automatically time out in 10 minutes, without the need to press [RESET].

Disable System Trouble Audible (Do Not program in UL Installations)

For installations where an audible on system trouble is not desired at all, a new option, *Inhibit System Trouble Audible* can be enabled. Regardless of the system status, Armed or Disarmed, there will be no keypad sounder at all in the event of a system trouble. However, the trouble will still scroll in the keypad display until [RESET] is pressed and the SYS TBL icon will display until the trouble is restored.

• To disable System Trouble Audible, enable the option *Inhibit System Trouble Audible* in the PCD3000 3.33 Keypad Features screen.

Enable Alarm Output on Telephone Line Fault Only When Armed

When this option is selected, the Alarm Output will activate on a Telco Line Fault only when the system is armed, and will cause a system trouble when disarmed. Note: requires <System Features: Alarm Output> and <Telco Fail>.

Easy Exit Always Enabled in Interior Mode

While armed in the Interior Mode, Easy Exit can be initiated by pressing [ON/OFF]. Easy Exit restarts the Exit delay, allowing a User to exit an armed premise without disarming and rearming the system. Formerly, Easy Exit was only available in the Automatic Interior Bypass mode.

Note: on prior version, Easy Exit was accessed by pressing [INTERIOR]. It has been changed to [ON/OFF].

Easy Programming of Auto download ID #'s and PC Preset Callback # (GEM-RP1CAe2 only)

It is now possible to set the PC Preset Auto download ID # and PC Preset Callback phone number from the GEM-RP1CAe2 Easy Program Mode.

- 1. Enter Easy Program Mode and press [NO] (INSTANT) until Central Phone # is displayed.
- 2. Program an "F" followed by the Auto Download ID # (2 digits) and then the Callback Telco # (up to 13 digits).
- 3. Press [ON/OFF] to save.
- 4. Exit Program Mode ([RESET] [RESET]).
- 5. Enter Function Mode
- 6. Go to Function "ACTIVATE DOWNLOAD Y/N" and press YES (INTERIOR).
- 7. The panel will automatically call the PCPreset computer and download the program on the specified Auto DL line #.

Example: Program an Auto Download ID # of 07 and a PC Preset Callback # of 1-516-842-9400

• Go to Central Phone # input screen and press:	[*] [5]	[0] [7]	[1] [5] [1] [6] [8] [4] [2] [9] [4] [0] [0]	[ON/OFF]
	'F'	Auto DL II	D# Callback Phone #	Save

Note: After the auto download of the control panel program, the system must be fully tested.

Disable Auto Status

For high security Installation, the automatic scrolling of Zone Faults can now be disabled

Zone Status

A new function menu item, Zone Status has been added. In high security Installations where Disable Auto Status has been programmed, entering the User code and pressing [FUNCTION] until "Display Zone Status Y/N" is displayed. Press [YES] (Interior) and then NEXT/Prior to scroll through any faulted zones.

Gem-Print Module Support

A new accessory, the Gem-Print module is supported in version 9A. The bus mounted GEM-PRINT will print all system activity. If the GEM-PRINT fails, it will cause an E27-00 Printer Fail system trouble.

Sensor Watch

The GEM-P1632 now supports Sensor Watch. It supervises designated zones for a lack of activity and will cause a system trouble E-22-XX Sensor Activity Fail if no activity is detected for the programmed period of time.