KEYPAD MESSAGES

KEYPAD MESSAGES

The GEM-RP1CA/RP1CAe/RP1CAe2 Keypad can display the following messages. The GEM-RP2AS/RP2ASe/RP2ASe2 will display similar abbreviated messages that may scroll through two screens.

SYSTEM READY CW1 - All zones operating; system can be armed. GEM-RP1CA/RP1CAe/RP1CAe2 only: C = Chime Mode on; W = Watch Mode on; 1-8 = Area.

PLEASE WAIT - Panel reporting to central station on arming. Wait for ringback signal to exit.

EXIT TIME XXX SI1 - Exit delay in progress. XXX = exit time remaining in 10-second decrements; GEM-RP1CA/RP1CAe/RP1CAe2 only: S = Service Code active; I = arming with Instant protection; 1-8 = Area.

ENTRY TIME XXX - Entry delay in progress. XXX = entry time remaining in 10-second decrements.

SYSTEM ARMED SI1 - Panel armed. GEM-RP1CA/RP1CAe/RP1CAe2 only: S = Service Code active; I = arming with Instant protection; 1-8 = Area.

CHECK STATUS CW - One or more zones not secured. Display status for zone description(s). GEM-RP1CA/RP1CAe/RP1CAe2 only: C = Chime Mode on; W = Sensor Watch Mode on

CAN'T ARM/ZONES NOT NORMAL - Arming attempted with Priority Zone in trouble. Secure zone to arm.

DAY ZONE TRBL - Trouble condition on Day Zone, followed by one or more zone descriptions.

INVALID ENTRY/TRY AGAIN - Wrong code/time/area number entered.

CAN'T ARM SYSTEM - Arming attempted with System Trouble present. Press the `RESET` button and then arm the system.

ALARM - Alarm condition, followed by one or more zone descriptions.

****FIRE**** - Fire alarm condition, followed by one or more zone descriptions.

FIRE TROUBLE - Trouble condition on a Fire Zone. Press `RESET` button to silence the sounder. Correct the trouble, then press the `RESET` button again.

FIRE ALARM - Alarm condition on a Fire Zone. Press the `RESET` button to silence the sounder. Correct the cause of the alarm, then press the `RESET` button again.

ZONES BYPASSED - (When Zones Bypassed displayed) Indicates zones that have been deactivated.

OV(R-) - Overview Mode (Status of 2 areas): R=Zone Ready; also, Z=Zone Fault; A=Armed; B=Burglary Output; F=Fire Alarm; T=Fire Trouble; C=Check Trouble; Display Mode.

SYSTEM TROUBLE - A System Trouble display will be followed by one or more of the following error codes:

> **E01-00 - AC POWER FAIL.** Power failure. Check power transformer. Check for blown fuse or circuit breaker; general power outage.

> **E02-00 - LOW BATTERY.** Battery below 11 volts. If not recharged within 24 hours, replace it.

> **E03-00 - COMM FAIL.** Unsuccessful communication to central station. **Note:** Will also display if panel improperly programmed to report; i.e., Report Alarm, Report Codes, Subscriber ID Numbers, etc. must be programmed.

> **E04-NN - WL TRBL.** Wireless transmitter supervisory failure. NN = transmitter number.

> **E05-NN - WL LOBATT.** Rf transmitter low battery. NN = transmitter number.

> **E06-NN - RF REC TROUBLE.** Rf receiver response trouble. NN = receiver number.

E07-00 - DOWNLOAD FAIL. Download failure.

E08-00 - TELCO LINE1 FAIL. Telephone line failure (system trouble displays after a programmed delay).

E09-00 - NOT PROGRAMMED. System cold start.

E10-NN - BURG KEYPAD TRBL. Keypad response failure. NN = keypad number.

E11-NN - BURG KPD TAMPER. Keypad cover removed. NN = keypad number.

E12-NN - BURG EZM TRBL. Expansion zone module failure. NN = module number.

E13-NN - BURG EZM TAMPER. EZM module cover re moved. NN = module number.

E14-NN - RELAY BOARD TRBL. Relay board response failure. NN = relay board number.

E15-NN - WL TAMPER. Transmitter cover removed. NN = transmitter number.

E16-NN - RF REC JAMMED. Receiver jammed. NN = receiver number.

E17-NN - RF REC TAMPER. Receiver cover removed. NN = receiver number.

E18-NN - LOBATT KEYFOB. Key fob transmitter low battery. NN = key fob transmitter number.

E19-00 - USER MEM ERROR. Internal memory error. Select RESET SYSTEM TBL. Press the [ON/OFF] button, then the `RESET` button.

E20-00 - DEALER MEM ERROR. Same as above.

E22-NN - PIR SENSOR TRBL. No trip detected on PIR Supervision Zone within programmed Sensor-Watch time. NN = Zone number. To reset, press YES (`INTERIOR`) button at "RESET SENSOR MSG" function display.

E23-00 - BURG BUS FAILED. Failure of 4-wire bus. Check Terminals 11/12.

E24-00 - TIME FOR SERVICE. A service message can be programmed through the PCD3000 Quickloader (event-schedule screen) to remind the user to arrange for scheduled maintenance. At the programmed date and time, the keypad sounder will start to pulse and the display will read "TIME FOR SERVICE" (GEM-RP1CA/RP1CAe/RP1CAe2) or "SERV" (GEM-RP2ASe2/RP2ASe/RP2ASe2). This condition will behave as a system trouble and may be cleared as such, i.e., press the `RESET` button to silence sounder; access RESET SYSTEM TRBL, then press the [ON/OFF] button.

E39-00 - RF CAPACITY TRBL. Receiver capacity error.

E51-00 - Alarm Output Supervisory.

E99-00 - Keypad panic shorted too long. GEM-RP2AS/RP2ASe/RP2ASe2 only.

NN OUT OF SYSTEM - Keypad inoperative. NN = keypad number.

ALARM - (After panel is disarmed) displays zones violated.

FAULT FIND - Fault-find Mode activated.

LOCATE - Locate Mode activated.

KEYPAD MESSAGES

The GEM-RP1CAe2 Keypad can display the following messages. The GEM-RP2ASe2 will display similar abbreviated messages that may scroll through two screens. **Note:** Refer to OI234 for the GEM-RP1CAe2 Keypad; OI192 for the GEM-RP2ASe2 Keypad.

SYSTEM READY - All zones operating; system can be armed. 1 through 2 = Area.

ARMING YYY/XXX SECONDS - Exit delay in progress. XXX = exit time remaining in 10-second decrements; YYY = Away, Stay or Night. Arming then becomes ARMED.

DISARM NOW/XXX SECONDS - Entry delay in progress. XXX = entry time remaining in 10-second decrements.

SYSTEM ARMED - Panel armed. GEM-RP1CAe2 only.

ZONE FAULTED - One or more zones not secured. Display status for zone description(s). GEM-RP1CAe2 only.

CAN'T ARM SYSTEM/ZONE FAULTED - Arming attempted with Priority Zone in trouble. Secure zone to arm.

DAY ZONE TROUBLE - Trouble condition on Day Zone, followed by one or more zone descriptions.

INVALID ENTRY/TRY AGAIN - Wrong code/time/area number entered.

CAN'T ARM SYSTEM/PRESS RESET KEY - Arming attempted with System Trouble present. Press the RESET button and then arm the system.

ALARM - Alarm condition, followed by one or more zone descriptions.

FIRE ALARM - Alarm condition on a Fire Zone. Enter your code then press the ON/OFF button to silence the sounder. Correct the cause of the alarm, then press the RESET button again. Fire alarm condition, followed by one or more zone descriptions.

SYSTEM TROUBLE - A System Trouble display will be followed by one or more of the following error codes:

AC POWER FAIL/E01-00 SERVICE. Power failure. Check power transformer. Check for blown fuse or circuit breaker; general power outage.

LOW BATTERY/E02-00 SERVICE. Battery below 11 volts. If not recharged within 24 hours, replace it.

COMM FAIL/E03-00 SERVICE. Unsuccessful communication to central station. **Note:** Will also display if panel improperly programmed to report; i.e., Report Alarm, Report Codes, Subscriber ID Numbers, etc. must be programmed.

WIRELESS TROUBLE/E04-NN SERVICE. Wireless transmitter supervisory failure. NN = transmitter number.

WIRELESS LOWBATT/E05-NN SERVICE. Rf transmitter low battery. NN = transmitter number.

SYSTEM TROUBLE/E06-NN SERVICE. Rf receiver response trouble. NN = receiver number.

SYSTEM TROUBLE/E07-00 SERVICE. Download failure.

SYSTEM TROUBLE/E08-00 SERVICE. Telephone line failure (system trouble displays after a programmed delay).

SYSTEM TROUBLE/E09-00 SERVICE. System cold start not programmed after address 1198.

SYSTEM TROUBLE/E10-NN SERVICE. Keypad response failure. NN = keypad number.

SYSTEM TROUBLE/E11-NN SERVICE. Keypad tamper cover removed. NN = keypad number.

SYSTEM TROUBLE/E12-NN SERVICE. Expansion zone module failure. NN = module number.

SYSTEM TROUBLE/E13-NN SERVICE. EZM module cover removed. NN = module number.

SYSTEM TROUBLE/E14-NN SERVICE. Relay board response failure. NN = relay board number.

SYSTEM TROUBLE/E15-NN SERVICE. Wireless transmitter tamper cover removed. NN = transmitter number.

SYSTEM TROUBLE/E16-NN SERVICE. Receiver jammed. NN = receiver number.

SYSTEM TROUBLE/E17-NN SERVICE. Receiver cover removed. NN = receiver number.

SYSTEM TROUBLE/E18-NN SERVICE. Key fob RF transmitter low battery. NN = key fob transmitter number.

SYSTEM TROUBLE/E19-00 SERVICE. Internal user memory error. Select RESET SYSTEM TBL. Press the ON/OFF button, then the RESET button.

SYSTEM TROUBLE/E20-00 SERVICE. Internal dealer memory error.

SYSTEM TROUBLE/E22-NN SERVICE. No trip detected on PIR Supervision Zone within programmed Sensor-Watch time. NN = Zone number. To reset, press YES (INTERIOR) button at "RESET SENSOR MSG" function display.

SYSTEM TROUBLE/E23-00 SERVICE. Failure of 4-wire bus. Check Terminals 11/12.

SYSTEM TROUBLE/E27-NN SERVICE. Check GEM-Printer Module, printer out of paper or printer off-line.

SYSTEM TROUBLE/E39-00 SERVICE. Receiver capacity error.

SYSTEM TROUBLE/E41-NN SERVICE. Trouble condition on a Fire Zone. Press RESET button to silence the sounder. Correct the trouble, then press the RESET button again.

SYSTEM TROUBLE/E51-00 SERVICE - Alarm Output Supervisory.

NN OUT OF SYSTEM - Keypad inoperative. NN = keypad number.

FAULT FIND/RF SIGNAL POWER - Fault-find Mode activated.

Keypad Messages

KEYPAD MESSAGES

The GEM-RP1CA/RP1CAe/RP1CAe2 Keypad can display the following messages. The GEM-RP2AS/RP2ASe/RP2ASe2 will display similar abbreviated messages that may scroll through two screens.

SYSTEM READY CW1 - All zones operating; system can be armed. GEM-RP1CA/RP1CAe/RP1CAe2 only: C = Chime Mode on; W = Watch Mode on; 1-8 = Area.

PLEASE WAIT - Panel reporting to central station on arming. Wait for ringback signal to exit.

EXIT TIME XXX SI1 - Exit delay in progress. XXX = exit time remaining in 10-second decrements; GEM-RP1CA/RP1CAe/RP1CAe2 only: S = Service Code active; I = arming with Instant protection; 1-8 = Area.

ENTRY TIME XXX - Entry delay in progress. XXX = entry time remaining in 10-second decrements.

SYSTEM ARMED SI1 - Panel armed. GEM-RP1CA/RP1CAe/RP1CAe2 only: S = Service Code active; I = arming with Instant protection; 1-8 = Area.

CHECK STATUS CW - One or more zones not secured. Display status for zone description(s). GEM-RP1CA/RP1CAe/RP1CAe2 only: C = Chime Mode on; W = Sensor Watch Mode on

CAN'T ARM/ZONES NOT NORMAL - Arming attempted with Priority Zone in trouble. Secure zone to arm.

DAY ZONE TRBL - Trouble condition on Day Zone, followed by one or more zone descriptions.

INVALID ENTRY/TRY AGAIN - Wrong code/time/area number entered.

CAN'T ARM SYSTEM - Arming attempted with System Trouble present. Press the [RESET] button and then arm the system.

ALARM - Alarm condition, followed by one or more zone descriptions.

****FIRE**** - Fire alarm condition, followed by one or more zone descriptions.

FIRE TROUBLE - Trouble condition on a Fire Zone. Press [RESET] button to silence the sounder. Correct the trouble, then press the [RESET] button again.

FIRE ALARM - Alarm condition on a Fire Zone. Press the [RESET] button to silence the sounder. Correct the cause of the alarm, then press the [RESET] button again.

ZONES BYPASSED - (When Zones Bypassed displayed) Indicates zones that have been deactivated.

OV(R-) - Overview Mode (Status of up to 8 areas): R=Zone Ready; also, Z=Zone Fault; A=Armed; B=Burglary Output; F=Fire Alarm; T=Fire Trouble; C=Check Trouble; Display Mode.

SYSTEM TROUBLE - A System Trouble display will be followed by one or more of the following error codes:

E01-00 - AC POWER FAIL. Power failure. Check power transformer. Check for blown fuse or circuit breaker; general power outage.

E02-00 - LOW BATTERY. Battery below 11 volts. If not recharged within 24 hours, replace it.

E03-00 - COMM FAIL. Unsuccessful communication to central station. **Note:** Will also display if panel improperly programmed to report; i.e., Report Alarm, Report Codes, Subscriber ID Numbers, etc. must be programmed.

E04-NN - WL TRBL. Wireless transmitter supervisory failure. NN = transmitter number.

E05-NN - WL LOBATT. Rf transmitter low battery. NN = transmitter number.

E06-NN - RF REC TROUBLE. Rf receiver response trouble. NN = receiver number.

E07-00 - DOWNLOAD FAIL. Download failure.

E08-00 - TELCO LINE1 FAIL. Telephone line failure (system trouble displays after a programmed delay).

E09-00 - NOT PROGRAMMED. System cold start.

E10-NN - BURG KEYPAD TRBL. Keypad response failure. NN = keypad number.

E11-NN - BURG KPD TAMPER. Keypad cover removed. NN = keypad number.

E12-NN - BURG EZM TRBL. Expansion zone module failure. NN = module number.

E13-NN - BURG EZM TAMPER. EZM module cover removed. NN = module number.

E14-NN - RELAY BOARD TRBL. Relay board response failure. NN = relay board number.

E15-NN - WL TAMPER. Transmitter cover removed. NN = transmitter number.

E16-NN - RF REC JAMMED. Receiver jammed. NN = receiver number.

E17-NN - RF REC TAMPER. Receiver cover removed. NN = receiver number.

E18-NN - LOBATT KEYFOB. Key fob transmitter low battery. NN = key fob transmitter number.

E19-00 - USER MEM ERROR. Internal memory error. Select RESET SYSTEM TBL. Press the [ON/OFF] button, then the [RESET] button.

E20-00 - DEALER MEM ERROR. Same as above.

E22-NN - PIR SENSOR TRBL. No trip detected on PIR Supervision Zone within programmed Sensor-Watch time. NN = Zone number. To reset, press YES ([INTERIOR]) button at "RESET SENSOR MSG" function display.

E23-00 - BURG BUS FAILED. Failure of 4-wire bus. Check Terminals 11/12.

E24-00 - TIME FOR SERVICE. A service message can be programmed through the PCD3000 Quickloader (event-schedule screen) to remind the user to arrange for scheduled maintenance. At the programmed date and time, the keypad sounder will start to pulse and the display will read "TIME FOR SERVICE" (GEM-RP1CA/RP1CAe/RP1CAe2) or "SERV" (GEM-RP2ASe2/RP2ASe/RP2ASe2). This condition will behave as a system trouble and may be cleared as such, i.e., press the [RESET] button to silence sounder; access RESET SYSTEM TRBL, then press the [ON/OFF] button.

E39-00 - RF CAPACITY TRBL. Receiver capacity error.

E51-00 - Alarm Output Supervisory.

E99-00 - Keypad panic shorted too long. GEM-RP2AS/RP2ASe/RP2ASe2 only.

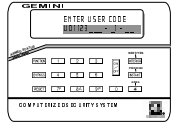**NN OUT OF SYSTEM** - Keypad inoperative. NN = keypad number.

ALARM - (After panel is disarmed) displays zones violated.

FAULT FIND - Fault-find Mode activated.

LOCATE - Locate Mode activated.

USER PROGRAM MODE

PRELIMINARY INFORMATION

The User Program Mode is covered in detail in the operating instructions for the keypad in use.

☞ Only Keypad #1 may be used for programming, however this keypad may be located in any area.

☞ The Program Mode cannot be accessed while the communicator is transmitting except during the first three minutes after power-up.

☞ After entering codes or data, press the save [ON/OFF] button. Data will not be stored into memory unless this button is pressed.

☞ If the keypad is in the Program Mode and no activity is detected for longer than 4 minutes, a steady tone will sound. Press the [RESET] button to silence the sounder and exit the User Program Mode.

NOTE: For ease of programming, it is recommended that a GEM-RP1CAe2 be used as Keypad #1. (A new GEM-RP1CAe2 is automatically configured as Keypad #1.)

If a GEM-RP2ASe2 is used, configure address jumpers as Keypad #1 (see the section of this manual Configuring the GEM-RP2ASe2 Keypad). Use the [FUNCTION] button to manually scroll the display at the end of each programming line.

ACCESSING USER PROGRAM MODE

1. Press [ ] [ ] [ ] [ ] [ ] [ ] [FUNCTION]

New Panel (Default User Code = 123)
Existing Panel (Any Code with User Program Option Enabled)

2. Press [INSTANT] Until "ACTIVATE PROGRAM Y/N" **(GEM-RP1CAe2) or**
"TURNON PROG Y/N" **(GEM-RP2ASe2)**
appears on LCD screen.

3. Press [INTERIOR] To Enter User Program Mode

4. Press [RESET] To Exit User Program Mode when finished

USER CODES

    ENTER USER CODE
    U01 123___ - __ - __

GEM-RP1CAe2 Keypad (Direct Entry)
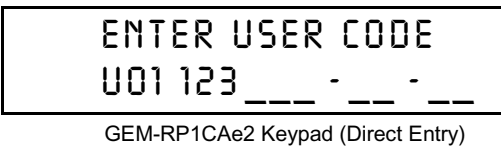
Up to 32 User Codes may be programmed.
NOTE: In this mode, only the code is programmable; the accompanying Area Options must be programmed in the Dealer Program Mode (see page 8).

☞ Use the [FUNCTION] button to place the cursor over the User Number.

☞ Enter a User Number (01–32) using the number buttons. The cursor will then advance to the User Code and read the existing code, if any.

To Program User Codes

1. Set Cursor Position using the [FUNCTION] button.
2. Enter 2-digit User Number (01-32) directly using number buttons (0-9).
3. Enter Code (1-6 digits) directly using number buttons (0-9).
4. Press the [ON/OFF] button to save each code.

NOTE: Press [✳] [0] button to clear character at cursor.
To continue press [INTERIOR] or [INSTANT] button.

Programming User Codes

☞ Enter the new User Code using the number buttons (0-9). If an old code is displayed, program over it. To erase the digit at the cursor, press ⸤ ✳ ⸥ ⸤ 0 ⸥ button.

☞ Press the ⸤ON/OFF⸥ button to save the code in memory.

☞ Repeat this procedure for each user. To proceed to Zone-Description programming, press the NEXT (⸤INTERIOR⸥) button or the PRIOR (⸤INSTANT⸥) button.

```
┌─────────────────────────┐
│                         │
│              USER01     │
│                         │
└─────────────────────────┘
```
GEM-RP2ASe2 Keypad
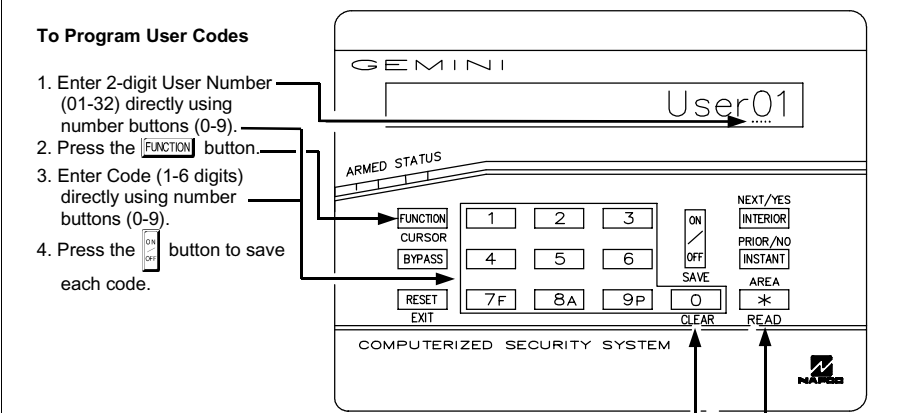
```
┌─────────────────────────┐
│                         │
│           123___        │
│                         │
└─────────────────────────┘
```
(Direct Entry)

To Program User Codes

1. Enter 2-digit User Number (01-32) directly using number buttons (0-9).
2. Press the FUNCTION button.
3. Enter Code (1-6 digits) directly using number buttons (0-9).
4. Press the ON/OFF button to save each code.

NOTE: Press ⸤ ✳ ⸥ ⸤ 0 ⸥ button to clear character at cursor.
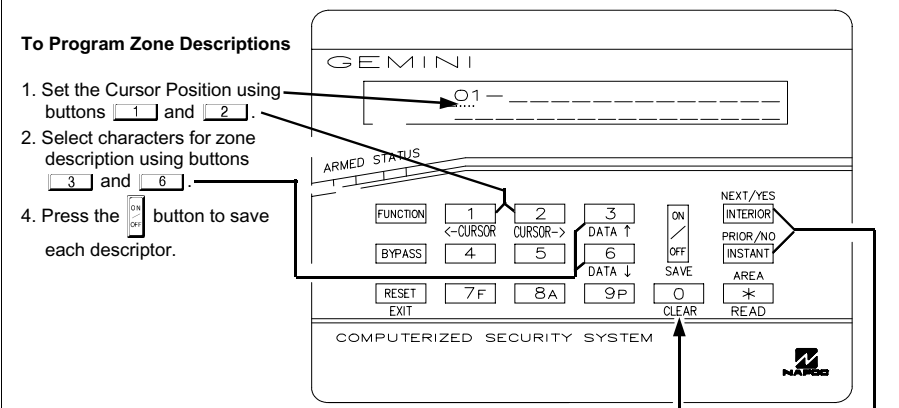To continue press ⸤INTERIOR⸥ or ⸤INSTANT⸥ button.

Programming User Codes

ZONE DESCRIPTIONS (GEM-RP1CAE2 KEYPADS ONLY)

```
┌─────────────────────────┐
│   01-_____    │
│   _____     │
└─────────────────────────┘
```
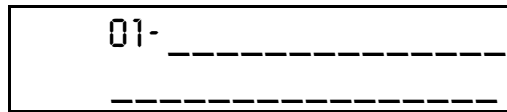
Enter an identifying description for each zone. Buttons ⸤ 1 ⸥ and ⸤ 2 ⸥ set the cursor position; buttons ⸤ 3 ⸥ and ⸤ 6 ⸥ scroll numbers, letters, punctuation marks, etc.

☞ Position the cursor over the displayed Zone Number (i.e., "01") using buttons ⸤ 1 ⸥ and ⸤ 2 ⸥.

☞ Change the Zone Number using buttons ⸤ 3 ⸥ and ⸤ 6 ⸥.

☞ Position the cursor over the first character of the description field. Advancing the cursor between characters, program a description of up to two lines for the new zone using buttons ⸤ 3 ⸥ and ⸤ 6 ⸥.

To Program Zone Descriptions

1. Set the Cursor Position using buttons ⸤ 1 ⸥ and ⸤ 2 ⸥.
2. Select characters for zone description using buttons ⸤ 3 ⸥ and ⸤ 6 ⸥.
4. Press the ON/OFF button to save each descriptor.

NOTE: Press ⸤ ✳ ⸥ ⸤ 0 ⸥ button to clear character at cursor.
To continue press ⸤INTERIOR⸥ or ⸤INSTANT⸥ button.

Programming Zone Descriptions

☞ Press the ON/OFF button to save. Advance to the next zone as in Steps 1 and 2 above and repeat this procedure until all zones have been programmed.

User Program Mode: Zone Descriptions