



333 Bayview Avenue
Amityville, New York 11701
For Sales and Repairs, (800) 645-9445
For Technical Service, (800) 645-9440

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GEM-P1632 QUICK START

WI1235C-GEN 5/07

The following pages detail the steps necessary to program the GEM-P1632 Panel. Programming is divided into two areas, *Easy Program Mode* and *Address Program Mode*:

ENTER THE EASY PROGRAMMING MENU

1. Press

↙ Dealer Code (Default = 456789) ↘

2. Press NO () button until "ACTIVATE PROGRAM Y/N" appears on LCD screen.

3. Press YES () button to Enter Dealer Program Mode.

Answer the following "Easy Program" Questions:

1

(Direct Entry)

Program Total Number of Zones

- For example, 08, 12, 16, 20, etc., and press to save. For a partitioned system, enter the total number of zones in the system and refer to section "L" on page 7.
- Press NEXT to proceed.

2

(Press YES or NO)

Panel Zone Doubling

- Press NO to proceed.

3

(Direct Entry)

Program Fire Zones

- Enter the zone number of any Fire Zones (including 2-wire, 4-wire or wireless).
- For example, 08, press to save, repeat for any additional zones.
- Press NEXT to proceed.

4

(Direct Entry)

Program 2-Wire Fire Zones

- Enter the zone number of any Fire zones to be used with 2-wire smoke detectors.
- For example, 08, press to save. Repeat for any additional zones.
- Press NEXT to proceed.

5

(Press YES or NO)

Enable Central Station Reporting

- Press YES to proceed.

6

(Direct Entry)

Program Exit/Entry Zones

- For example, press 01 and press to save.
- Repeat for any additional zones; press NEXT to proceed.




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7 Interior Zones
Enter Zone # XX

(Direct Entry)


Program Interior Zones

- For example, press 03 and press  to save, repeat for any additional zones.
- Press NEXT to proceed.

8 24 Hour Zones
Enter Zone # **

(Direct Entry)


Program 24 Hour Zones

- For example, press 04 and press  to save, repeat for any additional zones.
- Press NEXT to proceed.

9 Chime Zones
Enter Zone # **

(Direct Entry)


Program Chime Zones

- For example, press 01 and press  to save, repeat for any additional zones.
- Press NEXT to proceed.

10 Chime 2 Zones
Enter Zone # **

(Direct Entry)

Program Chime 2 Zones


- For example, press 02 and press  to save, repeat for any additional zones.
- Press NEXT to proceed.

NOTE: Chime 2 zones give a distinct pulsating tone different from Chime 1.

11 Exit/Entry2 Zones
Enter Zone # **

(Direct Entry)

Program Exit/Entry2 Zones

- For example, press 01 and press  to save, repeat for any additional zones.
- Press NEXT to proceed.

NOTE: Exit/Entry2 zones can be programmed for a different E/E time than E/E 1 zones.

12 50mS Loop Zones
Enter Zone # **

(Direct Entry)

Program 50 mS Loop Response Zones

- Press NEXT to proceed.

13 Aux Output Zones
Enter Zone # **

(Direct Entry)

Activate Aux Output on Alarm Zones

- Press NEXT to proceed.

14 Sensor Watch Zns
Enter Zone # **

(Direct Entry)




Program Sensor Watch Zones

- Press NEXT to proceed.
- NOTE: If there is no zone activity within time window (default=24 hours) of total disarmed time, will send an error message to the keypad.

15 KP Sndr Alrm Zns
Enter Zone # **

(Direct Entry)

Program Keypad Sounder On Alarm Zones

- Enter all zones slowly, 01 , 02 , 03 , etc.
- Press NEXT to proceed.

16 Auto Byp REnt Zn
Enter Zone # **

(Direct Entry)

Program Auto Bypass Re-entry Zones

- Press NEXT to proceed.
- NOTE: Will allow system to be armed with zone open, but zone will arm when zone is closed any time after arming. For example, arm the system with the garage door open, then vacate the garage. Upon closing the garage door, the door will arm.

17 Enable No EOLR
Zones Y/N

(Press YES or NO)

Enable No EOLR Zones

- Press NO to proceed.

18 Enable Telco
Line Test? Y/N

(Press YES or NO)

Enable Telco Line Test

- Press NO to proceed.

19 Enable Burg Out Chirp? Y/N

(Press YES or NO)

20 Enable SIA CP-01? Y/N

(Press YES or NO)

21 # Area 1 Keypads Enter # KPs 01

(Direct Entry)

22 Central Phone #

(Direct Entry)

23 Central Station Account # (____)

24 See WI for Info Rcvr Format (0)

(Direct Entry)

25 Enter user code U01 123 -

User# User Code Area 1 Area 2

26 ZN# XMIT#+CS P
Zn01- 000000:0-0

Zone # Xmitter Check Point
Mapped to ID Sum #

ZN# XMIT#+CS P
ZN01- ENROLL:A--

27 KF A XMIT#+CS OP
01 - 0 000000 : 0

KF Area Xmitter Check Aux
ID Sum 1&2

Enable Burg Output Chirp on KeyFob?

- Press NO to proceed

Enable SIA CP-01 Features?

- Press NO to proceed.

Enter the Number of Keypads

- Factory set for 1 Keypad
- Enter 02 for 2 Keypads, 03 for 3, etc., and press **ENTER** to save.
- Press NEXT to proceed.

Program Central Station Receiver Telephone Number

- Press **1** through **9P** for digits 1–9; *** 0** for a zero. and press **ENTER** to save.
- Press NEXT to proceed.

Program Central Station Account Number

- Press **1** through **9P** for digits 1–9 and press **ENTER** to save.
- Press NEXT to proceed.

Program Central Station Format

- Press *** 2** for a Contact ID and press **ENTER** to save.
- Press the NEXT button to proceed.

Program User Codes

- Enter User Number, press **MENU**, Enter User Code, press **ENTER** to save.
- After entering all Arm/Disarm Codes, program Ambush Code as follows:
- Enter User Number 32, press **MENU**, enter 2580, press **MENU MENU**, enter 05 to designate Ambush Code, press **ENTER** to save.

Enroll Wireless Transmitters

- Before enrolling transmitters, the GEM-RECVG wireless receiver and all wireless transmitters should be installed.
- Enter the zone number to which the transmitter point will be mapped.
 1. Press **BYPASS** to enter the Enroll Mode. The red and green LEDs on the keypad will flash and the window will display ENROLL as shown at left.
 2. For the GEM-TRANS2, open the door or window connected to the point that is to be learned.
 3. Install the transmitter battery. The keypad will beep to indicate that the point has been successfully enrolled and the transmitter's RF ID number will appear in the display..
 4. Repeat steps 1- 4 to learn additional transmitters.
 5. Press NEXT to proceed.

Program Wireless Keyfobs

Enter:

- The Key Fob Transmitter number (01– 08) **MENU**.
- The Area Number (1).
- The 6-digit RF ID # and 1-digit checksum number printed on the transmitter and box.
- The Aux 1 Option (see key fob A1 & A2 options).
- The Aux 2 Option (see key fob A1 & A2 options).
- Press **ENTER** to save.
- Press NEXT to proceed when all key fobs have been entered.

NOTE: When programming the RF ID Code number, "0" through "9" = **0** through **9P**;

A = *** 0**; B = *** 1**; C = *** 2**; D = *** 3**; E = *** 4**; and "F" = *** 5**.

28 01-
(Direct Entry)

Enter Zone Descriptions

- Use **1** and **2** to move the cursor and **3** and **6** to select the character.
- Press **ENTER** to save each description.
- To proceed to the next description, place the cursor under the Zone Number (e.g. "01") and change the Zone Number using **3** and **6**; program new description as above.
- Press NEXT to proceed.

29 Enter Date
(/ /)
(Direct Entry)

Enter Date

- Press **MENU** to set cursor.
- Enter the current date in MM/DD/YY format.
- Press **ENTER** to save. Press NEXT button to proceed.

30 Enter Time
(:)
(Direct Entry)

Enter Time

- Press **MENU** to set cursor.
- Enter the current time in HH:MM format.
- Select AM or PM by pressing any numbered button.
- Press **ENTER** to save. Press NEXT to proceed.

31 Dealer Code
456789

Enter Dealer Code

- Enter the Dealer Code.
- Press **ENTER** to save.

32 Dealer Code
RE-ENTER

Re-enter Dealer Code

- Enter the Dealer Code to confirm.
- Press **ENTER** to save. Press NEXT to proceed.

33 TEST TIMER
SMTWTFS HH:MM

Test Timer

- Select day(s) by simply erasing the unwanted days. Move the cursor over the day and press any number key to erase/restore the day. For example, "Monday" and "Friday" will appear as: ".M...F."
- Enter Time (in 24 hour format) by moving cursor under the left H and pressing two digits to overwrite the existing default of 00. **Note:** Midnight is 00:00. Enter minutes by continuing to enter data or if just updating minutes move the cursor under the left M and enter the two digits to overwrite the existing default of 00. Use **MENU** as right cursor one position.

EXIT EASY PROGRAMMING MENU: This completes the Easy Programming Menu. Press **RESET** to enter Address Program Mode for further programming.

NOTE: IF FOR ANY REASON YOU WISH TO CLEAR ALL PROGRAMMING FROM THE CONTROL PANEL AND RESTART PROGRAM MODE, USE THE FOLLOWING "CLEAR PROGRAM" FUNCTIONS WHILE IN ADDRESS PROGRAM MODE.

2285 XX H

CLEAR DEALER PROGRAM (ERASES DEALER PROGRAM)

WARNING

This function erases the dealer program. Use this feature to clear all system programming and re-start program mode from scratch. All system programming is erased while Scheduled Data and Zone Descriptions are maintained.

- Press **MENU** 2285, then press **ENTER**. Press **RESET** to exit program mode.

2286 XX H

COLD START (ERASES ENTIRE PROGRAM)

WARNING

This function erases the entire program including system programming, Zone Descriptions and Schedules.

- Press **MENU** 2286, then press **ENTER**. Press **RESET** to exit program mode

DIRECT ADDRESS PROGRAMMING

A: SET ALARM OUTPUT TIMEOUT

Go to Address 1414 and enter 10 minutes (010).

1. Press **1** **4** **1** **4** to access Address 1414.
2. Press **0** **1** **0**.
3. Press **MENU** to save.

Alarm Output Timeout (min.)	ADDRESS 1414		
	0	1	0
	[Default = 015]		

B: ENABLE LOW BATTERY REPORT

Go to Address 0841 and enter 5 to enable a global low battery event report. See the chart below.

SYSTEM RESPONSE ACTIVATED BY GLOBAL EVENT/TROUBLE	ADDR	GLOBAL SYSTEM EVENT/TROUBLE							
		TEST TIMER	TELCO FAILURE	RF RCVR. TROUBLE	MEMORY FAILURE	LOW BATTERY	AC FAIL	EZM TAMPER	Bell Superv
		1	2	3	4	5	6	7	8
Report Restore Telco 1	0841					ON			

1. Press **MENU** **0** **8A** **4** **1** to access Address 0841.
2. Press **5** to enable a low battery event report.
3. Press **MENU** to save.

C: ENABLE KEYPAD EVENT REPORTS

Go to Address 0861 and enter 1, 3, 4 to enable reporting for keypad events Ambush and Keypad Panic.

SYSTEM RESPONSE ACTIVATED BY AREA 1 EVENT/TROUBLE	ADDR	AREA 1 SYSTEM EVENT/TROUBLE							
		AMBUSH	KEYPAD PANIC	KEYPAD FIRE	KEYPAD AUX. *	KEYPAD TAMPER	FAIL TO OPEN	FAIL TO CLOSE	Keyfob Low Batt
		1	2	3	4	5	6	7	8
Report Event Telco 1	0861	ON	ON						

1. Press **MENU** **0** **8A** **6** **1** to access Address 0861.
2. Press **1** **3** **4** to enable Ambush and Keypad Panic and disable Keypad Fire and Keypad Aux.
3. Press **MENU** to save.

D: SET KEYPAD OPTIONS

Go to Address 1440 and press 3, 5 to enable keypad options for Keypad Panic and Ambush for each keypad in the system. See the chart below.

Enable Keypad Options	ADDR	ENABLE KEYPAD OPTIONS								
		Keypad Fire	Keypad Aux.*	Keypad Panic	RSRVD	Ambush	Easy Arming	Panel Access	RSRVD	
		1	2	3	4	5	6	7	8	
Keypad 1 Options	1440			ON		ON				
Keypad 2 Options	1441									
Keypad 3 Options	1442									
Keypad 4 Options	1443									
Keypad 5 Options	1444									
Keypad 6 Options	1445									
Keypad 7 Options	1446									

1. Press **MENU** **1** **4** **4** **0** to access Address 1440.
2. Press **3** **5** to disable Keypad Fire and Keypad Aux., and enable Keypad Panic and Ambush options.
3. Repeat for each keypad in the system. Press **MENU** to save.

E: Enable Keypad Set Time/Date Message

Go to Address 2051 and enter 1 to enable the keypad Set Time/Date Message option. See the chart below.

2051	System Options		
Default			Option
OFF	ON	1	Enable Keypad Set Time/Date Message
OFF		2	Enable Cancel Report to Telco 3
OFF		3	Disable [ON/OFF] as Easy Exit
OFF		4	Enable GEM-PRINT Module
OFF		5	RESERVED
OFF		6	RESERVED
OFF		7	Disable System Trouble Audible Timeout
OFF		8	RESERVED

1. Press **MENU** **2** **0** **5** **1** to access Address 2051. Press **1** to enable.
2. Press **SAVE** to save.

F: PROGRAM ZONE RESTORAL

For each zone programmed, enable Alarm Restore Telco 1. See the chart below.

ZONE OPTIONS	ADDR	Z1	Z2	Z3	Z4	Z5	Z6	Z7	Z8	ADDR	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16
		1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
Alarm Restore Telco 1	0926									0990								

ZONE OPTIONS	ADDR	Z17	Z18	Z19	Z20	Z21	Z22	Z23	Z24	ADDR	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32
		1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
Alarm Restore Telco 1	1054									1118								

For example, to enable Alarm Restore Telco 1 for Zone 8:

1. Press **MENU** **0** **9P** **2** **6** to access Address 0926. Press **8A** to enable.
2. Press **SAVE** to save.

OPTIONAL PROGRAMMING

G: SET ZONE OPTIONS

For each fire zone programmed, enable Fire Alarm Verification. See the chart below.

ZONE OPTIONS	ADDR	Z1	Z2	Z3	Z4	Z5	Z6	Z7	Z8	ADDR	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16
		1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
Fire Alarm Verification	0944									1008								

ZONE FEATURES	ADDR	Z17	Z18	Z19	Z20	Z21	Z22	Z23	Z24	ADDR	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32
		1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
Fire Alarm Verification	1072									1136								

For example, to enable Fire Alarm Verification for Zone 8:

1. Press **MENU** **0** **9P** **4** **4** to access Address 0944. Press **8A** to enable.
2. Press **SAVE** to save.

H: PROGRAM ZONES INTO AREA 2

The total number of Zones programmed in Easy Programming Menu question 1 (page 1) will be assigned to Area 1. Use these locations to remove Zones from Area 1 and place them in Area 2. See chart and example below:

ZONE OPTIONS	ADDR	Z1	Z2	Z3	Z4	Z5	Z6	Z7	Z8	ADDR	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16
		1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
Zone Area 1	0936									1000								
Zone Area 2	0937									1001								

ZONE OPTIONS	ADDR	Z17	Z18	Z19	Z20	Z21	Z22	Z23	Z24	ADDR	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32
		1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
Zone Area 1	1064									1128								
Zone Area 2	1065									1129								

For example, to remove Zone 17 from Area 1:

1. Press **MENU** **1** **0** **6** **4** to access Address 1064. Press **1** to remove. Press **SAVE** to save.

To enter the same Zone in Area 2:

2. Press **MENU** **1** **0** **6** **5** to access Address 1065. Press **1** to add. Press **SAVE** to save.

I: SET CENTRAL STATION ZONE REPORTING OPTIONS

All zones default to Burglary. Zones programmed as Fire zones will automatically report as fire zones. All other zone report codes must be changed manually by entering the Address number and selecting the report code for the zone type.

If you selected your fire zones in the Easy Programming Menu (see page 1), and do not have any other zone types as listed below, no further programming is required and this step may be skipped.

ADDRESS 0720-0727							
CONTROL PANEL ZONES REPORT CODE							
ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7	ZONE 8
0720	0721	0722	0723	0724	0725	0726	0727

ADDRESS 0728-0731			
ZONES REPORT CODE			
ZONE 9	ZONE 10	ZONE 11	ZONE 12
0728	0729	0730	0731

ADDRESS 0732-0735			
ZONES REPORT CODE			
ZONE 13	ZONE 14	ZONE 15	ZONE 16
0732	0733	0734	0735

ADDRESS 0736-0739			
ZONES REPORT CODE			
ZONE 17	ZONE 18	ZONE 19	ZONE 20
0736	0737	0738	0739

ADDRESS 0740-0743			
ZONES REPORT CODE			
ZONE 21	ZONE 22	ZONE 23	ZONE 24
0740	0741	0742	0743

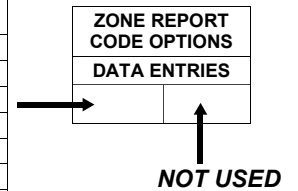
ADDRESS 0744-0747			
ZONES REPORT CODE			
ZONE 25	ZONE 26	ZONE 27	ZONE 28
0744	0745	0746	0747

ADDRESS 0748-0751			
ZONES REPORT CODE			
ZONE 29	ZONE 30	ZONE 31	ZONE 32
0748	0749	0750	0751

For example, to program zone 4 to report a Gas Alarm code:

- Press **MENU** **0** **7F** **2** **3** to access Address 0723.
- Press **7F**
- Press **7F** to save

DATA ENTRIES (LEFT)	MODEM CODE
1	Fire
2	Panic
3	Burglary
4	Hold up
7	Gas Alarm
8	Heat Alarm
0	Auxiliary Alarm
B	24 Hour Auxiliary



J: ENABLE USERS FOR OPEN / CLOSE REPORTING

Enable Users to Report Opening and Closings	ADDR	USERS 1 → 8								ADDR	USERS 9 → 16							
		U1	U2	U3	U4	U5	U6	U7	U8		U9	U10	U11	U12	U13	U14	U15	U16
		1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
Enable Opening Report, Telco 1(A)	0800									0801								
Enable Closing Report, Telco 1(A)	0809									0810								
Enable Opening Report, Telco 3(A)	0818									0819								
Enable Closing Report, Telco 3(A)	0827									0828								

Enable Users to Report Opening and Closings	ADDR	USERS 17 → 24								ADDR	USERS 25 → 32							
		U17	U18	U19	U20	U21	U22	U23	U24		U25	U26	U27	U28	U29	U30	U31	U32
		1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
Enable Opening Report, Telco 1(A)	0802									0803								
Enable Closing Report, Telco 1(A)	0811									0812								
Enable Opening Report, Telco 3(A)	0820									0821								
Enable Closing Report, Telco 3(A)	0829									0830								

Enable Users to Report Opening and Closings	ADDR	USERS 33 → 36								User 33 = Auto Arming/Disarming User 34 = Quickloader Arming/Disarming User 35 = Easy Arming (Opening not applicable) User 36 = Keypress Arming NOTE: These opening events will report as the user number shown. Also, Keyfobs 1-8 (see Easy Menu Program Driven Mode) will report as Users 25-32, respectively.
		U33	U34	U35	U36					
		1	2	3	4	5	6	7	8	
Enable Opening Report, Telco 1(A)	0804									
Enable Closing Report, Telco 1(A)	0813									
Enable Opening Report, Telco 3(A)	0822									
Enable Closing Report, Telco 3(A)	0831									

For example, to enable Users 1 - 8 for Open / Close reporting:

- Press **MENU** **0** **8A** **0** **0** to access Address 0800.
- Press **1** - **8A** to enable Opening reports for User 1 - 8.
- Press **7F** to save.
- Press **MENU** **0** **8A** **0** **9P** to access Address 0809.
- Press **1** - **8A** to enable Closing reports for User 1 - 8. Press **7F** to save.



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