USER MANUAL

FOR MODEL RP208CN

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INDEX

CHAPTER 1- SUMMARY of USER'S COMMANDS

The Summary of User's Commands offers installers and users a quick and convenient way to operate the control panel. All can be done in the disarmed state, and you do not need to enter programming state. For detailed information, please go chapter 2.

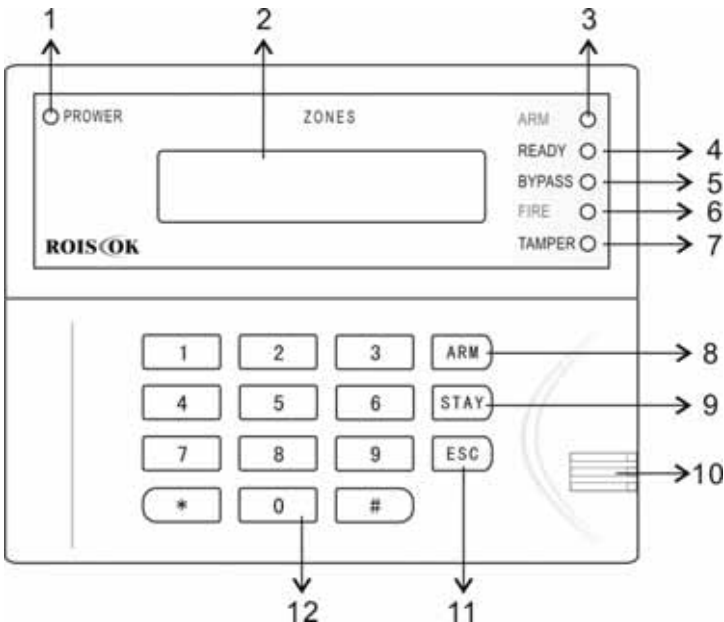| Function	Procedure
Quick arm	[ARM]
Arm by code	[ARM]+[master code]
Arm within zones	[STAY]
Arm within zones by code	[STAY]+[master code]
System disarm	[user code]
Bypass disarm	[duress code]
Free from siren	[user code]
Bypass/un-bypass zone	[*]+[1]+[user code]+[zone number]
Quick bypass/un-bypass zone	[zone]at least 2 seconds
Display trouble	[*]+[3]
Display time	[*]+[4]
Set/change main code	[*]+[5]+[master code]+[0]+[new code]
Set/change a user code	[*]+[5]+master code]+[1-9]+[new code]
Set date	[*]+[6]+[1]+[master code]+[MM][DD][YY]
Set time	[*]+[6]+[2]+[master code]+[H][H][M][M]
Auto arm time	[*]+[6]+[3]+[master code]+[H][H][M][M]
Set follow-me phone no. 1	[*]+[7]+[1]+[master code]+[phone No. 1]+[#]
Set follow-me phone no. 2	[*]+[7]+[2]+[master code]+[phone No. 2]+[#]
Set follow-me phone no. 3	[*]+[7]+[3]+[master code]+[phone No. 3]+[#]
Set follow-me phone no. 4	[*]+[7]+[4]+[master code]+[phone No. 4]+[#]
On/off buzzer	[*]+[8]+[master code]+[1]
On/off door chime	[*]+[8]+[master code]+[2]
Audible kiss-off	[*]+[8]+[master code]+[3]
Display memory	[*]+[9]+[master code]+[enevt number]
Test system	[*]+[0]+[master code]
keypad panic alarm	[1]+[2] at leadt 2 seconds
keypad fire alarm	[4]+[5] at least 2 seconds
keypad special emergency	[7]+[8] at least 2 seconds
Escape	[ESC]

Trouble Table	LCD	Trouble
	Battery Low	The Backup Battery Power is low.
	AC Power	AC Power is lost.
	No Clock	Clock have not been set
	No Communication	The Communication is in trouble.
	No Siren	The Siren connection is in trouble.

CHAPTER 2 – ABOUT THE KEYPAD

RP208KCL (LCD Keypad)

The GUARD8 supports the LCD Keypad. Each control panel can work with four LCD Keypads.

Each keypad in your system reports its status by its LED (lighted) indicators and its LCD display. Through its keys, you can enter commands to Arm and Disarm the system, bypass intrusion zones, report emergencies, stop the siren, checking the trouble display, programming the system and other functions.

(Key on next page)

Fig.1 Layout of the RP208KCL Keypad Instruction

1 Power
2 LCD Display
3 Arm
4 Disarm
5 Bypass
6 Fire
7 Tamper
8 Arm key-press
9 Stay key-press
10 Buzzer
11 Exit/Delete key-press
12 Digit and Function key-press

LED Indication and Keys

1. Power LED

On--The system is operating correctly from commercial (AC) power; and its backup battery is in good condition.

Off--The system is inoperative due to the lack of power (from both commercial AC and backup battery).

Flash-- Indicates a trouble condition.

2. LCD Display

The LCD Display on RP208KCL indicates the status of the system, including each of the zones Triggered, Armed/Disarmed system, Trouble, Time and other programming information. If there is only "Guard8" on the display, this means that all the zones are closed, or are not triggered. When Z1, Z2, Z3, Z4, Z5, Z6, Z7 or Z8 is/are displayed on the display, which means the zone is open or triggered:

Statue	Explanation	
	System Disarmed	System Armed
GUARD8	All the zones are secured and working normally	
Z1	Zone 1 was triggered	An alarm has occurred on Zone1
Z2	Zone 2 was triggered	An alarm has occurred on Zone2
…	…	…
Z8	Zone 8 was triggered	An alarm has occurred on Zone8

3. ARM LED

The ARM LED indicates whether or not the system is armed. In armed condition, the ARM LED is on, in case of any violations, there will be an alarm. The ARM LED is flashing, which means burglary, fire or emergency alarm once has or have occurred in the corresponding zone(s). The ARM LED is off when the system is disarmed.

Statue	EXPLANATION
On	When the system is armed, in case of any emergency, an alarm will occur. The Siren will sound, and system will also dial the follow-me numbers and send alarm report to alarm center.
Off	The system is disarmed.
Flashing	Burglar, fire and/or has/have once occurred.

4. READY LED

The Ready LED indicates whether the system is working normally or not, and also indicates whether system can be armed or not. When disarmed, the LED will be on; when armed, the LED will be off.

STATUS	EXPLANATION
On	All the zones are working normally, so the system can be armed now.
Off	1. Someone is moving in the zone. 2. The system is armed.
Flashing	The system is under the programming status

5. BYPASS LED

The BYPASS LED Indicate that one or more of the system's intrusion zones have been bypassed; See later in this manual for more information.

6. FIRE LED

When in Fire Alarm, the Fire LED will flash.

7. TAMPER LED

When the detector(s) or the keypad is /are tampered or destroyed, a Tamper Code report will be sent and the LED will flash.

8. SYSTEM ARMING [ARM]

When you press the [ARM] key, all the zones will be armed.

9. STAY HOME ARMING [STAY]

Home Arming (or Stay Arming) allows individuals to remain inside and move about the premises even after the system is armed. Stay Arming arms the perimeter detectors (eg. door and windows, lounge), while leaving interior detectors (eg. bedroom motion detectors) disarmed (bypassed). When you press the [STAY] key, the interior or occupied zones will not be armed.

10. EXIT/DELETE [ESC]
Key [ESC] is used for correction in the system operation

11. DIGIT KEYS
When programming, key in 0-9 digits.

12. FUNCTION KEY [*] [#]
When programming, key [*] [#] is for entering function mode and confirmation.

Function and Operation
KEYS AND FUNCTIONS
The Keys can support the following functions:
Enter digit(s) for Arming, Disarming, Panic Alarm, Programming etc.
Enter user's function mode.
Key [ARM] is for Quick Arming and Code Arming. By pressing it, the system will be fully armed.
Key [STAY] is for Quick Stay Arming and Code Stay Arming. By pressing it to arm, only some of the zone will be armed. Each zone can be set as interior zone or external zone. When you use [STAY] for arming, the external zone will be armed and the interior zones will be disarmed.
Under the disarmed status, press [*] to enter user's function mode.
Reference to **CHAPTER 1- SUMMARY of USER'S COMMANDS**

1. Setting/Changing and Deleting User's Code
The default Master Code of the GUARD8 is 1-2-3-4. Unless your alarm installation company has already changed it, to suit your preference. It's best to modify this code to one which is unique and personalised. GUARD8 can have up to 10 Codes, one is Master Code and the other 9 are User's Codes. To change the Master Code, and /or to set up User Codes, follow the steps. Make sure the system is disarmed when setting the code. The User's Codes are only for Arming and Disarming the system
Functions of the Master Code:
Adding, changing and deleting User's Code
Setting Time Clock
Operating and testing
Setting the follow-me numbers
Setting / Changing the master Codes

Step	Operation
1	The system must be disarmed (the ARMED LED will be OFF). Enter the User Functions Mode [*][5]
2	Enter the current 4-digit Master Code: For example, Press [1][2][3][4]
3	Press [0]
4	Enter the new 4-digit code selected will emit a one-second confirming tone. The selected User Code is now in effect. For example, press[5][6][7][8]
5	If successful, the keypad will emit a confirming tone "Beep ". The selected User Code is now in effect.

SETTING/CHANGING 1-9 USER CODES

At times, it may be desirable to completely delete a User Code. Note that it is impossible to delete the Master Code (although it can be changed).

Step	Operation
1	The system must be disarmed. Enter the User Functions Mode [*] and choose Codes [5] Press [*][5]
2	Enter the current 4-digit Master Code: For example, [5][6][7][8]
3	To set/delete the User Code 1, press [1] To set/delete the User Code 2, press [2] To set/delete the User Code 3, press [3] … The other Codes can be set/deleted in the same way.
4	Enter the new User Code: For example, [3][3][5][5]
5	If successful, the keypad will emit a confirming tone "Beep ". The selected User Code is now in effect.

DELETING USER'S CODES

At times, it may be desirable to completely delete a User Code. Note that it is impossible to delete the Master Code (although it can be changed).

Step	Operation
1	The system must be disarmed. Enter the User Functions Mode [*] and choose Codes [5], Press [*][5]
2	Enter the current 4-digit Master Code: [5][6][7][8]
3	To delete the User Code1, press [1] To delete the User Code1, press [2] To delete the User Code1, press [3] … The other Codes can be deleted in the same way.
4	Enter the [#]
5	If successful, the keypad will emit a one-second confirming tone. The selected User Code is now deleted.

2. Setting Date and Time

Set date: [*]+[6]+[1]+[MASTER CODE]+[MM][DD][YY]
Month, Date and Year should all be two digits.
Set time: [*]+[6]+[2]+[MASTER CODE]+[HH][MM]
Use a 24-Hour format. Hour and Minute should be two digits.
For example, if you want to enter 16:28, August 18, 2006, operate as :
[*]+[6]+[1]+[MASTER CODE]+[08][18][06]
[*]+[6]+[2]+[MASTER CODE]+[16] [28]

3. Displaying System Date and Time

Press [*]+[4] to check the system time on LCD keypad. And the format should be:
MM/DD/YY Hour :Minute

4. Setting Follow-me Number

In case of an alarm event, a phone call can be made to one or more predefined phone numbers. There are three different tone types that represent burglary, fire and special emergency alarms.
The Follow-Me function can support four phone numbers for each system. Make sure the numbers are all-correct; then enter [#].

Operate as:

Set Follow-Me Phone NO.1: [*]+[7]+[1]+[MASTER CODE]+Phone NO.1+[#]

Set Follow-Me Phone NO.2: [*]+[7]+[2]+[MASTER CODE]+Phone NO.2+[#]

Set Follow-Me Phone NO.3: [*]+[7]+[2]+[MASTER CODE]+Phone NO.3+[#]

Set Follow-Me Phone NO.4: [*]+[7]+[2]+[MASTER CODE]+Phone NO.4+[#]

5. Quick Arming

GUARD8, can be divided as interior zones and external zones by programming. Zone 7 and Zone 8 are defaulted as interior zone.

Press [ARM], and all the zones will be armed.

Press [STAY], then only the external zones or unoccupied zones will all be armed and the interior zones will be disarmed.

Step	Operation
1	Before you arm your system, all of its zones must either be secured or bypassed .The keypad's READY LED, if lit, indicates that all zones are secured. If the READY LED is not lit, one or more unsecured zone(s) will be display on the LCD.
2	Quick Arming and Code Arming: Quick Armed Armed the system just by pressing [ARM]. Quick Stay Armed Stay Arm just by pressing [STAY].
3	Three short Beep from the keypad when there are some errors in entering. Then re-operate it.
4	When arming the system, there will be one confirmation sound, which means the exit delay begins now. You now leave the premises before the exit delay time is over to avoid false alarm. The exit delay time is defaulted as 30 seconds.

6. Code Arming

Your GUARD8 offers two methods of arming, Quick Arming and Code Arming. It's defaulted as quick arm. If the user requires code arm, it should be set when programming in advance.

When GUARD8 is set as code arm, it can not support [ARM] and [STAY] for quick arming. And it should be operated as: [ARM] + [Master Code], or [STAY] + [Master Code] to arm or stay arm.

7. Bell Squawk on Arming

If selected, Bell Squawk on Arming will produce a brief confirmation "chirp" from the system's external sounder(s) once the system is armed and the Exit Delay expires. If you have a remote control system a confirmation chirp will confirm alarm state.

8. Disarming

GUARD8 can set 10 Codes (4 digits), one Master Code and 9 User Codes. In arming status, simply enter any code of the 10 codes to disarm.

Step	Operation
1	When entering the arming zone, the keypad will "beep" , which means the system is in entry delay status. The entry delay time is defaulted as 30 seconds.
2	Disarming an armed system Before the Entry Delay expires, enter the four digits of your User Code. Or it will alarm. NOTE: If you make a mistake when entering your User Code, the keypad will produce three short beeps and the LCD keypad will display error. If so, press ECS and re-enter the above sequence correctly.

9. On/Off Audible kiss-off

When the system is disarmed.
Press [*]+[8]+[User's Code]+[3] to on/off the buzzer.

10. Duress Disarming

If you are ever coerced to disarm your system, you can comply with the intruder's wishes while sending a silent, duress alarm, to the Central Station. To do so, you must use a special Duress Code.

Which when used, will disarm the system in the regular manner, while simultaneously transmitting a silent alarm to the central station. All 10 codes (including one Master Code and 9 User Codes) can activate the Duress disarming by adding 1 to The last digit of your user codes. Example:
If your code is 1-2-3-4 your duress code is 1-2-3-5
If your user code is 7-8-9-0 your duress code is 7-8-9-1
Note: Under no circumstances must the Duress Code be used haphazardly or without reason. Central Stations, along with Police Departments, treat Duress Codes very seriously and take immediate action.

11. Cutting off Sounder and Stop Auto-dialling

If outside the premises, open an entry door; the keypad(s) will beep indicating that the Entry Delay period has begun. The entry delay is defaulted as 30 seconds.

SILENCING AN ALARM IN PROGRESS

Observe the keypad. If any of the following conditions is evident, an alarm has occurred:

The ARM LED is flashing

Z1,Z2,Z3… are displayed on the LCD

It's best to enter the premises only after police or a security company has investigated and you feel confident that the burglar is no longer on your premises.

Disarming an armed system

Before the Entry expires, enter the four digits of your User Code.

NOTE: If you make a mistake when entering your User Code, the keypad will produce three short beeps and the LCD keypad will display error. If so, press ECS and re-enter the Code.

12. Bypassing/ Un-bypassing a Zone

When an intrusion zone is bypassed, the zone will not be armed when arming. When disarming, all the bypassed zones will be automatically un-bypassed. There are two methods of Bypassing:

Quick Bypassing: It's defaulted that all the zones of GUARD8 can be set as Quick Bypass. Bypass a zone, simply press the corresponding key for or above 2 seconds. For example, to bypass Zone 3, press digit 3 for 2 seconds, then By Pass Z3 will be displayed on the LCD, which means Zone 3 has been bypassed successfully. Use the same way to un-bypass the bypassed zone. When Zone 3 is un-bypassed, Cancel BP Z3 will be displayed on the LCD.

Code Bypassing: If GUARD8 was programmed as code bypassing, then press: [*]+[1]+[Disarming Code]+[Zone No] to bypass the zone. Use the same way to un-bypass the zone.

13. Escape Key [ESC]

Keypad [ESC] is used for correction.

14. Emergency Keys

GUARD8 Keypad (RP208KCL) provides three emergency keys, which can be pushed at anytime, and the police, fire department, or medical emergency assistance is required. Emergency Alarm is defaulted as silence alarm.

Press 1 and 2 simultaneously, and for at least two seconds, will activate a Panic Alarm.(note this is silent and cannot be audible)

Press 4 and 5 simultaneously, and for at least two seconds, will activate a Fire Alarm – This is an audible alarm.

Press 7 and 8 simultaneously, and for at least two seconds, will activate a Medical Emergency if system is monitored.

15. Entry and Exit Delays

Your security system must allow you to enter and leave the premises to give time to arm or disarm the system. A delay period was chosen during your system's installation to provide suitable time to allow for your entry and exit. Entry/Exit Delays can be set by programming, and it's defaulted as 30 seconds.

16. 24-Hour Zone

GUARD8 can support several kinds of zones. All other forms of protection, including fire and 24-hour panic alarms (Ie. police, fire, and medical) are always ready 24hrs to report alarms whether system is armed or not.

17. Trouble Display

When the keypad sends out three short beeps regularly, this indicates the system has a fault. Once the trouble conditions are cleared, the system will restore to normal status and stop beeping. Troubles include Battery Low, AC power, No Clock, No Communication, No Siren etc. Press [*]+[3] to search on the LCD. The troubles displayed as follow:

	LCD	Trouble
	Battery Low	The Backup Battery Power is low.
	AC Power	AC Power is lost.
Trouble Table	No Clock	Clock have not been set
	No Communication	The Communication is in trouble.
	No Siren	The Siren connection is in trouble.

18. Zone Features

GUARD8 has 8 programmable zones. Each zone can be programmed for Entry/Exit Delay Zone, Instant (Intrusion) Zone, Panic Zone, Fire Zone, Tamper Zone, Remote Zone etc .

Entry/Exit Delay Zone: A delay period was setup during your system's installation to provide suitable time to allow for your entry and exit. Exit Delay is the time from pressing the ARM key to exiting the armed zones; Entry Delay is the time from entering the armed zones to DISARM. If the time exceeds the selected entry time, the system will alarm at once.

Instant Intrusion Zone: When it is triggered, the system will alarm instantly.

Panic Zone: Used for panic button, which is 24-Hours Zone

Fire Zone: Used for smoke detector and gas detector, which is 24-Hours Zone

Tamper Zone: Used for connecting with the tamper connector of detector, which is 24-Hours Zone

Remote Zone: Used for connecting with remote receiver, which is 24-Hours Zone

For user's convenience, all GUARD8 zones have been defaulted as following:
Zone 1: Entry/Exit Delay Zone;
Zone 2: Instant (Intrusion) Zone;
Zone 3: Instant (Intrusion) Zone;
Zone 4: Panic Zone;
Zone 5: Fire Zone;
Zone 6: Tamper Zone;
Zone 7: Interior Zone;
Zone 8: Interior Zone;

19. Events History/Memory Logger
You can retrieve events from the events memory logger using the LCD keypad (up to 50 events) including arm, disarm, alarm etc. Events are presented from the last entered to the first registered. The event are listed in chronological order from 1 to 50 using the following codes for identification.

Press: [*]+[9]+[MASTER CODE]+[EVENT No.]

The keypad display format is as follows:

[MM][DD] [HH][MM] [ID CODE] [Zone No. or User No.]

Identification Code:

11   Zone Alarmed
10   Zone Restore
21   Keypad Panic Alarm
22   Keypad Fire Alarm
23   Keypad Medical Emergency
51   User Arm
50   User Disarm
53   Auto Arm

Zone No. or User No.: When the event shows an activation the last code number identifies the activated zone. When the event is for arming or disarming, the last code number identifies the User No.

20. On/Off Door Chime
Assigned to an opening which, when violated during the disarmed state, will cause the system's keypad(s) to beep once. When alarm occurs during armed system only the external sounder will be activated. Enter [*]+[8]+[Master Code]+[2] to turn on/off the door chime.

21. Remote Control System (optional)

If your system has been installed with the remote control option, the following buttons may be used and pre-programmed as per the following table.

When arming or disarming a remote control system, a confirmation chirp will indicate its status, whether it is armed or disarmed.

Button 1   Arm & Disarm
Button 2   Panic Button (if programmed by installer)
Button 3   Garage Door/Gate Control
Button 4   Garage Door/Gate Control

GUARD8 Warranty

ROISCOK Electronics Ltd., Mr Security Ltd, and Affiliates ("Seller") warrant its products to be free from defects in materials and workmanship under normal use for 18 months from the date of production or 12 months from date of installation whichever is sooner. Because the Seller does not install or connect the product and because the product maybe used in conjunction with products not manufactured by Seller, seller cannot guarantee the performance of security system which uses this product. Seller's obligation and liability under this warranty is expressly limited to repairing or replacing, at Sellers option, within a reasonable time after the date of delivery, any product not meeting the specifications.

Seller's obligation under this warranty shall not include any transportation charges, or costs of installation or any liability for direct, indirect or consequential or delay. Seller does not represent that its products may not be compromised or circumvented that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection. Buyer understands that a properly installed and maintained alarm may only reduce the risk of burglary, robbery, fire without warning, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result.

Consequently, Seller shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning. However, if seller is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause of origin, sellers maximum liability shall not exceed the purchase price of the product, which shall be the complete and exclusive remedy against seller.

No employee or representative of Seller is authorised to change this warranty in any way or grant any other warranty. All products should be tested at least once a week.