



ProSYS
Integrated Security Systems

User Guide

**For use with ProSYS 40,
and ProSYS 128**

RTTE Declaration Of Conformity

Hereby, RISCO Group declares that this control panel (RP128MK00UKA, RP140MK00UKA), with wired accessories (including cables) and wireless accessories, is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Compliance Statement

Hereby, RISCO Group declares that the ProSYS series of control panels and accessories are suitable for use in systems designed to comply with PD6662:2004 Security Grade 3, Environmental Class II. (Security Grade 2 when using Wireless accessories).

The ProSYS series of control panels and accessories comply with the relevant parts of the EN50131 series of standards.

The ProSYS series of control panels and accessories comply with DD243:2004

Important Notice

This manual is delivered subject to the following conditions and restrictions:

- ◆ This manual contains proprietary information belonging to RISCO Group. Such information is supplied solely for the purpose of assisting explicitly and properly authorized users of the system.
- ◆ No part of its contents may be used for any other purpose, disclosed to any person or firm or reproduced by any means, electronic or mechanical, without the express prior written permission of RISCO Group.
- ◆ The text and graphics are for the purpose of illustration and reference only. The specifications on which they are based are subject to change without notice.
- ◆ Information in this document is subject to change without notice. Corporate and individual names and data used in examples herein are fictitious unless otherwise noted.

Copyright © 2006 RISCO Group. All rights reserved.

Table of Contents

SUMMARY OF USER COMMANDS	5
CHAPTER 1: INTRODUCTION	7
Operating the System	8
The ProSYS Family	9
CHAPTER 2: YOUR KEYPAD	10
The keypad	10
LED Indicators	10
Power LED	11
Set LED.....	11
Ready LED.....	12
Omit LED	12
Fire LED.....	13
Tamper LED.....	13
Keys	14
Numerical Keys.....	14
Control Keys	14
Emergency Keys.....	15
Function Keys (A, B).....	15
Quick Key Operation.....	16
LCD Status Display	16
LCD Blank Display	16
CHAPTER 3: SETTING AND UNSETTING THE SYSTEM	17
Setting	17
Full Setting	18
Part Setting	20
Partition Setting.....	21
Group Setting.....	23
Quick Setting.....	24
Unsetting	25
Unsetting the System.....	26
Unsetting After an Alarm.....	27
Resetting after an Alarm	28
Partition Unsetting.....	29
Duress Unsetting	30
Disabling a Fire Alarm (Switch Auxiliary)	31
CHAPTER 4: OMITTING A ZONE	32
CHAPTER 5: ACTIVATING PROGRAMMABLE OUTPUTS	34
CHAPTER 6: FOLLOW-ME REPORT	35

CHAPTER 7: USER CODES37
 Defining and Changing User Codes37
 Deleting User Codes39
 User Authority Levels40
CHAPTER 8: VIEWING FAULT CONDITIONS42
CHAPTER 9: DEFINING AND CHANGING SYSTEM TIME AND DATE43
 Defining and Changing System Time.....43
 Defining and Changing System Date43
CHAPTER 10: SCHEDULING WEEKLY PROGRAMS44
 Automatic Setting/Unsetting44
 Defining a PO Activation Program47
 Defining a User Limitation Program49
CHAPTER 11: PROGRAMMING FUNCTION KEYS.....51
CHAPTER 12: PROXIMITY KEYPAD54
 Adding a New Proximity Tag54
 Deleting a Proximity Tag by the User Serial Number56
 Deleting a Proximity Tag by the User Tag57
 Using a Proximity Tag58
CHAPTER 13: COMPLETE MENU OF USER FUNCTIONS.....59
APPENDIX A: SYSTEM FAULTS.....66
APPENDIX B: SYSTEM SOUNDS68
APPENDIX C: SCHEDULING TABLES70
APPENDIX D: TERMS AND DEFINITIONS71
 Warranty.....73

Summary of User Commands

Full Set	Hold the tag close to the keypad's keys -OR- Code> Set
Part Setting	Code> Part Set
Group Setting	Code>A/B/
Partition Full Setting	Hold the tag close to the keypad's keys > Partition No. > Set -OR- Code> Set > Partition No. > Set
Partition Part Setting	Code> Part Set > Partition No. > Part Set
Partition Group Setting	Code>A/B/ > Partition No. > A/B/C/D
System Unset	Hold the tag close to the keypad's keys -OR- Code> #Unset
Partition Unset	Hold the tag close to the keypad's keys > Partition No. > #Unset -OR- Code> #Unset > Partition No. > #Unset
Duress Unset	Duress Code > #Unset
Silence an Alarm	Hold the tag close to the keypad's keys -OR- Code> #Unset
Omit Zones	* >[1]>[1]>[Code] #Unset >[Zone No.]
Activate Output	* >[2]>[1]>[Code] #Unset [PO No.]
Define Follow-Me	* >[2]>[7]>[Code] #Unset

Enable Engineer Installation

* > [2] > [0] > [3] > [Code] > [#]Unset > [#]Part Set
 > [#]Unset

View Fault

* > [3] > [1] > [Code] > [#]Unset

View Alarm Memory

* > [3] > [2] > [Code] > [#]Unset

View Zone Status

* > [3] > [4] > [Code] > [#]Unset

View Event Memory

* > [3] > [5] > [Manager Code] > [#]Unset

Bell/Strobe/Keypad Test

* > [4] > [Code] > [#]Unset > [1]

Zone Testing (Walk Test)

* > [4] > [Grand Master Code] > [#]Unset
 > [0]

Local Chime On/Off

* > [4] > [Code] > [#]Unset > [4]/[3]

Edit User Code

* > [5] > [Code] > [#]Unset > [1]

Edit Time

* > [6] > [Grand Master Code] > [#]Unset
 > [1]

Edit Date

* > [6] > [Grand Master Code] > [#]Unset
 > [2]

Automatic Setting/Unsetting

* > [6] > [Grand Master Code] > [#]Unset
 > [5] > [Schedule No] > [1]

Chapter 1: Introduction

Congratulations on your purchase of RISCO Group's ProSYS Integrated Security System. The ProSYS has been designed to meet PD6662 Grade 3 requirements and suits a wide range of commercial, institutional and residential security applications.

The ProSYS includes the most advanced communication capabilities for dual or triple-path communication to ARC's. It consists of a variety of sensors, detectors, and contacts placed throughout the premises by your engineer. ProSYS is designed to recognize abnormal conditions and inform the system of the status of any protected door, window, hallway, room, or area. The Main Panel, which contains the system's electronics and backup battery, functions in the background. For purposes of security, it is recommended that it be installed out of sight.

You can place a household appliance or premises lighting under the control of the ProSYS, where it can be conveniently turned on and off automatically or by user command from any system keypad, or wireless keyfob, described on page 34.

In addition, the ProSYS supports the following optional RISCO Groups devices:

- ◆ Advanced Communication Module that enables the system to operate over the IP network.
- ◆ GSM/GPRS module which enables the system to communicate over the GSM/GPRS network, and also send or receive SMS commands.
- ◆ Access Control, which enables integrating access control capabilities into your security system.
- ◆ Digital Voice Module which enables you to receive voice messages, operate the system from a remote phone, and listen-in or speak to the premises.

Operating the System

The ProSYS can easily be operated locally or remotely depending on the devices connected to the system.

You can issue commands to the system and in turn, the system will communicate information to you via its display, indicators, voice messages, SMS messages, Email messages and by the sounds it makes.

The ProSYS can be operated in the following ways:

- ◆ Locally through its keypad(s). Using its keys, you can issue commands to your system. In turn, the system can communicate information to you via its display, indicators and sounds it makes.
- ◆ Local operation using wireless key fobs or panic pendants for setting, unsetting send panic alarm or activate outputs.
- ◆ Local operation using Keyswitch for setting and unsetting the system.
- ◆ If your system includes the Voice module, it can provide audible information about system status, and enable any remote, touch-tone (DTMF) telephone to act as a keypad for the system. Upon event occurrence, such as alarm activation, the Voice module informs you of a security situation by calling you and playing a pre-recorded Event announcement, as described in the Voice Module Programming and Operations Manual
- ◆ If your system is equipped with RISCO Group's GSM/GPRS module it can provide information about the system by SMS and enable to operate the system using SMS commands for setting the system, unsetting the system and more. For details information refer to the manual provided with the GSM/GPRS module.
- ◆ Local or remote operation using RISCO Group's upload/Download (UD) software. The UD enables the engineer to program the system, and enables the user to operate the system and to view system status.

The first task to be performed before operating the system is *Defining and Changing User Codes*, as described on page 37.

**NOTE:**

A certified serviceman should perform all repairs and maintenance including replacement of the device battery.

The ProSYS Family


This manual applies for both ProSYS 40 ProSYS 128 panels. The following table, lists the number of features in each type of panel.

Feature	ProSYS 40	ProSYS 128
Total Zones	8 - 40	8 - 128
User Codes	60	99
Programmable Outputs	6 - 38	6 - 70
Follow-Me Destinations	8	16
Maximum Keypads	12	16
Partitions	4	8
Scheduling Weekly Programs	16	32

Chapter 2: Your Keypad

As a security system user, you will perform most operations using the keypad. This section discusses the keypad's visual indicators and the use of its keys.

The keypad's type is **LCD Proximity Keypad**. It has the ability to sense when a proximity key tag is near it thus providing the user with a friendly and easy way to set or unset the security system (Refer to *Chapter 12, Proximity Keypad*, page 54).

Each keypad in the system is assigned to a particular partition, meaning that commands entered in a keypad are implemented only in the partition to which it is assigned. For example, pressing the Quick  on a keypad assigned to partition 1 sets only partition 1.

The keypad

Each keypad in your system reports its status via its 6 LED (lighted) indicators at the left, as described on page 10 or via messages displayed on the LCD. Using its keys, you can enter commands to set and unset the system, omit intrusion zones, report emergencies, and so on, as described in the subsequent chapters of this manual.

LED Indicators

The six LED indicators found at the upper left provide typical system indications, as discussed below. Some indicators have additional functions, which are explained later on.

**NOTE:**

If required, setting the keypad to *Hidden LCD* mode can hide the system status. In this mode, the **Set**, **Ready** and **Omit** LEDs do not function, and the LCD displays **ENTER CODE**: After entering a valid user code, the system displays the *Normal Operation* mode. One minute after the last operation, the system automatically switches to *Hidden LCD* mode.

Power LED

The **Power** LED indicates system operation.

Condition	Description
ON	The system is operating properly from mains (AC) power or while the system is Set.
OFF	The system is inoperative due to lack of power from mains (AC) and battery.
RAPID FLASH	Indicates that mains power is not present for a predefined time (consult your engineer).



NOTE:

Once the system is set, a previously flashing or unlit **Power** LED will light steadily.

Set LED

The **Set** LED indicates whether or not the keypad's intrusion detectors are set.

Condition	Description
ON	The system is fully or partially set.
OFF	The system is fully unset.
SLOW FLASH	The system is in its Exit Delay time period.
RAPID FLASH	Indicates an alarm condition or after unsetting an alarmed system while the display is in <i>Alarm Memory</i> mode. To restore the display to <i>Normal Operation</i> mode, press * .



NOTE:

Your engineer can disable the Set LED indication after a predefined time when the system is set.

Ready LED

The **Ready** LED indicates whether or not the alarm's intrusion zones are secured and ready to be set.

Condition	Description
ON	The system is unset and all the intrusion zones are secure; the system is ready to be set and there are no faults in the system.
OFF	One or more intrusion zones are not secure, and the system is not ready to be set. Before the system can be set, the condition must be rectified.
	-OR-
	For 3 minutes when power is restored to a completely down powered system (if defined by your engineer).
SLOW FLASH	The System is in <i>User Function</i> mode.
QUICK FLASH	There is a system fault.

Omit LED

The **Omit** LED is normally lit when *Part Set* mode is selected.

Condition	Description
ON	At least one intrusion zone is omitted, or <i>Part Set</i> mode or <i>Group Set</i> mode is selected.
OFF	All zones are operating normally and the system is in <i>Set</i> mode.

Fire LED

When lit, the **Fire** LED indicates that the system is experiencing a fire alarm. When flashing, a problem has been detected on the fire circuit, and must be serviced.

Condition	Description
ON	A fire alarm or fire emergency is in progress or has recently occurred.
OFF	All fire zones are operating normally.
FLASHING	A problem has been detected on the fire circuit and it must be serviced.

Tamper LED

The **Tamper** LED indicates that a zone, a keypad, or an external module has been tampered with and requires resetting. In some cases, an Engineer code is required to restore the system to *Normal Operation* mode.

Condition	Description
ON	A zone, keypad, or an external module used by the system has been physically disturbed or tampered with. If unset without fixing the problem, only the sound will be silenced.



NOTE:

The TAMPER LED shall NOT be on during tamper condition when the system is SET.

If programmed by your engineer, resetting the TAMPER LED will require the intervention an engineer.

OFF	There is no tamper alarm in the system.
------------	---

Keys







The keys on the keypad can be used for a variety of functions. Each key is explained below.

Numerical Keys

Numerical keys (0-9) are used to input the numeric codes that may be required for setting, unsetting, and triggering emergency alarms, along with several other special functions.

Control Keys

The functions of the other keys on the keypad vary according to the current mode. The following table lists the functions of the keys in *Normal Operation* mode and when using the **User Functions** menu:

Key	Normal Operation	User Functions
	Activates the <i>User Functions</i> mode.	Exits from the current menu and returns to <i>Normal Operation</i> mode.
	Activates the <i>Full</i> mode, Group Setting and Full Quick Setting.	Changes data.
	Activates the <i>Night Set</i> mode and Night Quick Setting.	Changes data.
	Unsets the system after the user code is entered.	Terminates commands and confirms data to be stored.
	Provides the system status.	Scrolls up a list/moves the cursor to the left.
	Omits zones and provides information on omitted zones (must be pressed after entering a user code).	Scrolls down a list/moves the cursor to the right.

Emergency Keys

Your keypad provides three sets of emergency keys, which can be pressed whenever the police, fire department, or auxiliary assistance is required.




NOTE:

Your engineer should define the operation of the emergency keys.



Panic Emergency



Pressing both  keys simultaneously, and for at least two seconds, will activate a Panic Emergency alarm.



Fire Emergency



Pressing  and  simultaneously, and for at least two seconds, will activate a Fire Emergency alarm.

Auxiliary Emergency



Pressing  and  simultaneously, and for at least two seconds, will activate an Auxiliary Emergency alarm. (Medical)


The annunciation that results during these emergency alarms, along with other system sounds, is described on page 68.

If your system has been programmed to do so, it will communicate any or all of these alarms to the ARC monitoring your installation. System programming also determines whether these emergency alarms will be audible and/or capable of being communicated to the ARC.

Function Keys (A, B)

By default, Function keys are used to set groups of zones, as defined by your engineer and described on page 23. Function keys can also be used to activate a pre-recorded series of commands, as described on page 51.

Quick Key Operation

The Quick Key Operation is a short effective way that helps you to easily operate your system and quickly activate user functions, skipping the user code. For example, to set the system, simply press the  key.



NOTE:

For quick key operation your engineer has to define quick key operation.

LCD Status Display

The LCD status display will vary depending on the number of partitions in your system.

If your system is defined with only one partition, the LCD displays the partition name, time and date.

If your system has 2 or 3 partitions, the LCD displays the system name, date, time and the status of each partition. A status letter represents the partition's status, as follows:


SE: Partition is set	NR: Partition Not Ready	AL: Partition in Alarm
PS: Partition is set in Part set mode	R: Partition Ready	

LCD Blank Display

If defined by your engineer two minutes after the last keypad operation the keypad will be disabled and the following display will appear on the LCD:

Enter code:
_

To release the keypad and return to normal operation mode press:

[CODE] + 



NOTE:

During Blank Display mode the Ready LED indicates a fault in the system.

Chapter 3: Setting and Unsetting the System

Setting

Setting your system enables its intrusion detectors to trigger an alarm when violated.

You can set your system by code setting, in which you need to use your user code, or you can use quick setting (without using a code)



NOTE:
If during code setting you enter a wrong user code, the keypad produces three short beeps. Press [*****] [*****] quickly and re-enter the sequence correctly.

Before setting your system check the Ready LED. If it is lit or flashing, the system is READY to be set. If NOT the system is NOT ready to be set. In this case, secure or omit the violated zone(s), and then proceed

Remember, fire protection and the protection offered by the keypad's emergency keys are always available (if authorised by your engineer)



NOTE:
If defined by your engineer, your system can be defined to for Force setting. This definition sets the system regardless of open zones when using a keyswitch or automatic setting.
Note: Force setting the system results in leaving partition(s) unsecured

Your ProSYS offers the following kinds of settings:

- ◆ **Full**, page 18
- ◆ **Partial**, page 20
- ◆ **Partition**, page 21
- ◆ **Group**, page 23
- ◆ **Quick**, page 24
- ◆ **Blank Disply**, page 24

Full Setting

Full setting prepares *all* of the system's intrusion detectors to trigger an alarm, if violated, and is used when leaving the premises empty.



NOTE:


Before setting the panel all open zones must be closed.

The installation company can program your system to full set using one of the following:

Timed Exit: After entering your code, the alarm system will set after a predefined exit time delay. This will help you to leave via the exit route without interfering with the setting process.



NOTE:

The exit delay time can be extended once, to the time defined by the exit delay, by pressing the  key during the exit delay time.

Final Exit: After entering your code, the system will go to Full Set 10 seconds after the final exit door is closed.

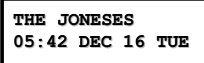

Exit Terminator: After entering your code, the system will go to Full Set 10 seconds after you press the Exit Terminator button (a push button normally mounted outside the premises).

➤ To Full Set:

- 1) Check the **Ready** LED on your keypad. If it is constantly lit, the system is READY to be set.

If the **Ready** LED is not lit the system is not ready to be set. In this case, secure or omit the violated zone(s), as described on page 20, and then proceed.

If the **Ready** LED is flashing, there are faults in the system that need to be confirmed before continuing with the Full SET process. (Ask your engineer if defined.)

- 2)  Hold the tag close to the keypad's keys or
Enter your user code and press .

**NOTE:**

If required, all faults in the system should be confirmed to enable the setting operation. Scroll down the list of fault/s using the **Omit** key. At the end of the list the following question will appear: « OVERIDE FLT? » Use the **Part Set** key to toggle the option to Y and press **#Unset** ..

**NOTE:**

If defined by your engineer press **Set** for quick setting

**NOTE:**

If you make a mistake, the keypad produces three short beeps. If so, press ***** ***** quickly and re-enter the above sequence correctly.

3)

THE JONESES
SET: EXIT = 0:45

All persons are to exit via the authorized exit route.

A continuous sound will sound from the keypad's buzzer and internal sounder. The **Set** LED flashes while the system counts down the Exit Delay time period (shown in the bottom right of the LCD). The exit tone will change if any detectors are violated during exit time.

The system is set when the exit time has expired, on activation of the Final Exit zone or when the Exit Terminator button is pressed.

THE JONESES
SET

The **Set** LED will light and a confirmation message will appear for the time defined by your installation company. After that time the display will return to the partition status display. The strobe will activate for 10 seconds, indicating a successful set of the system (if defined).


**NOTE:**

During the exit time, a zone outside the exit route can prevent setting of the system or can trigger an alarm from the keypad and the internal speaker (as defined by your installation company).

Part Setting

Part Setting activates only perimeter detectors (as programmed by your engineer), enabling individuals to remain inside and move about the premises even after the system is set.

To Part Set:

- 1) Check the Ready LED and make sure that the system is ready for Part (Night) setting.
- 2)  Hold the tag close to the keypad's keys or
Enter your user code and press **Part Set**



NOTE:

If required, all faults in the system should be confirmed to enable the setting operation. Scroll down the list of fault/s using the **Omit** key. At the end of the list the following question will appear: « OVERIDE FLT? » Use the **Part Set** key to toggle the option to Y and press **Unset**..



NOTES:

Press **Part Set** twice to cancel the Entry Delay time period. The display will show a confirmation message "NO Entry Delay".

Press ***** during the Exit Delay time period to silence the beeps from the keypad.

If you make a mistake entering your user code, the keypad produces three short beeps. Press ***** ***** quickly and re-enter the above sequence correctly.

If defined by your engineer press **Part Set** for quick Part setting

- 3)

THE JONESES P. SET: EXIT = 0:45

 If required, leave the premises via the authorized exit route and close the door.

During the Exit Delay time period a continuous sound will sound from the keypad's buzzer, the **Set** LED flashes, and the **Omit** LED lights, indicating that the interior zones are being omitted. The exit tone will change if any detectors are violated during exit time.

If so programmed, the system will be part set when the exit time has expired, on activation of the Final Exit zone or when the Exit Terminator button is pressed.

THE JONESES AT PART SET

When the system is set, the **Set** and **Omit** LEDs will light together with a confirmation message that will appear on the LCD for the time defined by your engineer.

After that time the display will return to the partition status display and the **Power** and **Ready** LEDs light steadily.

The strobe will activate for 10 seconds indicating a successful set of the system (if defined).

Partition Setting

One of the advantages of ProSYS is its ability to divide any system into a number of partitions. Each partition may be viewed as a separate security system, each of which can be set and unset individually regardless of the condition of the other.

Partitions can be set/unset one at a time or all at once, and can be set in Part Set or Full Set.

Keypads and Partitions - Each keypad is assigned to different partition(s). The Grand Master and the Manager (with access to all partitions) can use any keypad to access any partition. Other users can use only designated keypads.

**NOTES:**

Common Zones - Partitioned systems can share common zones. For example, a shared front door to two family houses must be available to both families and is therefore shared between them.

A common zone(s) is set only if all partitions sharing the zone(s) are set. The common zone(s) is unset if any of the partitions, to which the zone(s) is assigned, is unset.

If the system is defined to work in *Area* mode, the common zone will be set if any partition sharing the zone is set. The common zone will be unset if all the partitions sharing the zone are unset.

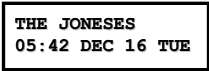
For more information about common zones refer to your engineer.


Setting Multiple Partitions

Only users that have been defined to operate multiple partitions during the system installation can operate more than one partition and set/unset all partitions at once.




➤ To Full Set multiple partitions:

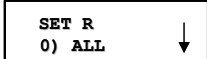
- 1) Check the **Ready** LED status as described on the Full Setting procedure on page 18 and then proceed.

- 2)  Hold the tag close to the keypad's keys or

Enter your user code and press .


**NOTE:**

If required, all faults in the system should be confirmed to enable the setting operation. Scroll down the list of fault/s using the  key. At the end of the list the following question will appear: « OVERIDE FLT? » Use the  key to toggle the option to Y and press .

- 3)  Select the number of the partition you want to set.

-OR-



Select **0** to set ALL partitions.

- 4) Press  to set the selected partition(s).
- 5) Repeat the above steps to set additional partitions.









The partition(s) will be set when the exit time has expired, on activation of the Final Exit zone, or by pressing the Exit Terminator button.



NOTE:

To perform a Part set for a partition use the  key instead of the  key).

Examples:

- ◆ To set partition 3 with code 1234: **1-2-3-4**  **[3]** 
- ◆ To set ALL partitions: **1-2-3-4**  **[0]** 
- ◆ To set partitions 3 and 4: **1-2-3-4**  **[3]** **[4]** 
- ◆ To set partition 3 in *Part Set* mode: **1-2-3-4**  **[3]** 

Group Setting

Group setting enables you to set a number of zones within a partition, using the Function keys. Ask your engineer about defining groups.

➤ **To set a group (if the system has one partition):**

- 1) Enter your code, followed by the Function key corresponding to the group(s) you want to set. The selected group is set.

For example, to set Group A, enter: **[Code] [A]**.

**NOTE:**

If there are faults in the system that need to be confirmed, follow the same procedure described in step 2 of Full Setting, see page 18.

When the group is set, the Set and Omit LEDs will light together with a confirmation message that will appear on the LCD for the time defined by your engineer.

After that time the display will return to the partition status display and the **Power** and **Ready** LEDs light steadily.

- 2) To set another group, repeat step 1.

➤ **To set a group (if your user code is assigned to more than one partition):**

- 1) Enter your user code, then the group letter, then the partition number, and the group letter again.

For example, to set Group A, enter:

[Code] [A] [Partition No] [A].

- 2) To set another group, repeat step 1.

NOTE:

If your system is defined with Quick Setting, press the Function key corresponding to the group(s) you want to set. The selected group(s) is set.

Quick Setting

Quick setting enables you to set the system with the press of a single key.

**NOTES:**

Your engineer should define the Quick Setting feature.

For a system with multiple partitions, only the partition that the keypad is located in will be set for Full Set or Part Set when the **Set** key or **Part Set** key is pressed.

➤ **To quick set using Full setting:**

- ◆ Hold the tag close to the keypad's keys or press **Set**. The system (or partition) is fully set.

➤ **To quick set using Part Set setting:**

- ◆ Hold the tag close to the keypad's keys or press **Part Set**. The system's (or partition's) external detectors are activated.

➤ **To quick set a group:**

- ◆ Press the Function key corresponding to the group(s) you want to set. The selected group(s) is set.



NOTE:

For a system with multiple partitions, the group inside the partition that the keypad is located in will be set.

Setting in Blank Display Mode

To perform setting while the system is in Blank Display mode:

- 1) Release the keypad by pressing **[CODE] + # Unset**
- 2) Within 2 minutes time press:
 - Set** For Full setting.
 - Part Set** For Partial setting.

Unsetting

Unsetting your system deactivates its detectors. Unsetting can be performed from any keypad, using a Keyswitch, a digital key, a wireless button key or automatically, if so defined. Remember, fire protection and the protection offered by the keypad's emergency keys are always available.


Your ProSYS offers the following kinds of unsetting:

- ◆ **Unsetting the System**, below
- ◆ **Unsetting After an Alarm**, page 27
- ◆ **Resetting After an Alarm**, page 28
- ◆ **Partition Unsetting**, page 28
- ◆ **Duress Unsetting**, page 30
- ◆ **Disabling a Fire Alarm**, page 31

Unsetting the System

Unsetting deactivates all detectors in the system.

To unset the system:




- 1) If outside the premises, open an "entry" door. The keypad(s) beeps, indicating that the Entry Delay Time period has begun.
- 2) Before the Entry Delay time period expires, hold the tag close to the keypad's keys or enter your user code and press . An « Unset » message display will appear on the LCD.

NOTE:

If you make a mistake when entering your user code, the keypad will produce three short beeps. If so, re-enter the sequence correctly.

Unsetting After an Alarm

If an alarm has occurred, it will be indicated by the keypad. Once the cause of the alarm has been established the system must be reset.

- **To unset an alarm using a user code:**
- 1) If outside the premises, open an "entry" door. The keypad(s) beeps, indicating that the Entry Delay period has begun.
 - 2) Observe the keypad. If The **Set** LED is flashing, and the display shows the activated partition, an alarm has occurred. Pressing the  key will show the activated partition and zone.
 - 3) Hold the tag close to the keypad's keys or enter your user code and press . If an alarm occurred, the SET LED will flash and the display will show the alarmed zones for the alarm memory period of about 60 seconds. Scroll through the list of alarm zones . To To exit the *Alarm Memory* mode before the timeout has expired, press .
 - 4) Proceed to **"Resetting after an Alarm"**



NOTES:

It is recommended to leave the premises. Only after police investigation should you assume that the burglar is no longer on the premises and safely re-enter.



In special cases (if programmed so during installation), setting the system after an alarm requires a technician code. On the LCD, a **"Call Engineer"** message will appear (see Resetting after an Alarm in the next page).



IMPORTANT:

If the alarm was caused by a tripped smoke detector(s), the keypad's **Fire** LED will remain lit, providing an indication that the fire system must be reset before it will be capable of detecting subsequent alarms. Furthermore, until it is reset, you will be prevented from setting your system.

To reset a smoke detector, press  [2] [2] [user code] .

Press   to exit the *User Functions* mode.

Resetting after an Alarm

Your installation company can define that the reset of the system to a Normal Operation mode will require the intervention of your ARC or engineer. In this case, after an alarm condition, the display will show "Call Engineer" message along with the contacting information as defined by your engineer

Consult your engineer regarding the type of reset mode that your system is set for, Remote Reset or Engineer Reset.



NOTE:

Before attempting to reset your system ensure that the system is unset.

Anti Code Reset

- 1) Pressing on the key while the "Call engineer" display is on will enter you to the Anti Code section. Press to enter the Anti Code option.
- 2) Enter your user code and then press .
- 3) Call your ARC or engineer and quote the "**RANDOM CODE**" displayed on your keypad. The ARC or engineer will give you a return Anti-Code.
- 4) Enter this Anti code followed by and the system will reset.

Engineer Reset

Your Alarm Receiving Center (ARC) or engineer can reset your system remotely or locally.

To enable local reset by your engineer you need to authorize him as follows:

- 1) Press [2][0][3] while the "Call engineer" display is on.
- 2) Enter Grand master, Master or Manager code followed by

.

The following display appears:

Authorise eng. Are you sure? N

- 3) Use the **Part Set** to select **[Y]** and press **# Unset**. A one hour time window is opened for the engineer to program user functions and be able to reset your system locally (Quick key **[*][2][0]4** from the main user menu).

Partition Unsetting

Partition unsetting enables you to unset individual partitions within a set system.

➤ To unset partitions:

- 1) Enter your user code and press **# Unset**.
- 2) Select the partition number (1-8).

-OR-

To unset all partitions at once, select **0**.

-OR-

For an LCD keypad, scroll with the **Status** or the **Omit** key to the required partition (or enter the partition's number).

- 3) Press **# Unset** to confirm. A confirmation message will be displayed for several seconds.
- 4) Repeat the above steps to unset other partitions.

Examples:

- ◆ To unset partition 3 with code 1234: 1-2-3-4 **# Unset** [3] **# Unset**
- ◆ To unset ALL partitions: 1-2-3-4 **# Unset** [0] **# Unset**
- ◆ To unset partitions 3 and 4: 1-2-3-4 **# Unset** [3] [4] **# Unset**



NOTES:

ALL partitions relates to all partitions that are authorized by the *security code* in use.

If the **Set** LED is flashing after unsetting, check the display for activated (armed) zones before proceeding.

Duress Unsetting

If you are ever coerced into unsetting your system, you can comply with the intruder's wishes while sending a silent duress alarm to the Alarm Receiving Centre. To do so, you must use a special duress code, which when used will unset the system in the regular manner, while simultaneously transmitting the duress alarm.

To use a duress code, add 1 to the last digit of your user code, as shown in the table below:


User Code	Duress Code
1-2-3-4	1-2-3-5
5-6-7-8	5-6-7-9
6-7-8-9	6-7-8-0



NOTES:

Under no circumstances should the duress code be used haphazardly or without reason. ARCs, along with Police Departments, treat duress codes very seriously and take immediate action.

➤ To unset using a duress code:

- 1) If outside the premises, open an "entry" door. The keypad(s) beeps, indicating that the Entry Delay time period has begun.
- 2) Enter your duress code and press . The system is unset, and a silent alarm is sent to the Alarm Receiving Centre.

Disabling a Fire Alarm (Switch Auxiliary)

Unsetting the fire alarm interrupts the power supplied to the system's smoke detector(s) for a predetermined interval, thus resetting and "readying" them for subsequent alarms.

**NOTE:**

You may need to perform this procedure several times in order to prevent the smoke detector(s) from re-detecting any remaining smoke.

➤ **To disable the fire alarm:**

- 1)

USER FUNCTIONS: 1) OMIT

 From the **User Functions** menu, select **[2] Activities**.
 - 2)

ACTIVITIES: 1) PROG OUTPUT

 Select **[2] Switch Auxiliary**.
 - 3)

INSERT CODE:

 Enter your user code.
- | |
|-----------------------------------|
| DONE
HIT ANY KEY |
|-----------------------------------|
- The fire alarm is disabled for a predefined amount of time.

Chapter 4: Omitting a Zone

* [1] [1] [CODE]  [Zone No.]

When an intrusion zone is not secured, the keypad's **Ready** LED will not light (unless there is a fault in the system), nor can the system be readily set. If programmed by engineer, you can omit zones in order to set a partition even if a zone within that partition is open/not secured.

You may want to omit a zone when access is needed to one zone in an otherwise protected area, or to cause the system to temporarily circumvent a zone containing damaged wiring until repairs can be made.



WARNING:

An omitted zone may reduce the system's security capability.


Before performing the following procedure, identify the faulty zone(s) as follows:

Enter the view zone status option in location [3][4] and then scroll down with the down arrow key to view all "not ready" zones. The LCD only displays "not ready" zones that belong to the user code that was entered.

➤ To change a zone's omit status:

1)

THE JONESES
05:42 DEC 16 TUE

From the Normal Operation mode, enter your code and press . The **Omit** LED is illuminated.

NOTE:

If you make a mistake when entering your user code, the keypad will produce three short beeps. Re-enter the sequence correctly.

- 2)

OMT Z=001 (CL)N ZONE 001

 Enter the zone number.


Entering the zone number a second time un-omits it (toggle action).

An additional zone(s) can be omitted at the same time by adding its number to the sequence. For example, to omit zones 2 and 13 using code 1234, enter:

1-2-3-4  02 13 

To un-omit zone 2 only using code 1234, enter:



1-2-3-4  02 

- 3) When finished entering zone numbers, press .

NOTES:

Omitting zones is effective for one set only. All zones are automatically un-omitted when the system is set and then unset again.

The **Omit** LED turns off when setting in *Full Set* mode.

Omitting a zone can also be performed from the User Functions menu as follows: Press  [1] [1] [CODE]  [Zone No.]

Chapter 5: Activating Programmable Outputs

* [2] [1] [CODE] [#]Uniset [PO No.]

You can place a household appliance, such as heating, lighting or an external device, under the control of the ProSYS, enabling it to be conveniently turned on and off automatically, or by user commands from any system keypad, SMS, keyfob or by the phone.

There are two types of appliances, each of which behaves differently when activated:

- ◆ **Latched appliance:** Remains activated until it is deactivated.
- ◆ **Pulsed appliance:** Remains activated for a predefined time, after which it is automatically deactivated.

Ask your engineer which of your appliances are defined as latched and which are defined as pulsed.

There are two ways to activate home appliances from the keypad:

- ◆ From the **User Functions** menu press * [2] [1] [CODE] [#]Uniset [PO No.] and activate / deactivate the selected output.
- ◆ Enter a code defined by your engineer that is used only to operate outputs (PO authority level).

Chapter 6: Follow-Me Report

* [2] [7] [CODE] [#]Unset [FM No.]

In the case of an alarm or event, the system can initiate a phone call to a designated telephone or pager, send SMS or send an Email and employ unique tones or messages to express the active event.

Your engineer defines the type of reporting to a follow me destination. Consult your engineer for the possibility to report events by SMS or Email.

➤ To enter/edit a Follow-Me destination:

- 1)

USER FUNCTIONS: 1) OMIT

 From the **User Functions** menu, select **[2] ACTIVITIES**.
- 2)

ACTIVITIES: 1) PROG OUTPUT

 Select **[7] FOLLOW ME**.
- 3)

INSERT CODE:

 Enter your user code and press [#]Unset.
- 4)

SELECT FM: 01) FOLLOW ME 01 â

 Select the FM index number you want to edit.
- 5)

EDIT FM NO: 01

 Enter the phone number or email address.

After entering the phone number or the, two questions are displayed. These questions enable you to define the permission assigned to the designated phone when the Advanced Voice Module is connected to the system. FM phone numbers can also be used for remote operation. Refer to the *Voice Module Programming and Operations Manual* for more information.

- 6)

ENABLE FM NO. 1: REMOTE PROGRAM: N

 Select one of the following options to define the permission:
Y: The user on the FM phone can enter the **Remote Operations** menu and perform set, unset; zone omitting, output

activation, FM phone editing, and remote listen and talk operations.

N: The user on the FM phone cannot enter the **Remote Operations** menu.

7)

ENABLE FM NO. 1: REMOTE LISTEN: N

Select one of the following options to define the permission:

Y: The user on the FM phone can perform remote listen in and talk operations from the **Acknowledgement** menu.

N: The user on the FM phone cannot perform listen and talk operations from the **Acknowledgment** menu. Refer to the *Voice Module Programming and Operations Manual* for more information.

If required, when defining a telephone number (max 32 digits), include the special functions described below to achieve the related effect. You can press the **(Part Set)** or **(Set)** keys to toggle to the required character.

Function	Sequence	Results
Stop dialling and wait for a new dial tone.	* [1]	A
Wait a fixed period before continuing.	* [2]	B
Switch from <i>Pulse</i> to <i>Tone</i> (or from <i>Tone</i> to <i>Pulse</i>).	* [3]	C
Send the DTMF * character.	* [7]	*
Send the DTMF # character.	* [9]	#
Delete numbers from the cursor position.	* [0]	



NOTE:

To delete a number, place the cursor in the first position and press ***** [0].

When you have completed your entry, press **# Unset** to store it.

Chapter 7: User Codes

*** [5] [CODE] [#]Unset [1]**

To perform many of the ProSYS's functions, a security code (often called a user code) must be used.

Each individual using the system is assigned a user code, which, in turn, is linked to an Authority Level. Those with a "higher authority" have access to a greater number of system functions, while those with a "lower authority" are more restricted in what they may do. There are eight different Authority Levels available for users of the ProSYS, as described on page 40.

User codes may have variable lengths up to 6 digits. The ProSYS can support up to 99 user codes (ProSYS 128) or up to 66 user codes (ProSYS 40).

Your ProSYS was given a Grand Master Code of **1-2-3-4-0-0** during manufacturing. Unless your engineer has already changed it to suit your preference, it is best to change this code to one that is unique and personalized. To change the Master Code, and/or define User codes, follow the procedure in the following section.



NOTE:

To define the authority levels refer to your engineer.

Defining and Changing User Codes

*** [5] [CODE] [#]Unset [1]**

The user assigned the Grand Master Authority Level can change all user codes but cannot view the digits in the user codes. Users with other Authority Levels can change only their own codes.

The system must be unset in order to change/edit user codes.

➤ **To change a user code:**

- 1)

USER FUNCTIONS: 1) OMIT

 From the **User Functions** menu, select **[5] Access Code**.
- 2)

INSERT CODE:

 Enter your **6-digit** Master or Grand Master code, and press **#** *Unset*.
- 3)

ACCESS CODE: 1) UPDATE CODES

 Select **[1] Update Code**.
- 4)

CODE 1234 GRAND 00) USER 00

 Enter the two-digit User Index number to which you want to assign a user code.

For example, to assign a user code to user index number **6**, press **[0] [6]**.

NOTES:

In ProSYS 128 systems, the User Index number is from **00** to **98**.
 In ProSYS 40 systems, the User Index number is from **00** to **59**.
 The User Index number **00** belongs to the Grand Master user code.

- 5)

CODE 06, USER ENTER: 0

 Enter a six-digit code and press **#** *Unset*.
- 6)

CODE 06, MSTR ACCEPTED

 If successful, a single confirmation beep is sounded, and a message is displayed. If not, three quick error beeps are sounded.
- 7)

SELECT CODE: 07) 0 USER

 Repeat the above steps for additional codes until complete.
- 8) When all codes have been entered press ***** ***** quickly to reset and exit the **User Functions** menu.

Deleting 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).

The system must be unset in order to delete user codes.

➤ **To delete a user code:**

1) Follow steps 1-3 in the previous procedure.

2)

CODE 1234 GRAND 00) USER 00

 Enter the two-digit User Index number for which the code is to be deleted.

For example, to delete the user code assigned to user index number 6, press **[0] [6]**.

3)

CODE 06, USER ENTER: 6543

 Press **[0]** followed by **# Unset**.

4)

CODE 06, USER ACCEPTED

 If successful, a single confirmation beep is sounded, and a message is displayed. If not, three quick error beeps are sounded.

5)

SELECT CODE: 07) 0 USER

 Repeat the above steps for additional codes until complete.

6) When all required codes have been deleted, press *** *** quickly to reset and exit the **User Functions** menu.

User Authority Levels

* [5] [CODE] # Unset [2]

Each individual using the system is assigned a user code, which, in turn, is linked to an Authority Level. Those with a "higher authority" have access to a greater number of system functions, while those with a "lower authority" are more restricted in what they may do. There are nine different Authority Levels available for users of the ProSYS, as described below.

Level	Description
GRAND MASTER	All operations for all partitions. There is only one Grand Master code in the system, and it is designated as 00 . The Engineer or the Grand Master can change this code.
MANAGER	All operations for all partitions. There is only one Manager code in the system, and it is designated as 01 .
MASTER	All operations for designated partitions only. The user holding the Master code can change the Master code and the codes of all Authority Levels lower than Master. There can be any number of Master codes in the system.
USER SET ONLY	Only basic operations to one or more partitions. Setting one or more partitions. Set Only codes are useful for workers who arrive when the premises are already open but, because they are the last to leave, they are given the responsibility to close the premises.

Level	Description
CLEANER	Used only for one-time setting and unsetting, after which the code is automatically erased and should be redefined. This code is typically used residentially for cleaners, home attendants, and repairmen who must enter the premises before the owner(s) arrive.
UN OMITTABLE	Basic operations to one or more partitions without the ability to omit zones.
GUARD	Typically used to enable a guard to unset the system for a predefined amount of time. After this time, the system is automatically set again.
PO CTRL	Typically used to enable the operation of a device controlled by a Programmable Output (meaning a door and so on). These codes are used only to operate Outputs.

Chapter 8: Viewing Fault Conditions

* [3] [1] [CODE] # Unset

A rapid flashing of the **Ready** LED indicates a fault condition. The following procedure describes how to identify the fault condition. Refer to the table on page 66 for a list of possible fault conditions and their descriptions.

The system must be unset to view fault conditions.

➤ **To view fault conditions:**

- 1)

USER FUNCTIONS: 1) OMIT

 From the **User Functions** menu, select [3] **View**.
- 2)

VIEW 1) FAULT

 Select [1] **Fault**.
- 3)

INSERT CODE:

 Enter your user code and press # Unset. The first fault condition is displayed.
- 4)

FAULT MAIN: LOW BATT ↓

 If an (↓) appears, other faults exist. Scroll down to view additional faults.



NOTE:

In some cases, you may be able to correct faults and restore the system to *Normal Operation* mode yourself. In other cases, your e (or other related services) may be required. When all outstanding faults are resolved, the rapidly flashing **Ready** LED on your keypad(s) lights steadily, and all evidence of the faults is automatically removed from your system.

Chapter 9: Defining and Changing System Time and Date

***** [6] [Grand Master Code] **#** *Unset* [1] / [2]

The correct time and date must be set to ensure proper operation of the ProSYS.

Defining and Changing System Time

The system time is set and changed from the **Set Clocks** menu.

- **To define/change the system time:**
 - 1) From the **User Functions** menu, select **[6] Clocks**.
 - 2) Select **[1] System Time**.
 - 3) Enter the Grand Master code and press **#** *Unset*.
 - 4) Enter the correct time in 24-hour format.

Defining and Changing System Date

The system date is defined and changed from the **Set Clocks** menu.

- **To define/change the system date:**
 - 1) From the **User Functions** menu, select **[6] Clocks**.
 - 2) Select **[2] System Date**.
 - 3) Enter the Grand Master code and press **#** *Unset*.
 - 4) Enter the correct date. Use the **Status** and the **Omit** keys to move the cursor and the **Part Set** key to toggle between the options.

Chapter 10: Scheduling Weekly Programs

* [6] [Grand Master Code] [#]Unset [5]

Scheduling weekly programs enables you to automate some system operations. This is performed by defining up to two time intervals per day, during which the system automatically performs one of the following functions:

- ◆ **Automatic Setting/Unsetting**, below
- ◆ **Automatic PO Activation**, page 47
- ◆ **User Limitation**, page 49

You can define automatic time intervals for every day in the week, or individual days in the week. When performing this procedure, use the data that you prepared in the table provided in *Appendix C: Scheduling Tables*, page 70.

Automatic Setting/Unsetting

A setting program automatically sets and unsets the system at predefined time intervals.

When defining the automatic setting/unsetting program, you need to define the following parameters: **Partition**, **Setting Mode**, **Time**, and **Label**.

➤ To define an automatic setting/unsetting program:

- 1)

USER FUNCTIONS: 1) OMIT

 From the **User Functions** menu, select **[6] Clocks**.
- 2)

INSERT CODE:

 Enter the Grand Master code and press [#]Unset.
- 3)

SET CLOCKS: 1) SYSTEM TIME

 Select **[5] Scheduler**.

- 4)

SCHEDULER: 01) SCHEDULE 01

 Select a program.
- 5)

SCHEDULE 01: 01) SET/UNSET

 Select **[1] Set/Unset**.
- 6)

SET/UNSET S:01 1) PARTITION

 Select **[1] Partition**.
- 7)

P:123456768 S:01 Y-----

 Use the **(Part Set)** key to enter **Y** under each partition that will be automatically set and unset.
- 8)

SET/UNSET S:01 2) SETTING MODE

 Select **[2] Setting Mode**.
- 9)

SETTING MODE:S:01 1) FULL SET

 Select one of the following options:
[1] Full Set: To fully set the system. Proceed to step 11.
[2] Part Set: To set the system's external detectors. Proceed to step 11.
[3] Group: To set groups within the assigned partitions. Proceed to step 10.
- 10)

P.SET=ABCD S:01 - - - - -

 Use the **(Part Set)** key to enter **Y** under each group that will be automatically set and unset.
- 11)

SET/UNSET S:01 3) DATE/TIME

 Select **[3] Date/Time**.
- 12)

SELECT A DAY 1) MONDAY

 Select **[1] Monday**.
-OR-
 Select **[8] All** to set the same time intervals for every day in the week.

- 13)

MON:SET1	S:01
00:00	

 Enter the first time at which the system is set on Monday.
- 14)

MON:UNSET1	S:01
00:00	

 Enter the first time at which the system is unset on Monday.
- 15)

MON:SET2	S:01
00:00	

 Enter the second time at which the system is set on Monday.
- 16)

MON:UNSET2	S:01
00:00	

 Enter the second time at which the system is unset on Monday.

NOTE:

Leave the time at **00:00** if you do not want to perform the automation during the current interval for the current day.

- 17)

SELECT A DAY
1) TUESDAY

 Define intervals for Tuesday and the rest of the week, as described in steps 12-16 above.
- After you have defined the last day or all days in the week, you define a label for the weekly program.
- 18)

SET/UNSET	S:01
4) LABEL	

 Select **[4] Label**.
- 19)

SCHEDULE LABEL:
SCHEDULE 01

 Enter a name for the scheduling program.
- 20)

SCHEDULER:
02) SCHEDULE 02

 Define additional scheduling programs, as required.

Defining a PO Activation Program

A PO (programmable output - home appliance) activation program automatically activates and deactivates POs during your required intervals. In each program, you can define four POs to operate simultaneously.

When defining a PO activation program, you need to define the following parameters: **POs**, **Time Schedule**, **Holiday**, and **Label**.

➤ To define a PO activation program:

- 1)

USER FUNCTIONS: 1) OMIT

 From the **User Functions** menu, select **[6] Clocks**.
- 2)

INSERT CODE:

 Enter the Grand Master code and press **Unset**.
- 3)

SET CLOCKS: 1) SYSTEM TIME

 Select **[5] Scheduler**.
- 4)

SCHEDULER: 01) SCHEDULE 01 ↓

 Select a program, other than those already being used for automatic setting or user limitation.
- 5)

SCHEDULE 02: 1) SET/ UNSET

 Select **[2] PO On/Off**.
- 6)

PO ON/OFF S:02 1) PROG OUTPUTS

 Select **[1] Programmable Outputs**. In this option, you select the PO that will be operated in this scheduling program.

- 7)

PROG OUTPUT S:02
01) OUTPUT 01 N

 Specify whether or not the first PO in the list should be automatically activated by using the *(Part Set)* key to enter one of the following characters at the end of the second line in the LCD:
- Y:** Automatically activated.
- N:** Not automatically activated.
- 8) Specify whether the three remaining POs in the list should be automatically activated by selecting them and following step 7 above.
- 9)

PO ON/OFF S:02
1) PROG OUTPUTS

 Select **[2] Date/Time**
- 10)

SELECT A DAY
1) MONDAY

 Define time windows for the week, as described in step 12 on page 45
- 11)

PO ON/OFF S:02
1) PROG OUTPUTS

 Select **[3] HOLIDAY**. In this option, you define the way in which the group of POs is activated during a holiday period.
- 12)

PO HOLIDAY S:01
YES/NO? N

N: During holidays, POs are activated in the same way as defined in the time windows of the week.
- Y:** POs are activated during the holiday according to the time schedule defined in the next step (holiday definition).

NOTE:

If all the time intervals during the holiday are defined as **00:00**, then the POs are not activated during the holiday.

- 13)

SCHEDULE LABEL: SCHEDULE 03

 Enter a name for the scheduling program.
- 14)

SCHEDULER: 03) SCHEDULE 03

 Define additional weekly programs, as required.

Defining a User Limitation Program

A user limitation program automatically prevents certain users from unsetting the system during specified time intervals. By default, all users of the system operate without this limitation.

When defining a user limitation program, you need to define the following three parameters: **Users**, **Time Schedule**, and **Label**.



NOTE:

By default, all users are not restricted.

➤ To define a user limitation program:

- 1)

USER FUNCTIONS: 1) OMIT

 From the **User Functions** menu, select **[6] Clocks**.
- 2)

INSERT CODE:

 Enter the Grand Master code and press **#Unset**.
- 3)

SET CLOCKS: 1) SYSTEM TIME

 Select **[5] Scheduler**.
- 4)

SCHEDULER: 01) SCHEDULE 01 ↓

 Select a program other than those already being used for automatic setting or PO activation.
- 5)

SCHEDULE 03: 1) SET/ UNSET

 Select **[3] User Limit**.
- 6)

USER LIMIT S:03 1) USER NUMBER

 Select **[1] User Number**.

- 7)

USER LIMIT S:03 01) USER 01 N

 Specify whether or not each user in the list should be automatically restricted from unsetting the system by using the *Part Set* key to enter one of the following characters at the end of the second line in the LCD:

Y: Automatically restricted.
N: Not automatically restricted.
- 8)

USER LIMIT S:03 1) USER NUMBER

 Select **[2] Date/Time**.
- 9)

SELECT A DAY 1) MONDAY

 Define time windows for the week, as described in step 12 on page 45.
- 10)

USER LIMIT S:03 1) USER NUMBER

 Select **[3] Label**.
- 11)

SCHEDULE LABEL: SCHEDULE 03

 Enter a name for the weekly program.
- 12)

SCHEDULER: 04) SCHEDULE 04

 Define additional scheduling programs, as required.

Chapter 11: Programming Function Keys

 [9] [Grand Master Code]  [5]

The ProSYS enables you to record a series of commands and assign them to a Function key. When the Function key is pressed, the recorded commands are executed from beginning to end.








NOTE:

The default function for all Function keys is group setting, as described on page 23.

Before programming a Function key, it is recommended to perform your required series of commands, making a note of every key you press while doing so. These keys will be entered in the form of characters in step 4 of the procedure for programming the Function key.

For example, to set partitions 1 and 2 in a 3-partitioned system, you would press the following keys in step 4:

This example requires the following sequence of characters:

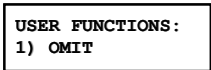


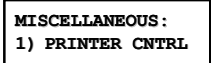
1234a12a



NOTE:

Function keys cannot be programmed to perform unsetting commands.

➤ **To program a Function key:**

- 1)  From the **User Functions** menu, select [9] **Miscellaneous**.
- 2)  Enter the Grand Master code and press .
- 3)  Select [5] **Key Custom**.

- 4)

CHOOSE KEY: 1) KEY A

 The **Choose Key** menu lists the four function keys. Select the function key that you want to program.
- 5)

PRESS A TO START/STOP

 Press **[A]** (or the function key you selected in step 4).
- 6)

KEY A CUSTOM:

 Use the numerical keys or the **Set** key to enter a series of characters representing your required keys, as described on page 53. Each character you enter is displayed in the second line of the LCD.
- 7)

KEY A CUSTOM 1234a12a

 When you have finished entering the series of characters, ensure that the cursor is placed in the field after the last character in the series, and press **[A]** (or the function key you selected in step 4) again. The series of characters is saved and assigned to the selected function key.

NOTE:

When entering characters, ensure that the cursor is placed after the last character. Otherwise, the last character you defined and everything after it will be erased, and the Function key will not perform the required function.

- 8)

ACCESS CODE: 1) UPDATE CODES

 If required, select an additional Function key to program and repeat the above procedure.

Using the Set Key to Program Function Keys

In step 4 of the previous procedure, the **Set** and the **Part Set** keys are used to toggle between and enter characters that represent keys on the ProSYS keypad. The following is a list of these characters and the keys they represent:

Character	Represents
0-9	The Numerical keys from 0 to 9.
A-B	The Function keys from A to B.
S	The Set key.
N	The Part Set key.
a,b	Group A, Group B
*	The * key.
#	The # key.



NOTE:

You can also use the Numerical keys to enter numbers when programming Function keys. Use the **Status** and the **Omit** keys to move the cursor.

When the character is displayed, press **Omit** to move the cursor to the next field in the LCD, where you can enter the next character in the series.

When you have finished entering a series of characters, ensure that the cursor is placed in the field after the last character in the series by pressing **Omit** again.

Chapter 12: Proximity Keypad

The proximity keypad enables you to use a proximity tag to set and unset the security system or to activate and deactivate home appliances and utilities, such as heating and lights.

Proximity tag programming is performed from the **User Functions** menu. When programming a proximity tag, the following three options are available:

- ◆ **(RE)WRITE TAG:** Adds a new proximity tag (described below).
- ◆ **DEL BY USER:** Deletes a proximity tag according to the user serial number, as described on page 56.
- ◆ **DEL BY TAG:** Deletes a proximity tag according to the user tag, as described on page 57.

This section also includes general instructions for using a proximity tag, as described on page 58.



NOTES:

Users can define or delete their individual proximity tags, but the Grand Master can define or delete **any** user's tag.

Each proximity tag can be assigned to only one user.

Adding a New Proximity Tag

You can add a new proximity tag for each user in the system, as required.


To add a new proximity tag:

- 1)

USER FUNCTIONS: 1) OMIT

 From the **User Functions** menu, select **[5] Access Code**.
- 2)

INSERT CODE:

 Enter your user code and press . *(The Unset button is a circle containing a hash symbol # above the word Unset.)*
- 3)

ACCESS CODE: 1) UPDATE CODES

 Select **[5] Prox Tag**.


4)

PROX TAG: 1) (RE)WRITE TAG

 Select [1] (Re) Write Tag.

5)

SELECT USER: 00)0 GRAND

 Select the user to which you want to assign the proximity tag and press .



NOTE:

A display of (****) indicates that a user has already been assigned to a specific proximity tag.

6)

USER XX: APPROACH TAG TO UNIT

 Within 10 seconds, approach the proximity tag at a distance of 3 to 7 cm from the keypad's keys. The keypad automatically reads the proximity tag and saves it into the system's memory.

Once the proximity tag has been successfully recorded, a long confirmation beep sounds, and a confirmation message is displayed.

If the proximity tag is already stored in the system's memory, the following message is displayed: **USER TAG ALREADY IN MEMORY.**



NOTES:

Once a proximity tag is recorded, it will be functional from all keypads.

The programmed proximity tag has the same permissions as are defined for the specified user code.

If a user is defined as having the **Cleaner** security level, then the proximity tag can operate only if a security code was previously defined for that user.

Deleting a Proximity Tag by the User Serial Number

You can use this option to delete a proximity tag for which the user is known.

➤ To delete a proximity tag by user serial number:

- 1)

USER FUNCTIONS: 1) OMIT

 From the **User Functions** menu, select **[5] Access Code**.
- 2)

INSERT CODE:

 Enter your user code and press **#Unset**.
- 3)

ACCESS CODE: 1) UPDATE CODES

 Select **[5] Prox Tag**.
- 4)

PROX TAG: 1) (RE)WRITE TAG

 Select **[2] Del By User**.
- 5)

SELECT USER: 00) 0 GRAND

 Select the user for which you want to delete the proximity tag and press **#Unset**.
- 6)

DELETE ARE YOU SURE? N

 Select **[Y]** or **[N]** by using the **Part Set** key and then pressing **#Unset**. If you select **[Y]**, the following confirmation message is displayed: **USER XX: TAG DELETED**.

Deleting a Proximity Tag by the User Tag

You can use this option to delete a proximity tag for which the user is **not** known.


➤ **To delete a proximity tag by user tag:**

- 1)

USER FUNCTIONS: 1) OMIT

 From the **User Functions** menu, select **[5] Access Code**.
- 2)

INSERT CODE:

 Enter your user code and press . *(Note: The image shows a button with a hash symbol and the word "Unset" below it.)*
- 3)

ACCESS CODE: 1) UPDATE CODES

 Select **[5] Prox Tag**.
- 4)

PROX TAG: 1) (RE)WRITE TAG

 Select **[3] Del By Tag**.
- 5)

APPROACH TAG TO PROX KEYPAD

 Within 10 seconds, approach the proximity tag at a distance of 3 to 7 cm. from the keypad's keys.

If the proximity tag was deleted successfully, the following confirmation message is displayed: **USER TAG XX DELETED**.

If the system does not recognize the proximity tag, the following message is displayed: **TAG NOT DEFINED IN MEMORY**.

Using a Proximity Tag

When using a proximity tag, the following points regarding assigned partitions are relevant:

- ◆ If your user code is assigned to **only one** partition, then the partition will set or unset automatically.
- ◆ If your user code is assigned to **more than one** partition, use the **Status** or the **Omit** keys to select the required partition(s) and press **#Unset**.

➤ **To use a proximity tag:**

- ◆ Hold the proximity tag close to the keypad's keys at a distance of approximately 3 to 7 cm.

Based on your user definitions:

- The partition(s) assigned to your user code are set/unset. (Ask your engineer for the number of partitions that are assigned to your user code.)

-OR-

- The defined device(s) operate(s) (based on its current status).

Chapter 13: Complete Menu of User Functions

Your ProSYS comes with a variety of selectable user functions that become available when you enter the *User Functions* mode. This chapter lists the complete menu of user functions, the most frequently used of which are described in detail in previous chapters of this manual.



To enter the *User Functions* mode, press ***** followed by the *Function Index* or quick key (see the table below) and your user code. For example, to activate Switch Auxiliary, press

***** **2** **2** **[1-2-3-4]** **#** *Unset*.

To exit the *User Functions* mode and return to *Normal Operation* mode, press ***** ***** quickly.

Quick Key	Function	Description
1 Omit		
1	Omit Zones	Provides the ability to omit any of the system's intrusion zones, as described on page 20.
2	Omit Reset	Restores any omitted zones.
3	Omit Recall	Recalls the most recent omitted zone.
2 Activities		
1	Prog. Output	Allows user control of previously designated external devices (e.g. an appliance, a motor-driven garage door), as described on page 34.
2	Switch Auxiliary	Interrupts the power supplied to the system's smoke detector(s) for a predetermined interval, thus resetting and "reaching" them for subsequent alarms, see page 31.
3	Terminate FM	If Follow-Me Phone Number(s) were chosen, their operation can be terminated. Use this function when an alarm has been tripped and there is no need to utilize the Follow-Me phone call.

Quick Key	Function	Description
4	Initiate Call	By initiating a call to your alarm company, this allows them to perform a remote programming operation on your system.
5	Hand Over	Similar in intent to Initiate Call (above), Hand Over allows your alarm company to call you and, during the call, "hand over" to them the control of your security system.
6	Void Rep Prg	For engineer use only. Some protocols have a report code to the ARC for entering and exiting the engineer programming. To avoid the entering report and save time, this function postpones the report for two minutes during which the engineer can enter the programming menu and no report will be made.
7	Follow Me	Allows the entry and/or editing of follow me destinations as telephone numbers, or Email address (See page 35)
8	Enable U/D	Each time this function is enabled, your alarm company may subsequently gain a single remote access to your system to make any required programming changes. Contact your engineer for additional information.
9	Del Rmt Msg	Deletes a message that has been sent to the LCD from the Upload/Download software.
0	More...	
01	Cancel Report	Sends a "Cancel Alarm" report message to the ARC. This function is used if the alarm was activated by mistake.
02	U/D Phone	The Grand Master can temporarily change the 3rd ARC connection. The new number will be valid for 1 hour only. After 1 hour the panel shall revert to the original phone number. When the user is initiating a call to the U/D by using the "INITIATE CALL" user function, the call will use this U/D number.
03	Enable Engineer	This function enables the Grand Master to authorize the engineer to access the Engineer programming menu by opening a time window of 1 hour during

Quick Key	Function	Description
		which he can enter the menu without the Grand Master authorization.
04	Engineer Reset	Enables the engineer to reset an alarm. The option is available only if the user authorized the engineer in location [2][0][3]
05	Overload Restore	The Grand Master/Engineer /Sub-engineer/Manager can use this option to restore the Auxiliary power from a power supply, power (If overload condition is still present, disconnect all loads from AUX. Output)
06	Check Credit	Use this function to receive information by SMS of the credit level in your Prepaid SIM card. The ProSYS will send SMS Credit Level Request message (User menu: Quick Key [4][0][4][1]) to the provider's phone (User menu: Quick Key [4][0][4][2]). Once the SMS is received by the provider, the SIM's credit level is sent back and displayed on the keypad's LCD display or sent to the Follow Me (if defined).
07	Reset SIM	After charging a prepaid SIM card, the user has to reset the SIM Expire Time manually. The time duration for expiration is defined by your engineer.
3 View		
1	Fault	Should be used when the system has detected a problem, which is evident by the rapid flashing of the Ready LED, as described on page 12.
2	Alarm Memory	Allows the viewing of the five most recent alarm conditions stored by the system.
3	Partition Status	Allows the viewing of the partitions' status, the faults in the system and all "not ready" zones. Pressing on the  key from the Normal Operation mode will display the status of the partition to which the keypad is assigned. Pressing the sequence [CODE]  from the Normal Operation mode will display the status of all the partitions assigned to the user code.
4	Zone Status	Allows the display of all system zones and their current status.

Quick Key	Function	Description
5	Event Memory	Allows the viewing of significant system events including date and time. Note: The events memory cannot be erased
6	Service Info	1) Displays any previously entered service information 2) Displays the system software version.
4 Maintenance		
1	Indications	The indication function allows the Grand Master to perform a 3-second test to the following elements in the system: 1) Keypad test: Momentarily tests the keypad indicators and the system's external sounder(s) 2) Speaker – Toggle the internal speaker on/off 3) Bell – Toggles the external bell on/off 4) Strobe – Toggles the strobe on/off
2	Battery Test	Tests the system's standby battery.
3	Local Chime Off	Turns OFF a particular keypad's internal sounder for any function involving the Chime feature.
4	Local Chime On	Turns ON a particular keypad's internal sounder for any function involving the Chime feature.
5	Part. Chime Off	Disables the buzzer for all keypads in the partition for any function involving the Chime feature. The internal speaker will be disabled as well if defined by your engineer.
6	Part. Chime On	Enables the buzzer for all keypads in the partition for any function involving the Chime feature. If defined by your engineer, the internal speaker will be enabled as well.
7	Local Buzzer Off	Turns OFF a particular keypad's internal sounder during both Entry and Exit Delay time periods and all fire and intruder alarms.
8	Local Buzzer On	Turns ON a particular keypad's internal sounder during both Entry and Exit Delay time periods and all fire and intruder alarms.
9	Diagnostics	Enables to performs diagnostics tests to: BUS zones,

Quick Key	Function	Description
		power supply, sounder and GSM/GPRS module.
0	More	
1	Walk Test	Enables the engineer or the Grand Master to easily test and evaluate the operation of selected zones in your system 1. Full walk test: The test will display the detected zones and type of detection. 2. Quick walk test: The test will display the undetected zones.
2	Accessroy Versions	Get the software version of BUS zones, power supply, sounder and GSM/GPRS module.
3	Get ACM IP	To get the IP address, from someone on the premises in order to maintain a proper operation of the ACM module over the network
4	Prepaid SIM	When using Pre-paid SIM cards, these options are used to receive information regarding the SIM card credit level. For detailed information, refer to the manuals supplied with the GSM/GPRS module.
5 Access Code		
1	Update Codes	Sets, changes, and deletes user codes, as described on page 37.
2	Authority	Links user codes with Authority Levels, as described on page 40.
3	Partition	Assigns partitions to users by Grand master.
4	User label	Assigns labels to users (10 characters long). These labels will be presented in the event log.
5	Prox Tag	Assigns user codes to proximity tags, which are used with proximity keypads to set and unset the system, as described in Chapter 54.
6	Dual Code	If defined by your engineer, the system can be configured to be unset only by dual codes, for high security. Up to 16 pairs of codes can be defined. The time between entering the two user codes is 60 seconds. Users with Authority Levels of Cleaner, Set Only and Guard cannot be used to perform the dual Code unsetting.

Quick Key	Function	Description
6 Clocks		
1	System Time	Enables the setting of the system time, as described on page 43.
2	System Date	Enables the setting of the system date, as described on page 43.
3	Next Set	Enables automatic Full set of the system at a specific time within the next 24 hours. Next Set operates for one time only since the system deletes the setting activated with.
4	Next Unset	Enables automatic unset of the system at a specific time within the next 24 hours. Next Unset works for one time only since the system deletes the setting after it is acted upon.
5	Scheduler	Enables you to define a weekly program with up to two time intervals per day, during which the system automatically sets, activates POs, or prevents users from unsetting, as described on page 44.
6	Holiday	Enables you to define up to 20 holiday periods and the partitions that will be set automatically during the holiday.
7 Engineer Prog		
1	Advanced	Accesses the full menu of programming options.
2	Selected	Accesses a limited menu of programming options for the sub-engineer.
NOTE:		
Refer to the <i>ProSYS Installation and Programming Manual</i> for more information about the Engineer Prog functions.		
8 Access Control		
1	Settings	Defines the door mode for each door and the reader criteria for each reader in the system.
2	Time Schedule	Configures the time schedules by which users can access the system.
3	Group Access	Defines access to doors for groups of users during specific time periods.

Quick Key	Function	Description
4	Record Users	Adds Set/Unset users and Entry/Exit users to the system.
5	User Settings	Defines settings for users, including assigning PIN (Personal Identification Number) codes, assigning users to specific access groups, and deleting users.
6	Open Door	Remotely opens any door from any keypad that has previously been defined in the system.

NOTE:

Refer to the *Access Control User's Manual* for more information about the Access Control functions.

9 Miscellaneous

1	Printer Control (to control on-line printing)	1	Printer 1 on	Activates printer 1
		2	Printer 1 off	Deactivates messages to printer 1
		3	Printer 2 on	Activates printer 2
		4	Printer 2 off	Deactivates messages to printer 2
2	Anti-code	Some systems (defined during installation of the systems) are not ready to Set after an alarm or tamper condition. To restore the system to Normal Operation mode, an Engineer code or Anti-code must be entered. Entering the code supplied by the technician at this location will restore the system to the Normal Operation mode. (Refer to page 28.)		
3	Duress Restore	Deactivates a latched PO that has been activated as a result of a duress code being entered.		
4	Voice Msg	Customizes the spoken messages that are announced when the user accesses the system from a remote telephone. Refer to the Voice Module Programming and Operations Manual for more information.		
5	Key Custom	Records a series of commands and assigns them to a function key. For detailed information refer to page 51.		

Appendix A: System Faults

The following table lists few possible fault conditions that might appear in the system. For other faults messages that might appear on your LCD display please refer to your engineer.

Fault	Description	Response
Low Battery	The capacity of the battery is low or missing and needs to be recharged or replaced. Low battery fault can be from the main panel or from power supply expander.	Contact your engineer.
AC FAULT	The mains (AC) power has been interrupted; the system will continue to operate on its standby battery as long as possible. This fault can appear from the main or from power supply expander.	Check the connection of the panel's transformer to its AC source. Verify that power has not been interrupted or switched off.
AUXILIARY FAULT	The panel's auxiliary power, used to supply electric current to designated devices (e.g. motion detectors, keypads, and smoke detectors), has failed.	Contact your engineer.
FALSE CODE P=X	If enabled by your engineer, your system will report a false code as a fault.	Once the fault has been displayed (LCD keypad only), it will automatically be removed from the system.
LINE FAULT	The telephone line used for ARC/Follow Me communication is either disconnected or inoperative.	If all premises' telephones are operating properly, contact your engineer. If not, contact your local telephone company.

Fault	Description	Response
COMM FAULT	A fault has been detected in the wiring supporting system peripherals. The fault message indicates the device with that causes the ault	Contact your engineer.
SYSTEM CLOCK	The system's clock has lost track of the time and/or date.	Define the system's time and date.
TAMPER	A sabotage attempt has been detected in a perepheril device of box.	Contact your engineer
BELL FAULT	A fault has been detected in a bell connected to the main panel or to a power supply expander.	Contact your engineer.

Appendix B: System Sounds

In addition to the visual indications provided by your keypad(s), your system is designed to produce audible annunciation after certain events. Depending on the circumstances, such sounds may be made by your system's keypad(s) or its sounders (e.g. a siren or bell).




NOTE:

If defined by your engineer, the internal bell can follow any of the keypad sounds.

Event	Keypad Sound/	Internal Bell	External Bell
Intruder Alarm	Rapid beeping	Rapid beeping	Rapid beeping
Fire Alarm	Rapid beeping	Rapid beeping	Yes (staggered)
Keypad Police Emergency	No Sound (1)	No Sound (1)	No Sound (1)
Keypad Medical /Special	No sound	No sound	No sound
Setting/Unsetting	No sound	System is set: 1 chirp System Unset: 2 chirp (Key-fob) Unset after alarm: 4 chirps (Keyfob)	System is set: 1 chirp
Entering an Incorrect Code	Three rapid beeps	No sound	No sound
Entry Delay Countdown	Slowly repeating tones every 2 seconds until the Entry Delay time period expires (2)	No sound	No sound
Exit Delay Countdown	Continuous tone during Exit Delay time period (2)	No Sound	No Sound
Open zone during Exit Delay (Out of Exit route)	3 short beeps every 2 seconds	No Sound	No Sound
Correct/Incorrect	A one-second tone	No Sound	No Sound

Data	if completed correctly; three rapid error beeps if incorrect		
Bell Circuit Failure or Fire Loop Fault or Line Fault	Three rapid beeps at 10-second intervals (2,3)	No Sound	No Sound
Chime Sound	2 second buzzer beep (4)		



- NOTES:**
1. Based on decisions made at the time your alarm system was installed this sound may be enabled or disabled
 2. Keypad beeps may be disabled at the user's discretion, see buzzer On/Off on page 62
 3. Press  for two seconds to stop the fault beeps.
 4. Any intrusion zone, if selected for the Chime feature, will, when violated during the unset period, cause the keypad to annunciate the event. The chime can also be disabled when not required.

Appendix C: Scheduling Tables

Use the following table to define each of the weekly programs.

Schedule Program
No: _____

Program Name:

Program Type	Parameter Definitions								
Set / Unset <input type="radio"/>	Partition	1	2	3	4	5	6	7	8
		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
 <input type="radio"/>	Set Mode:			Select Group:					
	<input type="radio"/> Full Set <input type="radio"/> Part Set <input type="radio"/> Group Set			<input type="radio"/> A <input type="radio"/> B					
Prog. Output <input type="radio"/>	1st PO No: _____				3rd PO No: _____				
	2nd PO No: _____				4th PO No: _____				
NOTE: For the PO weekly program, you can define a separate time definition during holiday.									
User Unset Limitation <input type="radio"/>	User #	Name		User #	Name				
	-----	-----		-----	-----				
	-----	-----		-----	-----				
	-----	-----		-----	-----				
NOTE: You can choose any user in the system.									
Day	Start Time 1 HH:MM	Stop Time 1 HH:MM	Start Time 2 HH:MM	Stop Time 2 HH:MM					
Sunday									
Monday									
Tuesday									
Wednesday									
Thursday									
Friday									
Saturday									

Appendix C

Appendix D: Terms and Definitions

Alarm Receiving Centre (ARC): Your system is set up to report alarms to an ARC, which is a facility that continually monitors the activities of many security systems (usually via the telephone network) and dispatches the proper authorities.

Authority Level: Each individual using the system is assigned a user code, which, in turn, is linked to an Authority Level. Users with a "higher authority" have access to a greater number of system functions, while those with a "lower authority" are more restricted in what they may do. There are nine different Authority Levels available for users of the ProSYS, as described on page 40.

Chime: The chime is a series of three short keypad tones, which can be set up to annunciate, during the unset period, the violation of selected intrusion zone(s). For example, the chime tone can be used to annunciate the arrival of a customer each time the front door opens. The chime can be disabled or enabled at your discretion.

Event Memory: A list of system events can be displayed on an LCD keypad or uploaded to the alarm company via the Upload/Download software and printed for further analysis.

Exit/Entry Route: Your security system must incorporate an entry/exit route to allow proper entry and exit to and from the premises without causing inadvertent alarms.

Exit/Entry Delay: Your security system must incorporate an entry/exit delay to allow proper entry and exit to and from the premises without causing inadvertent alarms.

Exit Terminator: A push button normally mounted outside the premises that is used to set the system.

Fault Reporting: If required, your security system may also report to the ARC any faults or malfunctions it senses, so that a service call can be made.

Final Exit: The last door or detector operated by the user on the exit route.

Follow-Me Report: In addition to the standard event reporting to the ARC, the system can send Event messages to a designated system user's telephone or Email.

Group: A number of zones gathered as one unit to allow partial setting. Each zone can be assigned to any one (or a combination) of two groups (A, B). Each partition can be divided into a maximum of two groups.

Keyswitch: Your system may also be equipped with a keyswitch, which is useful for simple setting and unsetting operations (usually at a remote location).

Partition: One of the advantages of ProSYS is its ability to divide any system into a number of partitions. You can think of each partition as a separate security system that can be set and unset individually.

Programmable Output (PO): A household appliance. In addition to your system's normal operation, it is possible to place a household appliance or premises lighting under the control of the ProSYS, enabling it to be turned on and off automatically, or by user command from any system keypad.

Proximity: A technology that enables a keypad to sense when a proximity key tag is near it. This provides an easy and user-friendly way to set or unset the security system.

Scheduler: The system's built-in clock enables scheduling of automatic operations, such as Setting and Unsetting, Output activation, and user limitation.

Tamper: A device that prevents system hardware from being tampered with by triggering an alarm whenever a hardware component is opened.

Upload/Download: Software used by the engineer for programming the ProSYS and by the user for operating the system and viewing system status.

User Code: A four-digit or six-digit code that is used to perform many of the ProSYS functions.

Zone: A single detector, or collection of detectors, usually relating to a certain area of the premises or type of protection. Zones that use devices designed to detect break-ins are called intruder zones. Another kind of zone may contain one or more smoke detectors. Such zones are called fire zones. An environmental zone typically protects the premises from gas leaks and/or flooding.

Warranty

RISCO Group and its subsidiaries and affiliates ("Seller") warrant its products to be free from defects in materials and workmanship under normal use for 24 months from the date of production. Because Seller does not install or connect the product and because the product may be used in conjunction with products not manufactured by the Seller, Seller cannot guarantee the performance of the security system which uses this product. Seller's obligation and liability under this warranty is expressly limited to repairing and replacing, at Sellers option, within a reasonable time after the date of delivery, any product not meeting the specifications. Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose.

In no case shall seller be liable for any consequential or incidental damages for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever.

Seller's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect, or consequential damages or delay.

Seller does not represent that its product may not be compromised or circumvented; that the product will prevent any person; 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 or fire without warning, but is not insurance or a guaranty 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 from under this limited warranty or otherwise, regardless of cause or origin, sellers maximum liability shall not exceed the purchase price of the product, which shall be complete and exclusive remedy against seller.

No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty.

WARNING: This product should be tested at least once a week.