Easy Series/RADION

ICP-EZM2

BOSCH

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1 Safety and Limitations

Not even the most advanced security system can guarantee coverage against burglary, fire, or environmental threats. All security systems are subject to possible compromise or failure-to-warn for a variety of reasons including, but not limited to, the following:

– If sirens or horns are placed outside the hearing range of people in remote areas of the building or in areas that are frequently closed, they do not provide the intended protection.
– If intruders gain access through unprotected points of entry, the system cannot detect their entrance.
– If intruders have the technical means of bypassing or disconnecting all or part of the system, they cannot be detected.
– If the AC power supply is off and the standby battery is either missing or dead, detectors cannot detect intrusion.
– Smoke detectors cannot detect smoke in chimneys, walls, or roofs, or smoke blocked by a closed door. They cannot detect smoke or fire on a level of the building different from the one on which they are located. Smoke detectors might not be able to warn in time about fires started by explosions, improper storage of flammables, overloaded electrical circuits, or other types of hazardous conditions.
– If phone lines are out of service, reports from the security system to the central station cannot be sent. Phone lines are vulnerable to compromise by several means.

Although having a security system can make you eligible for reduced insurance premiums, the system is no substitute for insurance. Warning devices cannot compensate you for loss of life or property.

2   Maintenance

Inadequate maintenance and failure to test are the most common causes of alarm failure. To ensure that all system components work correctly, test your system regularly, and have it inspected according to local code or law.

3   System overview

Refer to the following sections for information on how to use the control center.
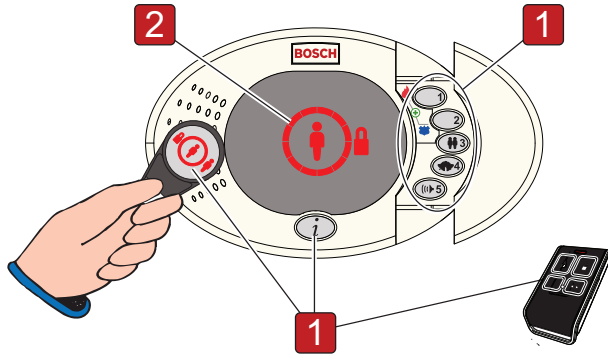
Callout	Reference section
1	Turning the system On and Off
2	Display states
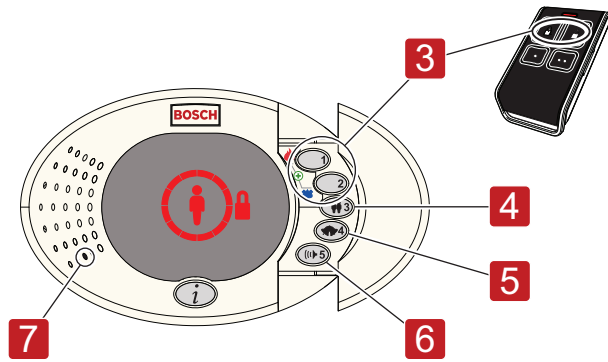
Figure 3.1:

Callout	Reference section
3	Emergency buttons
4	Adding or changing users, tokens, and key fobs
5	Chime mode
6	Volume adjust
7	Audio interface

3.1   Turning the system on or off

Select an option from the table below to turn your system on or off.
Wait for the icon on the control center to turn red and for Exit Delay to start before you leave the building.

Option	Description
	Present token. Follow control center instruction.
	Press [i] button. Follow control center instructions.
	Enter passcode. Follow control center instructions.
	Press 🔒 to turn the system on (unoccupied). Press 🔓 to turn the system off. Refer to *Using the key fob, page 11* for more key fob options.

Invalid passcode entry limit

You have _____ attempts to correctly enter a passcode before the system locks out the control center for _____ minutes.*

* Your alarm company representative sets these values.

3.2   Display states

Refer to the table below for a description of the various system states displayed at the control center.
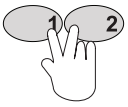
Display	Description
	The system is off. No alarm or trouble conditions exist. You can turn the system on.
	The system is on (occupied).
	The system is on (unoccupied).

Display	Description
	Fire or intrusion alarm occurs when the system is:
	OFF
	ON (occupied)
	ON (unoccupied)
	Exit Delay in progress (system ON-occupied, or system ON-unoccupied). The control center announces the time remaining at designated intervals. Circle segments turn on one at a time to provide a visual status of Exit Delay status. During the last 10 seconds, it sounds a quick beep before the system turns on. You have _____ seconds to exit the building before an alarm occurs.*
	Entry Delay (system ON-occupied, or system ON-unoccupied). The control center sounds a quick beep during Entry Delay. Circle segments turn off one at a time to provide a visual status of Entry Delay status. An alarm occurs if you do not turn the system off in the designated time. Amber display. First half of Entry Delay Red display. Second half of Entry Delay You have _____ seconds to turn the system off before an alarm occurs.*
	There is a system problem. Follow control center instructions.
	One or more points are faulted. Follow control center instructions.
	Too many faulted points.
	Control center test. Icons alternately flash. The control center sounds a quick double beep five minutes before the end of the test.

* Your alarm company sets these time entries.

3.3   Emergency buttons

Your alarm company must activate these buttons in the system before you can use them.
Press and hold the appropriate emergency button for two seconds to start an alarm.

Alarm	Icon	Button to hold	Alarm cadence	Enabled?
Fire			Pulsing	☐
Panic			Steady	☐
Emergency			None	☐
Key fob panic	None		None	☐

3.4   Adding or changing users, tokens, and key fobs
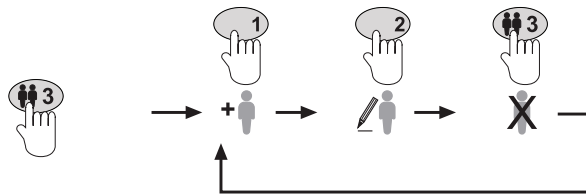
This system supports up to 22 users:
– User 1: Master user. Default passcode is 1234(55)*.
– Users 2 to 21: System users.
– User 22: Duress user. The system sends a Duress report when the Duress user's
  passcode is used to turn the system off. You cannot assign a token or key fob to the
  Duress user. Your alarm company must enable the Duress user.

* The length for all passcodes can be four or six digits depending on system programming.
Follow all control center instructions.
Refer to *Phone menu, page 13* for a complete list of User menu options.

User Authority

Function	Master user	Users 2 to 21
Turn the system on or off	X	X
Start a two-way voice session[1]	X	X
Access the System Maintenance Menu[1]	X	X
Change own passcode	X	X
Access the User Menu[2]	X	

[1] Refer to *Phone menu, page 13* for more information.

² Only the Master User can access the full User Menu. Users 2 to 21 can change only their own passcode. Refer to *Phone menu, page 13* for more information.

3.5   Chime mode

If Chime Mode is on, the control center sounds a tone whenever a perimeter point is faulted and the system is off.
To turn Chime Mode on or off:
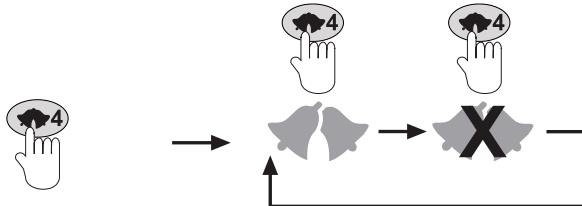
3.6   Volume adjust

To adjust the volume of the control center:
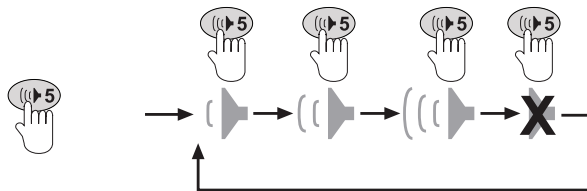
Quiet control center
Exit Delay and Entry Delay tones are silence.

3.7   Audio interface

Speak into this area to talk to someone on the telphone during a two-way voice session.

4   Operation

This section describes additional features of your system.

4.1   Starting a phone session

You can perform several functions with your security system from the house phone or from an outside phone.
Refer to the *Phone Menu* on page 5 for available options.

House Phone

Press [#] three times. The system disconnects the outside phone line and asks you for a passcode.

Outside Phone

1.   Call the premises phone number. If the phone is not answered by a person or telephone answering device, the system answers after a programmed number of rings.
2.   If the call is answered by either a person or a telephone answering device, press [*] three times to disconnect the answering party and access the system.
3.   Enter your passcode when prompted.

4.2   Enable installer access (master user only)

Use this option to grant system access to an alarm company representative.

From the Control Center

Enter the Master User passcode and wait until the system times out (control center display stops flashing).
If using the Master User token, present the token several times until the system announces "Turning the system off."

From the Phone Menu

1.   From the Phone Menu, press [3] to select System Maintenance.
2.   Press [3] to select System Test Menu.
3.   Press [6] to enable installer access.

Disable Installer Access
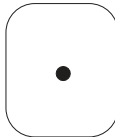
To disable installer access to the system, turn the system on.

☐ My system supports this feature.

4.3   Using the key fob

Key fob button configuration (optional)

Your alarm company representative must complete the table below. Select only one option for each button. Place a check mark in the appropriate box.

	Button assignments	
Button options	●	●●
System status (default)	☐	☐
Turn system on (occupied)	☐	☐
Turn system on (custom)	☐	☐
Turn output on or off	☐	☐
Turn output on for two seconds	☐	☐

Silent panic operation

☐ My system sends a Silent Key Fob Panic report.

5   Phone menu

Before you can access the Phone Menu, you must start a phone session. Refer to *Starting a phone session, page 11* for instructions.

1	**1**	Turn system on and stay inside
	2	Turn system on and leave
	3	Turn on custom protection
		To hear this option, custom protection must be enabled.
Turn System On or Off	**#**	Exit

Only use this option on non-UL systems.

2	**1**	Talk to person at control center
	2	Listen to person at control center
	#	End voice session

The voice session only lasts 90 seconds.
To reset the timer, press [1] on the phone during talk mode, or [2] during listen mode.

Two-Way Voice Session

3	**1**	Set date and time	
	2	Full system test	
	3	System test menu	**1** Warning device test
			2 Battery test
			3 Communication test
			4 Control center test
			5 Point test
			6 Operate outputs **OR** Expert Programming (Enable Installer Access)
			# Exit system test menu

System Maintenance

4	Event history	**1** Most recent events
		2 Events by date
		3 Last alarm event
		4 Last 10 events
		# Exit
5	Reset system	
#	Exit	

1	Add new user	
2	Change user	To add or change a user:
4		
User Menu		
3	Delete user	
#	Exit	

Change token — **1**
Record description — **2**
Change passcode — **3**
Change key fob — **4** → **1** Continue / **2** Try again
Exit — **#**

Only the Master User can access the full User Menu. Users 2 to 21 can only change their own passcode.

5

Operate Outputs

To turn an output on or off, press the corresponding number key on the phone.

#

Exit
End phone session.

Enter user passcode

Phone Menu

6 System Information

6.1 Phone line seizure

Your security system includes a telephone line seizure feature. Your alarm company can program the system to send reports over the phone line to the central station. You cannot use your phone when the system is sending reports to the central station.

If the central station cannot receive reports, your phone service might be unavailable for up to 20 minutes as the system tries to contact the central station.

If your phone service is interrupted, your security system cannot send reports to the central station unless it has another way of sending them.

6.2 Silencing an alarm

If an alarm occurs, the system waits 30 seconds (default) before sending the alarm report to the central station. Your alarm company can adjust the delay time.

To abort the alarm during this delay time, present your token, enter your passcode, or press

🔓 on the key fob The alarm is silenced.

You have _____ seconds to abort an alarm.*

If an alarm occurs and the system sends the Alarm report when the delay time ends, present

your token, enter your passcode, or press 🔓 on the key fob to send an Alarm Cancel report. The alarm is silenced.

You have _____ minutes to send an Alarm Cancel report.*

* Your alarm company sets these time entries.

6.3 Alarm and trouble events

Your system can send up to _____ alarm or trouble events until you turn off the system or reset it.*

* Your alarm company sets this value.

7   Appendices

7.1   EN50131 Compliance

EN50131-1 Security Grade 2, Environmental Class II

Logical key	Number of unique combinations
6-digit passcode*	15,625
Token	42,000,000,000
Key fob	2,800,000,000,000,000

* Only numbers 1 to 5 are allowed.

7.2   User passcode

User 0 = Installer

User	Passcode	Description
1		Master
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		Duress

7.3   Points

A detection device, or group of devices connected to the alarm system. Points show on the control center individually and with custom text. The text can describe a single door, motion sensor, smoke detector, or an area such as UPSTAIRS or GARAGE.

Point 0 = on-board tamper switch input

Point Number	Description		Point Number	Description
1			17	
2			18	
3			19	
4			20	
5			21	
6			22	
7			23	
8			24	
9			25	
10			26	
11			27	
12			28	
13			29	
14			30	
15			31	
16			32	

7.4   Fire safety and evacuation

Residential fire is a leading cause of accidental death. Most fire related deaths occur at night when occupants suffocate in their sleep from smoke and toxic gases, rather than from burns. To help reduce this risk, implement the following program:
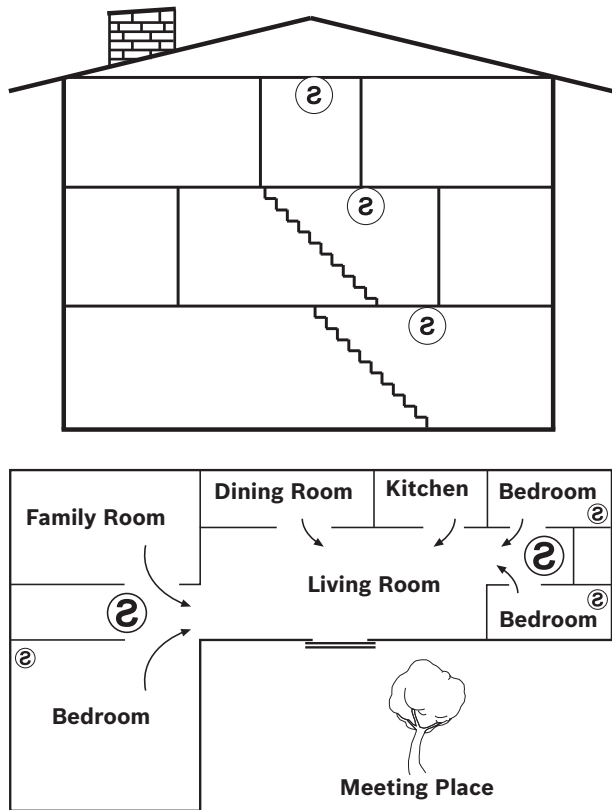
–   Minimize fire hazards. Smoking in bed, cleaning with flammable liquids such as gasoline, leaving children home alone, and using unsafe holiday decorations are some of the common causes of household fire.

–   Install a fire alarm system. The primary purpose of this system is to alert people by giving the earliest possible warning of danger.

–   Install smoke detectors in all locations as identified by local code or law.

–   Make a home escape plan. Draw a map of your home showing all doors and windows. Discuss the plan with everyone in your home.

–   Know at least two ways out of every room, if possible. Make sure all doors and windows leading outside open easily.

–   Have an outside meeting place (like a tree, light pole or mailbox), a safe distance from the home where everyone should meet.

- – Practice your home fire drill at night and during the day with everyone in your home, twice each year.
- – Practice using different ways out.
- – Teach children how to escape on their own in case you can't help them.
- – Close doors behind you as you leave.

If the alarm sounds:

– If the smoke alarm sounds, **get out and stay out.** Never go back inside for people or pets.
– If you have to escape through smoke, **get low and go** under the smoke to your way out.
– Call the fire department from outside your home.