Home Prosafe 1132 GSM

CTC 1132

GB User manual

Art 36.2868

—⋁electia

Table of Contents

Application Overview

I. Identifying the parts

| 7 | ↺ **Key** |

— Programming mode: use this key to delete a digit, cancel the selection, abort the current screen, return to the previous screen, etc.

| 8 | **OK Key** |

— To confirm the keyed-in data or confirm the selection.

| 9 | **# Key** |

— Enter Programming menu

| 10 | **∗ Key** |

— Enter Installer menu.
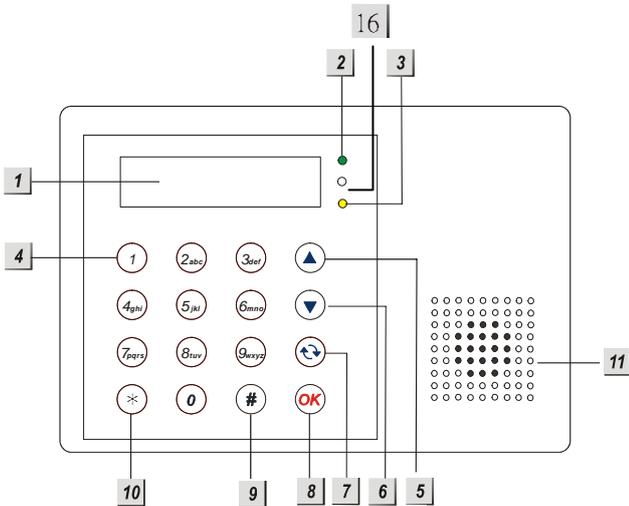
| 11 | **Buzzer** |

| 1 | **Backlit LCD Display** |

| 2 | **Green Power LED** |

— ON: AC Power is On.

— OFF: AC Power failure.

| 3 | **Yellow Fault LED** |

— On: when any fault situation Fault is detected.

— Off: when all fault conditions are restored. (The Unit is in Normal Mode)

| 4 | **Numeric Keys** |

| 5 | ▲ **Key** |

— Programming mode: press this key to move the cursor and scroll the display upwards.

| 6 | ▼ **Key** |

— Programming mode: press this key to move the cursor and scroll the display downwards.

| 12 | **DC jack** |

— DC 9V 500mA power adapter connection.

| 13 | **2 Mounting Holes & Tamper.** |

| 14 | **SIM card holder cover** |

| 15 | **Battery Switch.** |

| 16 | **Microphone.** |

II. Insert GSM SIM Card

CTC-1132 Control Panel features built-in GSM communication facility to make message reporting to the phone numbers pre-programmed within the system.

● **To Insert your SIM card:**

The GSM component is situated inside the Power Supply compartment as pointed out by the arrow below:
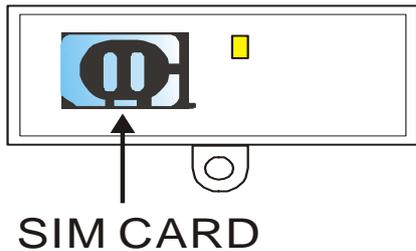
SIM CARD

● Unlock the SIM card base by sliding the cover toward "**OPEN-backward**" direction.

● Spring open the SIM card slot and insert your new SIM card.

● Replace the SIM slot onto the base lightly.

● Remember to lock the SIM card base by sliding the cover toward "**LOCK-forward**" direction.

<IMPORTANT NOTE>

Be aware to only insert or remove SIM card when the Control Panel is completely depleted of any power residual.

Please disable SIM card PIN code before it is inserted.

III. The Power Supply

An AC power adapter is required to connect to a wall outlet. Be sure only to use an adapter with the appropriate AC voltage rating to prevent component damage. A DC 9V output and 500mA adapter is generally used to power the Control Panel.

● **Rechargeable Battery**

● In addition to the adapter, there is a rechargeable battery inside the Control Panel, which serves as a back up in case of a power failure.

● The battery used is a Ni-MH 600mAH 7.2V rechargeable battery.

● During normal operation, the AC power adapter is used to supply power to the Control Panel and at the same time recharge the battery.

● When the battery is fully charged, it can provide back-up power for a period of about 8 hours. It takes approximately 48 hours to fully charge the battery.

<NOTE>

☞ If the AC power is missing and the battery is near exhaustion, a low battery message will be displayed and the internal siren and Backlit feature will be disabled to conserve power.

IV. How to install the Control Panel

1. Locating a suitable position for the Control Panel

● The Control Panel requires mains power and a constant telephone connection,

● The Control Panel should be easily accessible,

● The Control Panel should not be placed in a damp place, such as a bathroom,

● The Control Panel should not be placed close to any heat source, such as microwave ovens, which can reduce signal srength,

● The Control Panel should not ve located alongside other radio transmitting devices such as mobile phones, cordless phone or wireless computer network (WiFi) devices.

> Impontant: When drilling into a wall, ensure that there are no hidden cables or pipes.

2. Mounting the the Control Panel

The Control Panel can be mounted on the wall or wherever desired. Ensure the Control Panel is fitted at approximately chest height where the display can be easily seen and the keypad convenient to operate.

V. 2 – level passwords

In order to provide highest security in operating the system, CTC-1132 offers 2 levels of authorization. That is

- ✓ Personal PIN Code
- ✓ Master Code

A. PIN Code

- There are a total of 4 User PIN Codes per each system. The PIN Code is the 1st level of password. It has the authorization for daily operation, such as
  - ✓ Arm the system
  - ✓ Disarm the system
  - ✓ Enter the Home mode
  - ✓ Partially arm the system (By-pass mode)
  - ✓ Display Fault events
  - ✓ View the Event log
  - ✓ Power Switch

- **"1234"** is set as default User #1 PIN Code by the factory.
- User PIN code #2~#4 are deactivated by factory default

B. Master Code

- The Master Code has the authorization to enter Programming mode. In Programming mode, the following options can be programmed.
  - ✓ Add the device in
  - ✓ Edit the devices
  - ✓ Remove a device
  - ✓ Program the External Siren

- ✓ Edit Power Switch
- ✓ Set Pin Code
- ✓ Set Temporary Code
- ✓ Set Duress Code
- ✓ Set Master Code
- ✓ Set Telephone Numbers
- ✓ Set Messages
- ✓ Set SMS related Features
- ✓ Select Walk Test mode
- ✓ GSM signal
- ✓ SMS Keyword

- **"1111"** is set as default Master Code by the factory.

<u><NOTE></u>

☞ No any two codes can be the same, if so, the message, "**Code in use, Select another**" will be displayed to prompt the user to choose differently .

VI. Getting Started

Step 1. Find a suitable location for the Control Panel to be installed.

Step 2. Apply the AC Power. You will hear a long beep. "**Alarm On**" will be displayed on the first line and "**00:01 01 Jan**" displayed on the second line of the screen indicating the system is in Away mode (this is the default mode)

Step 3. Press " **1** " key on the keypad, the display will show.

		E	n	t	e	r		C	o	d	e				
								✱	.	.	.				

Step 4. Key in the remaining "**234**" (default User1PIN code, 1234) within 30 sec.

Step 5. Press "**OK**". You will hear 2 short beeps and the display will show.

		A	l	a	r	m		O	f	f					
		0	0	:	0	1		0	1		J	a	n		

The system is now in Disarmed mode.

<NOTE>

☞ In Step 4, press " ↻ (cancel) key will clear one previously entered code.

☞ "**OK**" key confirming the entered PIN code should be pressed within 30 sec. Otherwise, the display will go back to "**Alarm On**" and the system remains armed.

☞ During entering PIN code, if more than 20 keys (including "**OK**" & "↻" key) were pressed without a valid PIN code strings, it will inhibit further key presses for 1 minute.

☞ In Step3, if you press a key other than numeric keys, the display will remain the same requesting you to key in "**1234**" (default PIN code) and then press "**OK".**

☞ The Control Panel has "**Screen Save**" function. The "**Alarm off**" message will be displayed for 160 sec. only. Afterwards only current date & time is displayed on the second row line.

Step 6. Please wait for 2 to 3 minutes for the system to read it status. Then, if the yellow LED turns on, it indicates that there is a fault. Press "1234" to enter the user menu within 30 sec.

Step 7. Press "**OK**" and the display will show.

		F	a	u	l	t		D	s	p					
		A	w	a	y		A	r	m						
		H	o	m	e		A	r	m						
		B	y	p	a	s	s								
		L	o	g											
		P	o	w	e	r		S	w	i	t	c	h		

Step 8. Choose "**Fault Dsp**" and press "**OK**"

The following possible Fault will display:

Configuring your system

I. Entering Programming mode

If the system is in Disarmed (Alarm off) mode, to enter the Programming mode, follow the steps below.

Step 1. Press "#" key.

The screen will prompt you to enter

the User1 PIN code.

		P	-	M	o	d	e		E	n	t	e	r		
			P	-	C	o	d	e		.	.	.	.		

Step 2. Key in "**1234**" (default "**User1**" PIN code) within 30 sec. Then, press "**OK**"

The screen will prompt you to enter the Master PIN code.

		P	-	M	o	d	e		E	n	t	e	r		
			M	-	C	o	d	e		.	.	.	.		

<NOTE>

☞ During keying in the PIN code, press "↻" will clear one previously entered code. If the code field is empty, press "↻", the screen will exit and return to "**Alarm Off**" screen.

Step 3. Key in "**1111**" (default "**Master**" Code) within 30 sec.

Step 4. Press "**OK**"

The following message is displayed for 2 sec.

		P	r	o	g	r	a	m		M	e	n	u		
M	a	k	e		a		S	e	l	e	c	t	i	o	n

Step 5. Then the Programming Main menu will be displayed.

O		W	a	l	k		T	e	s	t					
		T	e	l	.	S	e	t	t	i	n	g			v

<NOTE>

☞ The cursor is indicated by a flashing dot on the left upper corner. It can be move up & down by pressing "▲*"* & "▼" key respectively.

Step 6. Press "▲" "▼" keys to move the cursor downward or upward. The screen is also scrolled down or up respectively. The following items can be selected.

✓ Walk Test

✓ Tel. Setting

✓ Gen. Settings.

✓ Spc. Settings

✓ Devices +/-

- ✓ SMS Editor
- ✓ SMS Keyword
- ✓ Country Code
- ✓ GSM Signal
- ✓ Reset GSM

Step 7. After making a selection by moving the cursor to the desired item, press "**OK**" to confirm the selection. The display will show you the individual programming screen accordingly.

<NOTE>

☞ If a down-arrow symbol "**V**" appears on the last column of the screen, it indicates the selection list can be downwards scrolled. If the lowest position is reached, the down-arrow symbol disappears.

☞ If an up-arrow symbol "Λ" appears on the last column of the screen, it indicates the selection list can be upwards scrolled. If the upper position is reached, the up-arrow symbol disappears.

☞ Pressing " ↻ " the screen will also return to "**Alarm Off**" screen.

☞ After User1, 2, 3 & 4 PIN codes and Master code are programmed with new numbers, remember to enter the newly programmed codes when accessing Programming mode afterwards.

☞ In Programming mode, if no key is pressed within 5 minutes, the Control Panel will automatically exit Programming mode to Alarm Off mode.

II. Telephone Settings

In "**Telephone Settings**" menu, the following parameters can be programmed at your discretion.

*	T	e	l	.	N	u	m	b	e	r	s		
	R	e	c	o	r	d		M	s	g			
	T	e	s	t		R	e	p	o	r	t		

1. Telephone Numbers

● In "Tel.Setting" menu, select "Tel Numbers", the screen allows you to set/change/delete the emergency telephone numbers.

● A maximum of six numbers can be stored in priority order (in the order of A. B. … to F).

<NOTE>

☞ A, B,… to F represent the priority number of the six tel. numbers respectively.

☞ If the tel. number for a particular priority number has not been stored, three dots are displayed indicating the memory spot is empty.

☞ Only 11 digits can be displayed on the tel. Numbers list. Non fitting numbers are indicated with after the incomplete number.

● **Store Tel. Numbers**

Step 1. Move the curser to the "**Tel. Number**" submenu and press "**OK**".

The display will show the following screen when no tel. number has been entered:

*		A	)	.	.	.								
		B	)	.	.	.								
		C	)	.	.	.								
		D	)	.	.	.								
		E	)	.	.	.								
		F	)	.	.	.								

Step 2. Choose from "A" to "F" sets to store your phone number. Then press "**OK**".

<NOTE>

☞ **The phone number "A" must be entered, or the Panel will not dial out at the Alarm situation.**

The following screen will be shown for you to enter the phone number.

E	n	t	e	r		n	e	w		N	o	.	+	O	K
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Step 3. Key in your phone number.

Step 4. Press "**OK**"

The screen will then prompt you to choose:

*		V	o	i	c	e		R	e	p	o	r	t		
		S	M	S		r	e	p	o	r	t				

<NOTE>

Voice Reporting: For an alarm event, the reporitng is done via playing voice messages. Available ones are: Burglar, Medical Emergency, Fire and Panic to the phone numbers programmed at this step.

SMS Reporting: For an alarm event, the reporting is done via sending pre-edited SMS messages to the mobile phone numbers programmed at this step.

Step 5. Select a preferred reporting style and press "**OK**", The screen will return to the "**Tel. Number**" screen to show you the stored phone number with a letter V indicting it's a Voice report style and a letter S for SMS report style.

*		A	)	2	2	1	8	0	5	5	1		V		
		B	)	2	6	9	4	0	6	3	3		S		

<NOTE>

☞ The maximum length of a number is 20 digits including "✱" & "#". If this length is reached, the Control Panel will sound 5 beeps and no key can be keyed in except " ↰ " key and "**OK**" key.

☞ During entering the number, the " ↰ " key is used as backspace. However, if the number field is empty, pressing the " ↰ " key, the screen will return to "**Tel. Numbers**" screen.

☞ During entering the number, when the 15th position is reached, non-fitting numbers will scroll sideward to the left.

● **Change Tel. Numbers**

Step 1. On the "**Tel. Number**" screen. Press "**OK**".

Step 2. The following screen will be displayed for you to confirm if you really want to change.

		C	h	a	n	g	e		N	u	m	b	e	r	
2	2	1	8	0	5	5	1				?	(	O	k	)

Step 3. Press "**OK**" to confirm. The following screen will be displayed for you to enter the new number.

E	n	t	e	r		n	e	w		N	o	.	+	O	k
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

<NOTE>

☞ Press " ↰ " to abort and the screen returns to "**Tel. Number**" screen.

Step 4. Key in the new number and choose a preferred reporting method.

Step 5. Press "**OK**"

The new number will then override the previous one. The screen returns to "**Tel. Number**" screen.

● **Delete Tel. Numbers**

To delete a telephone number, follow the Step 1 to Step 3 of "**Changing Tel. Number**" described above, and when "**Enter new No.**" prompt screen is displayed.

E	n	t	e	r		n	e	w		N	o	.	+	O	k
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Step 4. Press "**OK**", then the previous stored number will be deleted.

2. Message Menu

● This menu is for you to record and play the emergency messages.

		R	e	c	o	r	d		M	s	g				
		T	e	s	t		r	e	p	o	r	t			

● With a total capacity of 20 sec, you are allowed to record the emergency messages in 5 parts.

- Address message – 8 sec.
- Burglar message – 3 sec.
- Fire message - 3 sec.
- Panic message - 3 sec.
- Emergency message - 3 sec.

<IMPORTANT NOTE>

☞ **The "Address message" must be recorded, or the Panel will not dial out at the Alarm situation.**

● In an emergency, the Control Panel will dial the emergency phone numbers according to the priority order, then first play the Address message and then play the specific part message (Burglar, Fire, Panic and Emergency) according to the nature of the alarm raised.

● **Recording the messages**

When the "**Record Msg.**" is selected, the following "**Recording Selection**" menu is displayed for you to select which part of the message is to be recorded.

		R	e	c	.	A	d	d	r	e	s	s			
		R	e	c	.	S	p	e	c	i	f	i	c		
		S	t	o	p										

● **Recording Address message**

Step 1. Move the cursor to select "**Rec. Address**" and then press "**OK**", the screen will ask you to confirm.

			C	h	a	n	g	e							
A	d	d	r	e	s	s		M	s	g			+	O	k

Step 2. Press " ↰ " to abort. Or press "**OK**" to confirm. A prompt Message will be displayed for 2 sec.

S	t	a	r	t		R	e	c	o	r	d	i	n	g	
	A	f	t	e	r		t	h	e		B	e	e	p	

Step 3. After 2 sec, the Control Panel will sound a long beep, the following prompt message will be displayed, and recording can be started.

*	N	o	w		R	e	c	o	r	d	i	n	g		*
		E	n	d		w	i	t	h		O	k			

Step 4. Press "**OK**" to end the message; the screen will go to "**Specific Part Selection**" menu to allow you to select a specific part to be recorded.

<NOTE>

☞ To end recoridng at any time, press "↰ " and the message will be saved as it is. The screen returns to "**Recording**

Selection" menu.

☞ The maximum length of Address message is 8 sec. When the 8 sec duration is over, recording will be stopped automatically. The message being recorded will be saved.

☞ When recording, make sure you are facing the microphone and are within 30 cm infront of it.

● **Recording Specific Alarm messages**

■ If "**Rec. Specific**" is chosen, the specific alarm message selection menu is displayed for you to select the desired one.

		B	u	r	g	l	a	r		M	s	g			
		F	i	r	e		M	s	g						

		P	A		M	s	g								
		E	m	e	r	g	e	n	.	M	s	g			
		S	t	o	p										

■ Selection a specific message and follow the same procedure as those for recording Address message to record each specific message respectively.

<NOTE>

☞ The message length for each specific message is 3 sec only.

● **Changing a message**

If for any reason, you want to change any part of the recorded message, just follow the same procedure to record a new message for that part. The new message will override the previous one.

● **Test Report**

Control unit allows you to test whether telephone function is working properly or not with the pre-set telephone numbers.

Step 1: Using "**V**" or "Λ" cursors to select the test-call number to test dial. Press "**OK**" to confirm.

Step 2: Following screen will appear:

D	i	a	l	i	n	g	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Step 3: Panel will show what messages are being played. The word prompt will shows the following:

> **"Now Playing:**
> **Address Msg**
> **Emergen. Msg**
> **PA. Msg**
> **Fire Msg.**
> **Burglar   Msg**

When the last message is played to the recipient and the recipient can confirm their reception & open the listen-in by pressing **DTMF (#1) or** end the call by pressing **DTMF (#9)** or **(#0).**

◆ Acknowledging with signal 1

The recipient can press "**1**" to acknowledge the call and also initiate a One-Way Listen-In Channel for 2 minutes. This channel allows the recipient to listen in to what is happening to the other side of the line.

During the Listen-in period the CTC-1132 will sound one audible beep via the telephone handset signaling 20 secs time remaining alerts to the call Recipient.

Press **DTMF 1** can extend another 2 mins

If the Listen-in period expires without DTMF command press, the call will automatically hang-up

◆ Acknowledging with signal 0

If the recipient presses **(0)** on his phone set as the acknowledging signal. The Control Panel will then take the following actions.

✓ The Control Panel will go back on-hook.

✓ The Control Panel will continue Alarming.

✓ The Control Panel will try to dial the

   phone numbers of the next priorities until

   two recipients have acknowledged the call.

◆ Acknowledging with signal 9

If the recipient presses **(9)** on his phone set as the acknowledging signal, the following will happen:

✓ The Control Panel will go back on-hook.

✓ The Control Panel will stop alarming and

   stop dialing.

<u>*<NOTE>*</u>

☞ Messages will be played in the following order: Address, Emergency Panic ,Fire & Burglar message.

☞ Until the recipient acknowledges and confirms acknowledgement on his or her phone, the control unit will play the message for 85 sec. before returning to selection menu.

☞ Pressing " ↻ " will return you to the menu with the list of numbers.

☞ If the Burglar message, Emergency Message, Panic message or Fire message has not been recorded, when you do the Test Report, it will be ignored.

● **Changing a message**

If for any reason, you want to change any part of the recorded message, just follow the same procedure to record a new message for that part. The new message will override the previous one.

III. General Settings

In "**General Settings**" menu, the following parameters can be programmed at your discretion.

*	P	i	n		C	o	d	e					
	T	e	mp	.	C	o	d	e					
	D	u	r	e	s	s		C	o	d	e		
	M	a	s	t	e	r		C	o	d	e		
	A	.	E	n	t	r	y		T	i	me		
	A	.	E	x	i	t		T	i	me			
	H	.	E	n	t	r	y		T	i	me		
	H	.	E	x	i	t		T	i	me			
	D	o	o	r		C	h	i	me				
	T	i	me										
	D	a	t	e									
	P	a	n	e	l		S	i	r	e	n		
	L	a	n	g	u	a	g	e					

1. Pin Code

- There are 4 User Pin Code in total, and each consists of 4 digits. User PIN code #1 is activated with "**1234**" as factory default. Before you set your own User PIN Code #1, "**1234**" has to be keyed in every time "**Entering Code**" is required.

- User PIN code #2~#4 are deactivated by factory default.

- **All 4 User Pin Codes** are used to regularly arm/disarm the system and are allowed to access the Programming mode accompanied with the Master Code.

- **To set your own PIN code**

Step 1. Move the cursor to the item "**Pin Code**" then press "**OK**" the following screen is displayed.

*		1	)	✳	✳	✳	✳						
		2	)	.	.	.	.						
		3	)	.	.	.	.						
		4	)	.	.	.	.						

Step 2. Move the cursor to the desired # of **User Pin Code**" then press "**OK**" the following screen is displayed.

	E	n	t	e	r		N	e	w		C	o	d	e	
												.	.	.	.

Step 3. You can key in your preferred 4-digit number then press "**OK**".

Step 4. The following screen will be displayed.

	R	e	p	e	a	t		N	e	w		C	o	d	e	
													.	.	.	.

You are requested to enter the same code again (as the one entered in Step 3)

Step 5. Key in the same code again, then press "**OK**". If the code is correct, the following screen will ask you to enter the user's name for reference:

	E	n	t	e	r		N	e	w		N	a	me		
.	.	.	.	.	.	.	.	.					+	O	k

Step 6. You are now invited to give a name for

this User who will be using this newly programmed code to help better understand system events. You can enter up to 10 letters as you want for the name followed by press "**OK**" or just press "**OK**" for no name. Please see section "**User Naming**" for details. Then, the screen returns to the "**PIN Code**" menu showing post-programmed status of each User PIN code:

*		1	)	M	R	.		S	M	I	T	H			
		2	)	M	R	S	.		S	M	I	T	H		
		3	)	✳	✳	✳	✳	✳	✳						
		4	)	.	.	.	.								

<NOTE>

- ☞ **2)** "**MRS. SMITH**" representing the User #2 PIN code is set up and user name specified.

- ☞ **3)** "✳✳✳✳" representing this User #3 code is programmed without user name specified.

- ☞ **4)** "●●●●" representing the User #4 code is not yet set up for activation.

Step 8. Proceed to set additional User PIN Codes as instructed from Step 2 ~ Step 7. When done, press " ↻ " and the screen returns to "**General settings**" menu, setting the PIN code is completed.

<NOTE>

- ☞ In Step 5, if the code is not correct, a "Code is not correct" prompt message will be displayed 2 sec., and you are requested to repeat Step 3 to enter again.

User Naming

Each individual User can be given a name for easy recogniztion when understanding system events. User Names can be named in the first-time setting or by resetting. The procedure is similar for both situations.

- When the "**Enter New Name**" screen is displayed, the keypad can be used to enter text. Simply locate the corresponding numeric keys to the desired alphabets/symbols and press repeatedly until the wanted alphabets/symbols appear.

Release the key and the flashing cursor automatically jumps to the next position for you to continue with the next letter by the same method.

● The keys have the following functions:

1	1
2	2ABCabc
3	3DEFdef
4	4GHIghi
5	5JKLjkl
6	6MNOmno
7	7PQRSpqrs
8	8TUVtuv
9	9WXYZwxyz
0	0<space>/-&'."+

✱	✱
#	#
↻	Delete character and backspace

<NOTE>

☞ The name can be erased or clearing the display by entering backward spaces " ↻ " and pressing **"OK"**.

● **To Delete User PIN code**

Except User #1 which is activated by factory default and can't be deleted in any way, User#2, 3 and 4 PIN code can be deleted by following the steps below:

Step 1. Move the cursor to the item "**Pin Code**" then press "**OK**", the following screen will show the status of each User PIN code:

✱		1	)	M	R	.		S	M	I	T	H			
		2	)	M	R	S	.		S	M	I	T	H		
		3	)	✱	✱	✱	✱	✱	✱						
		4	)	.	.	.	.	.	.						

Step 2. Move the cursor to the desired # (2~4) of programmed user PIN code to be deleted, then press "**OK**" the following screen is displayed.

		D	e	l	e	t	e							
		P	i	n	-	C	o	d	e	(	+	O	k	)	?

Step 3. Press "**OK**" and the screen returns to previous one with the deleted User PIN code marked with "●●●●".

● **To Edit User PIN code**

All 4 User PIN code can be edited freely by the following steps:

Step 1. Move the cursor to the item "**Pin Code**" then press "**OK**" the following screen will show the status of each User PIN code:

✱		1	)	M	R	.		S	M	I	T	H			
		2	)	M	R	S	.		S	M	I	T	H		
		3	)	✱	✱	✱	✱	✱	✱						
		4	)	.	.	.	.	.	.						

Step 2. Move the cursor to the desired # (2~4) of programmed user PIN code to be deactivated/deleted, then press "**OK**" the following screen is displayed.

		D	e	l	e	t	e						
		P	i	n	-	C	o	d	e	(	+	O	k	)

Step 3. Press " ↻ " key, the next screen will ask you to enter your new PIN code and repeat it for double confirmation.

Step 4. Follow the same steps as described in "**Set your own pin code**" to edit.

2. Temporary Code

● The Temporary Code is used to arm/disarm the system for a temporary user and is valid only once per Arming and once per Disarming. Afterwards, the Temporary Code is automatically erased and needs to be reset for a new Temporary user .

● The Temp. Code consists of 4 digits and is not activated as default by the factory.

● **To Set Temporary Code**

Step 1. Use the arrow keys to select "**Temp. Code**" and press "**OK**"

		E	n	t	e	r		N	e	w		C	o	d	e	
													.	.	.	.

Step 2. You can key in your preferred 4-digit number and then press "**OK**"

R	e	p	e	a	t		N	e	w		C	o	d	e	
											.	.	.	.	

Step 3. You are prompted to re-enter the same code again and press "**OK**"
If the code is correct, the screen changes to the following:

<NOTE>

☞ There is no User Naming feature for Temp. Code.

● **To Delete Temp. Code**

After the Temp. Code is programmed, it can be deleted by following the steps below:

Step 1. Move the cursor to the item "**Temp. Code**" then press "**OK**".

		D	e	l	e	t	e								
		P	i	n	-	C	o	d	e	(	+	O	k	)	

Step 2. Press "**OK**" and the screen returns to "**Gen. Settings Menu**"

● **To Edit Temp. Code**

After the Temp. Code is programmed, it can be edited by following the steps below:

Step 1. Move the cursor to the item "**Temp. Code**" then press "**OK**".

		D	e	l	e	t	e								
		P	i	n	-	C	o	d	e	(	+	O	k	)	

Step 2. Press " ↻ " key, the next screen will ask you to enter your new Temp. code and repeat it for double confirmation.

Step 3. Press "**OK**". The screen returns to "**General Setting**" menu, editing the Temporary code is now completed.

3. Duress Code

● Duress Code can arm/disarm the system. When this code is used for accessing the system, the Control Panel will report a secret alarm message without sounding the siren to the Call recipient to indicate of a "**Duress Situation in Progress**".

● The Duress Code consists of 4 digits and is not activated as default by the factory.

● **To Set Duress Code**

Step 1. Use the arrow keys to select "**Duress Code**" and press "**OK**"

	E	n	t	e	r		N	e	w		C	o	d	e	
											.	.	.	.	

Step 2. You can key in your preferred 4-digit number and then press "**OK**"

R	e	p	e	a	t		N	e	w		C	o	d	e	
											.	.	.	.	

Step 3. You are prompted to re-enter the same code again and press "**OK**"

If the code is correct, the screen returns to "**General Setting**" menu, setting the Duress code is completed.

● **To Delete Duress Code**

After the DuressCode is programmed, it can be deactivated/deleted by following the steps below:

Step 1. To delete programmed Duress code, select the "**Duress Code**" from the "**Gen. Setting Menu**", then, the screen will show:

		D	e	l	e	t	e								
		P	i	n	-	C	o	d	e	(	+	O	k	)	?

Step 2. Press **"OK"** to confirm.

● **To Edit Duress Code**

After the DuressCode is programmed, it can be edited by following the steps below:

Step 1. To edit programmed Duress code, select the "**Duress Code**" from the "**Gen. Setting Menu**", then, the screen will show:

		D	e	l	e	t	e								
		P	i	n	-	C	o	d	e	(	+	O	k	)	?

Step 2. Press " ↻ " key, the next screen will ask you to enter your new Duress code and repeat it for double confirmation.

Step 3. Press "**OK**" and editing the Duress code is completed.

4. Master Code

- Master Code is used for accessing the Programming mode and it is set to "**1111**" as factory default. Before you set your own Master PIN code, "**1111**" has to be keyed in every time it is required.

- To set your Master Code, follow the same steps as in setting the "**Duress Code**" described above.

● To Edit Master Code

After the Master Code is programmed, it can be edited by following the same steps as in editing the Duress Code described above.

<NOTE>

☞ The Master code can not be deactivated (same as the User #1 PIN Code).

☞ The Master Code is used only when you enter the Programming mode. In other cases, only PIN Code should be entered.

<IMPORTANT NOTE>

When entering the following individual setting screens, the value displayed on the screen is the current setting of each item.

If it is not necessary to change the current setting, just press " ↻ " to escape.

---

5. A. Entry Time

This is for you to select the Entry Delay time when Away Arming. Options available are 0 sec., 10 sec., 20 sec., up to 70 sec. in 10-sec increments.

		A	.	E	n	t	r	y		T	i	me		
		2	0			s	e	c	.	(	Λ	V	O	K	)

- Use "▲","▼" keys to switch between options.

- Press "**OK**" to confirm.

- 20 sec. is set as factory default.

<NOTE>

☞ Full Arm Entry time applies only to the zone that a Door Contact or PIR

Detector is installed and is set to "**Entry**".

☞ If incorrect PIN code is entered and/or the entry delay time has expired, then the system will trigger the Burglar alarm.

6. A. Exit Time

This is for you to select the Exit Delay time when Full Arming. Options available are 0 sec., 10 sec., 20 sec. up to 70 sec. in 10-sec increments.

		A	.	E	x	i	t		T	i	me		
		3	0			s	e	c	.	(	Λ	V	O	K	)

- Use "▲","▼" keys to switch between options.

- Press "**OK**" to confirm.

- 30 sec. is set as factory default.

<NOTE>

☞ Full Arm Exit time applies only to the zone that a Door Contact or PIR Detector is installed and is set to "**Entry**".

☞ If incorrect PIN code is entered and/or the Exit delay time has expired, then the system will trigger the Burglar alarm

7. H. Entry Time

This is for you to select the Entry Delay time when Home Arming. Options available are 0 sec., 10 sec., 20 sec., up to 70 sec. in 10-sec increments.

		H	.	E	n	t	r	y		T	i	me		
		2	0			s	e	c	.	(	Λ	V	O	K	)

- Use "▲","▼" keys to switch between options.

- Press "**OK**" to confirm.

- 20 sec. is set as factory default.

<NOTE>

☞ Home Arm Entry Delay time applies only to the zone that a Door Contact or PIR Detector is installed and is set

to "**Entry**".

☞ If incorrect PIN code is entered and/or the entry delay time has expired, then the system will trigger the Burglar alarm

8. H. Exit Time

This is for you to select the Exit Delay time when Home Arming. Options available are 0 sec., 10 sec., 20 sec. up to 70 sec. in 10-sec increments.

		H.	E	x	i	t		T	i	me		
		3	0		s	e	c	.	(	Λ	V	O	K	)

- Use "▲","▼" keys to switch between options.
- Press "**OK**" to confirm.
- 30 sec. is set as factory default.

<NOTE>

☞ Home Arm Exit Delay time applies only to the zone that a Door Contact or PIR Detector is installed and is set to "**Entry**".

☞ If incorrect PIN code is entered and/or the Exit delay time is expired, then the system will trigger the Burglar alarm.

9. Door Chime

This is for you to decide whether the Control Panel will sound a Door Chime if the Door Contact or PIR Detector is activated at the Entry Point while the system is in Disarmed mode.

		D	o	o	r	C	h	i	me		O	n		
		D	o	o	r	C	h	i	me		O	f	f	

- Press "▲","▼" keys to select the option followed by "✱" appearing next to the selected option.
- Press "**OK**" to confirm
- "**Door Chime Off**" is set as factory default.

<NOTE>

☞ When Door Chime is disabled, there will be no door chime when Entry point DC or PIR is triggered at Disarmed mode.

☞ When Door Chime is enabled, the system will make a "Ding-Dong" sound to inform user that a DC or PIR at Entry Point is triggered at Disarmed mode.

10. Time

This is for you to program the current time to be displayed. (hour & minute)

		T	i	me		S	e	t	t	i	n	g		
		0	0	:	0	0				(	▲	▼	O	K	)

- Hour flashes first, use "▲","▼" keys to choose a correct number for the current hour. Hours are indicated by "**00 ~ 23**".
- Press "**OK**" to confirm. Next, the screen will be displayed for you to set the correct minute.
- Minutes are then flashing.
- Use "▲","▼" keys to choose a correct number.
- Press "**OK**" to confirm.

11. Date

This is for you to set the current date.

		D	a	t	e		S	e	t	t	i	n	g		
		1	5		J	a	n			(	▲	▼	O	K	)

- Months flash first, use "▲","▼" keys to choose the current Month.
- Press "**OK**" to confirm. Next, the screen will be displayed for you to set the current day.
- Days are then flashing.

- Use "▲","▼" keys to choose the correct day.
- Press "**OK**" to confirm.

12. Panel Siren

This is for you to decide to enable or disable the Control Panel built-in Siren when there is an alarm event.

		S	i	r	e	n		O	n				
		S	i	r	e	n		O	f	f			

- Press "▲" & "▼" keys to select the option.
- Press "**OK**" to confirm
- "**Siren On**" is set as factory default

☞ In "**Spc. Settings**", if no key is pressed within 10 minutes, the Control Panel will automatically exit this menu and return to "**Alarm Off**" display.

13. Language

This function is for setting the display language. You can select English or Swedish. The screen will show:

		E	n	g	l	i	s	h				
		S	we	d	i	s	h					

- Use "▲","▼" keys to choose the language.
- Press "**OK**" to confirm.
- Default: English

IV. Special Settings.

This menu is for the user to store the specialized features for CTC-1132 system.

Step 1. Select Spc. Settings option..

Step 2. Press "**OK**", then the Special Settings Menu will be displayed.

A	l	a	r	m		L	e	n	g	t	h
A	.	E	x	i	t		S	o	u	n	d
A	.	E	n	t	r	y		S	o	u	n	d
H	.	E	x	i	t		S	O	u	n	d
H	.	E	n	t	r	y		S	o	u	n	d
S	i	r	e	n		D	e	l	a	y	
V	e	r	i	f	i	c	a	t	i	o	n
F	i	n	a	l		D	o	o	r		
I	n	t	e	r	f	e	r	e	n	c	e
R	C		E	n	t		E				
M	o	b	i	l	i	t	y		C	H	K	.
T	a	m	p	e	r		A	l	a	r	m
L	a	t	c	h		O	p	t	i	o	n
S	u	p	e	r	v	i	s	i	o	n	
S	t	o	p								

<u>*<NOTE>*</u>

- ☞ *Interference function is used in 868 Mhz frequency band Control Panel only.*
- ☞ *Use "▲" & "▼" to move the cursor to select the item, press "**OK**" to confirm the selection.*
- ☞ *"✱" displayed in front of an option indicates the current setting.*

1. Alarm length

This is for you to select the period of time that the built-in siren will sound when an alarm is activated. You can choose from 1 min. to 15 min. in 1-min increments.

		A	l	a	r	m		L	e	n	g	t	h	
		3			mi	n	.		(	Λ	V	O	K	)

- Use " ▲ " & " ▼ " keys to switch between options.
- Press "**OK**" to confirm.
- 3 minutes is set as factory default.

2. A. Exit Sound

This is for you to decide whether the Control Panel will sound short beeps during the Exit Delay period when in Away Arming.

		E	x	i	t		S	n	d		O	n	
		E	x	i	t		S	n	d		O	f	f	

- Press " ▲ " & " ▼ " keys to select the option. Options available are "**On**" for Exit Sound and "**Off"** for no entry sound
- Press "**OK**" to confirm
- "**Exit Snd On**" (Exit sound On) is set as factory default.

3. A. Entry Sound

This is for you to decide whether the Control Panel will sound short beeps during the Entry Delay Period when Away Arming.

		E	n	t	r	y		S	n	d		O	n	
		E	n	t	r	y		S	n	d		O	f	f	

- Press " ▲ " & " ▼ " keys to select the option.

- Press "**OK**" to confirm.
- "**Entry Snd On**" (Entry Sound On) is set as factory default.

4. H. Exit Sound

This is for you to decide whether the Control Panel will sound short beeps during the Exit Delay period when Home Arming.

	E	x	i	t		S	n	d		O	n		
	E	x	i	t		S	n	d		O	f	f	

- Press " ▲ " & " ▼ " keys to select the option.
- Press "**OK**" to confirm
- "**Exit Snd On**" (Exit sound On) is set as factory default.

5. H. Entry Sound

This is for you to decide whether the Control Panel will sound short beeps during the Entry Delay Period when Home Arming.

	E	n	t	r	y		S	n	d		O	n		
	E	n	t	r	y		S	n	d		O	f	f	

- Press " ▲ " & " ▼ " keys to select the option.
- Press "**OK**" to confirm.
- "**Entry Snd On**" (Entry Sound On) is set as factory default.

6. Siren Delay

This is for you to decide how long should the Control Panel suppress all audible alarms after an Burglar alarm is reported. Options are "**OFF**" and 1-min delay to 10-min delay in increments of 1 minute

	O	f	f									
	1		M	i	n	.						
	2		M	i	n	.						
	3		M	i	n	.						
	4		M	i	n	.						

to

	1	0		M	i	n	.						

- Press " ▲ " & " ▼ " keys to select the option.

- Press "**OK**" to confirm.
- "**Off**" is set as factory default.

7. Verification

Turn on and off the Sequential Verification Reporting.

		S	e	q	.	V	e	r	i	f	.	O	f	f	
		S	e	q	.	V	e	r	i	f	.	O	n		

- Press "▲" & "▼" keys to select the option.
- Press "**OK**" to confirm.
- "**Seq.Verif.Off**" (Sequential Verification Off) is set as factory default.

<NOTE>

☞ For detailed description of this feature, please refer to Sec. X, "False Alarm Management" of "**Configuring your system**"

8. Final Door

Turn on and off the Final Door Set Option.

		F	i	n	a	l	D	o	o	r		O	f	f	
		F	i	n	a	l	D	o	o	r		O	n		

- Press "▲" & "▼" keys to select the option.
- Press "**OK**" to confirm.
- "**FinalDoor On**" (Final Door Set Option On) is set as factory default.

<NOTE>

When "**Final Door Arming**" is programmed, the Control Panel will arm after the entry door is closed. For more description of this feature, please refer to Sec. II "**Away (Alarm On) Mode**" of "**Operation**"

9. Interference

Turn on and off the detection feature of interference.

		D	e	t	e	c	t	i	o	n		O	f	f	
		D	e	t	e	c	t	i	o	n		O	n		

- Press "▲" & "▼" keys to select the option.

- Press "**OK**" to confirm.

- "**Detection Off**" is set as factory default.

<NOTE>

☞ When the "**Detection On**" is selected, whenever the signal jamming period lasted longer than 30 seconds, this fault event will be logged, and displayed on the LCD to warn the user.

☞ When the "**Dectection Off**" is selected, CTC-1132 will not check interference status.

10. Remote Controller Entry Enable

Turn on and off the Remote Controller disarm function.

		R	C		E	n	t		E		O	f	f		
		R	C		E	n	t		E		O	n			

- Press "▲" & "▼" keys to select the option.

- Press "**OK**" to confirm.

- "**Remote Controller Entry Enable off**" is set as factory default.

<NOTE>

☞ When the "**Remote Controller Entry Enable**" is set to "**Off**" it will not be possible to disarm the Control Panel when the system is fully armed unless an entry point device is activated first. This feature is used to ensure that the system cannot be disarmed with a stolen Remote Control without unlocking a door first.

☞ When the "**Remote Controller Entry Enable**" is set to "**On**", the Remote Controller can Arm and Disarm the Control Panel as normal without activating an entry point first.

11. Mobility

This is to disable or enable the Mobility Timer with selected countdown period. Options available are **Disable, 4 hours, 8 hours and 12 hours.**

If the Mobility Timer is enabled, it will count down the pre-programmed time length. When the timer times out without being reset, a report will be made to the Programmed phone numbers.

		D	i	s	a	b	l	e							
		4		H	r	s									
		8		H	r	s									
		1	2		H	r	s								

- Use "**▼**" & "**▲**" keys to select the options.

- Press "**OK**" to confirm.

- "**Disable**" is set as factory default.

<NOTE>

☞ When the "**Mobility**" is set with a specified timer, the Control Panel will report to the Programmed phone numbers when the timer runs out unless one of the following actions occurred in advance to reset the timer:

◆ In "**Home**" mode: whenever any "**Home Omit**" DC, IR is triggered, or whenever any of the keys of the Control Panel is pressed

◆ In "**Disarm**" mode: whenever any of the DC or IR (except **24 Hr, Fire, Medical Emergency and Water)** is triggered, or whenever any of the keys of the Control Panel is pressed

☞ When the system is set to "**Away Arm**", the timer automatically stops. When the system enters "**Home Arm**" or "**Disarm**" mode, the timer automatically starts again.

12. Tamper Alarm

This extra option is to choose for Tamper Alarm of unauthorized sabotage to the devices only when the system is "**Away Armed**" in addition to the normal operational directive of Tamper Alarm.

		A	w	a	y		A	r	m		O	n	l	y	
		N	o	r	m	a	l								V

- Use "▼" & "▲" keys to select the options.
- Press "**OK**" to confirm.
- "**Away Arm Only**" is set as factory default.

13. Latch Option

You are requested to choose to have all arm/disarm actions of the user (temporary user) to be reported via SMS.

*		L	a	t	c	h	.	R	p	t	.	O	f	f	
		L	a	t	c	h	.	R	p	t	.	O	n		

Use "▼" & "▲" keys to select the options.
Press "**OK**" to confirm.

14. Supervision

This extra option is used to enable system supervision function.   When this option is chosen "**ON**", CTC-1132 will be able to receive the check-in signals from its system devices to indicate their proper functioning.

		D	i	s	a	b	l	e							
		4		H	o	u	r	s							
		6		H	o	u	r	s							
		8		H	o	u	r	s							
		1	2		H	o	u	r	s						

- Use "▼" & "▲" keys to select the options.
- Press "**OK**" to confirm.
- "**Disable**" is set as factory default.

15. Stop

Press "**OK**" to return to the previous menu.

V. Add / Delete Device

If "**Devices +/-**" is selected in Programming Main menu, the "**Device +/-**" menu is displayed. From here you can edit all the devices previously learnt-in, add or delete devices including the external sirens.

		A	d	d		D	e	v	i	c	e				
		E	d	i	t		D	e	v	i	c	e	s		
		R	e	m	o	v	e		D	e	v	i	c	e	
		P	r	o	g	r	a	m		S	i	r	e	n	
		P	r	o	g	r	a	m			P	S	S		

1. Adding Devices

Step 1. To learn in a sensor, move the cursor to the position "**Add Device**", then press "**OK**", a prompting message is displayed.

*	P	u	s	h		B	u	t	t	o	n		O	n	*
	D	e	v	i	c	e		t	o		A	d	d	!	

Step 2. Press the test button on the sensor or any button on the Remote Controller.

Step 3. If a signal is detected, the screen will show you the type of the device on the second line.

		D	e	t	e	c	t	e	d		(	O	k	?	)
		D	o	o	r		C	o	n	t	a	c	t		

<NOTE>

- ☞ The categories of devices are listed as followings:

   - ✓ Door Contact ---- DC
   - ✓ Panic Button-PB
   - ✓ PIR Sensor ----- IR
   - ✓ Remote Controller --- RC
   - ✓ Remote Keypad ---KP
   - ✓ Smoke Detector --- SD
   - ✓ Water Sensor --- WS
   - ✓ Outdoor Siren --- BX
   - ✓ Universal Receiver – UR
   - ✓ Wireless Siren ---SR

Step 4. Press "**OK**" to confirm the device type. A prompting message will be displayed for 2 sec. to prompt you to select the zone number for the device.

	S	e	l	e	c	t		D	e	v	i	c	e		
		Z	o	n	e										

Step 5. Then all the available unused zones (zones which have no device added in) out of a total 20 zones will be displayed on the screen.

Z	o	n	e		0	1				
Z	o	n	e		0	2				
Z	o	n	e		0	3				
			-							
			-							
			-							
			-							
Z	o	n	e		1	9				
Z	o	n	e		2	0				
S	T	O	P							

Step 6. Use "▲" & "▼" keys to move the cursor to the desired zone number then press "**OK**".

<NOTE>

☞ When a sensor is added to the system for the second time (without removing first). An error message will be displayed.

A	l	r	e	a	d	y		E	x	i	s	t
	i	n		s	y	s	t	e	m			

The message will be displayed for 2 sec. then the screen return to Step 1. screen to wait for the signal from another device.

☞ Pressing " ↰ " key will abort the procedure and will not learn-in the device.

☞ Depending the type of the device, different screens will then be displayed accordingly for further configuration purpose.

Door Contact

StepA7. After a zone number for the Door Contact is assigned, you can futher specify how it will work in different modes. You are requested to make a selection among "**Burglar**", " **Home Omit**", "**Home Access**", **"Delay"**, "**Entry**", **"Away Only"**, "**24 Hour**", "**Fire**", "**Medical Emg**" and "**Water**" device.:

B	u	r	g	l	a	r				
H	o	me		O	mi	t				
H	o	me		A	c	c	e	s	s	

D	e	l	a	y								
E	n	t	r	y								
2	4		H	o	u	r						
F	i	r	e									
M	e	d	i	c	a	l		E	mg			
Wa	t	e	r									

<NOTE>

☞ **"B" for *Burglar* Door Contact**

● When the system is in Arm mode, if a "**Burglar**" Door Contact is triggered, a "**Burglar Alarm**" will be activated immediately and be reported.

● When the system is in Armed mode, and the Control Panel is counting down the Entry Delay, if a "**Burglar**" Door Contact is triggered, the Control Panel will not respond.

● During the Exit Delay period, if a "**Burglar**" Door Contact is triggered, the Control Panel will not respond .

☞ **"O" for *Home Omit* Door Contact**

● When the system is in Home mode, if a "**Home Omit**" Door Contact is triggered, the Control Panel will not respond.

● When the system is in Full Arm mode, if a "**Home Omit**" Door Contact is triggered, the Control Panel will respond in the same way as if a "**Burglar**" Door Contact is triggered.

☞ **"A" for *Home Access* Door Contact**

● When the Door Contact has been set to "**Home Access**" and triggered when the system is in Arm mode, the Control Panel will start a Burglar Alarm and be reported.

● When the system is in Home mode, if a "**Home Access**" Door Contact is triggered, the Control Panel will start an Entry Delay period to give enough time to disarm the system

● However, during the Entry Delay or Exit Delay period, if a "**Home Access**" Door Contact is triggered, the Control Panel will not respond.

☞ "D" for Delay Door Contact

- When the system is in Arm mode, if a "Delay" Door Contact is triggered first, a "Burglar Alarm" will be generated immediately.

- However, during the Entry Delay or Exit Delay period, if a "Delay" Door Contact is triggered, the Control Panel does not respond.

☞ "E" for *Entry* Door Contact

- If the Door Contact has been set to "**Entry**" and triggered when the system is in Arm mode, the Control Panel will start an entry period to give enough time to disarm the system.

- After the delay period has expired and no correct PIN code entered, the Control Panel will respond with a "**Burglar Alarm**" and be reported.

- If the Door Contact has been set to "**Entry**" and triggered when the system is in Disarmed mode, the Control Panel will make a "ding-dong" Door Chime sound (if programmed).

☞ "H" for *24 Hour* Door Contact

- The"**24 Hour**" Door Contact is active all the time and does not have to be armed or disarmed.

☞ "F" for *Fire* Door Contact

- The "**Fire**" Door Contact is active all the time and does not have to be armed or disarmed.

☞ "M" for *Medical Emgenercy* Door Contact

- **A** "**Medical Emg**" Door Contact is active all the time and does not have to be armed or disarmed.

☞ "W" for *Water* Door Contact

- "**Water**" Door Contact acts as an Universal Transmitter and have a Water leakage sensor connected to it.

- The "**Water**" Door Contact is active all the time and does not have to be armed or disarmed.

StepA8. Use the "▼","▲" to make your selection and confirm by pressing "**OK**". You are now invited to give a name or location description to the device to help understand system events. You can enter up to 10 letters as you want for the name followed by **"OK"** or just press **"OK"** for no name. Please see section **"Device Naming"** for details.

E	n	t	e	r		N	a	m	e		+	O	k		
.	.	.	.	.	.	.	.	.	.						

StepA9. Press "**OK**" when zone name entering is completed. The display will show the new zone name with the attribute next to the device and prompt you to confirm your programming:

I	n	s	t	a	l	l	e	d	:		(		O	K	?	)
D	C		B	a	c	k	d	o	o	r		B				

StepA10. Press "**OK**", adding a Door Contact is now completed, screen returns to the "**Device +/-**" menu.

<NOTE>

- ☞ Press " ↰ ", all the learning/setting processes having done will be ignored, the screen returns to "**Device +/- **" menu.

PIR Detector

StepB7. After a zone number for the PIR is assigned the following choice screen is displayed.

		B	u	r	g	l	a	r				
		H	o	m	e		O	m	i	t		
		H	o	m	e		A	c	c	e	s	s
		D	e	l	a	y						
		E	n	t	r	y						

<NOTE>

- ☞ For a PIR Detector, you may choose between "**Burglar**", "**Home Omit**", "**Home Access**", "**Delay**" and **"Entry"** .

- ☞ For detailed functional description of PIR Detector in these 4 different device modes, please refer to the Note section following Step A7 for adding Door Contact.

) **"B"** for *Burglar* PIR Detector

) **"O"** for *Home Omit* PIR Detector.

) **"A"** for *Home Access* PIR Detector.

) **"D"** for *Delay* PIR Detector.

) **"E"** for *Entry* PIR Detector.

StepB8. Use the "▼","▲" to make your selection and confirm by pressing "**OK**". You are now invited to give a name or location description to the device to help understand system events. You can enter up to 10 letters as you please for the name followed by **"OK"** or just press **"OK"** for no name. Please see section **"Device Naming"** for details.

E	n	t	e	r		N	a	m	e		+	O	k		
.	.	.	.	.	.	.	.								

StepB9. Press "**OK**" when finished and the display will show The display will show the newl zone name and the attribute next to the device:

I	n	s	t	a	l	l	e	d	:		(	O	K	?	)
I	R		H	a	l	l	w	a	y		E				

StepB10. Press "**OK**", adding a PIR is now completed, screen returns to the "**Device +/-**" menu.

<NOTE>

) Press " G ", all the learning/setting processes having done will be ignored, the screen returns to "**Device +/-**" menu.

Remote Controller

StepC7. After a zone number for the RC is assigned the following choice screen is displayed.

	P	e	r	s	o	n	a	l		A	t	t		
	M	e	d	i	c	a	l			E	m	g		

<NOTE>

) For a Remote Controller, you may choose between "**Personal Attack**", and "**Medical Emergency**" device mode.

) **"P"** for *Personal Attack* Remote Controller

Control Panel will give a "**Personal Attack**" alarm when the panic button is pressed for 3 seconds long or twice within 3 seconds.

) **"M"** for *Medical Emergency* Remote Controller

Control Panel will give a "**Medical Emergency**" alarm when the panic button is pressed for 3 seconds long or twice within 3 seconds.

StepC8. Use the "▼","▲" to make your selection and confirm by pressing "**OK**". The next display will prompt you to give a name or location description to the device to help understand system events. You can enter up to 10 letters as you please for the name.

StepC9. Or simply press **"OK"** for no name. Please see section **"Device Naming"** for details.

E	n	t	e	r		N	a	m	e		+	O	k		
.	.	.	.	.	.	.	.								

StepC10. Press "**OK**" when finished and the display will show the new zone name next to the device:

I	n	s	t	a	l	l	e	d	:		(	O	K	?	)
R	C		M	R	.	S	M	I	T	H					

StepC11. Press "**OK**", adding a RC is now completed, screen returns to the "**Device +/-**" menu.

<NOTE>

) After a Remote Controller is added in, you can use the Remote Controller to arm/disarm the system. In addition, pressing the "**Panic**" button for 3 seconds or twice within 3 seconds, the Control Panel will generate a Panic alarm.

) The "**Panic**" alarm generated from the Remote Controller will have to be silenced at the Control Panel only. See section "**Stop the Alarm**".

☞ Press " ↺ ", all the learning/setting processes having done will be ignored, the screen returns to "**Device +/-**" menu.

Other Devices

For Smoke Detector, Remote Keypad, Water Sensor and Night Switch, no further option needs to be specified, hence after it is detected, a zone is assigned, and the zone name entered, the following screen is displayed.

I	n	s	t	a	l	l	e	d	:		(	O	K	?	)
S	D		L	i	v	i	n	g	r	o	o	m			

Press "**OK**" to confirm, adding a smoke detector, or a Remote Keypad or a Water Sensor or a Night Switch is now completed.

Device Naming

Detectors can be given names and location descriptions to help understand system events. The devices can be named when first installing them or by editing them afterwards, the procedure is similar for both situations.

● When the "**Enter zone Name**" screen is displayed, the keypad can be used to enter text. Simply locate the corresponding numeric keys to the desired alphabets/symbols and press repeatedly until the wanted alphabets/symbols appear. Release the key and the flashing cursor automatically jumps to the next position for you to continue with the next letter by the same method.

● The keys have the following functions:

1	1
2	2ABCabc
3	3DEFdef
4	4GHIghi
5	5JKLjkl
6	6MNOmno
7	7PQRSpqrs
8	8TUVtuv
9	9WXYZwxyz
0	0<space>/-&'."+

✱	✱
#	#
↺	Delete character and backspace

● When the name is complete, press **"OK"**

to confirm and return to the previous or main menu.

<NOTE>

☞ The name can be erased or clearing the display by entering backward spaces and pressing **"OK"**.

Device Display Nomenclature

The devices are displayed throughout the menus and especially where there are zone lists. The meanings of the display components are shown in an example below:

Zone number
Device type
Zone attribute

PIR Zone 03 B
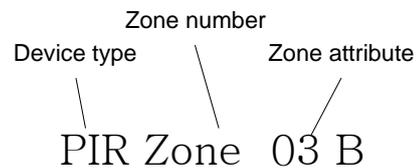
The PIR detector is in zone 03, programmed for burglar mode.

2. Edit Devices

To edit all the devices that have already been installed, choose "**Edit Devices**" in the "**Device +/-**" menu, all the devices being included in the system will be displayed. You may Press " ↺ " to exit.

		D	C		B	a	c	k	d	o	o	r			
		I	R		H	a	l	l	w	a	y				
		R	C		M	R	.		S	M	I	T	H		
		S	D		K	i	t	c	h	e	n				
		S	t	o	p										

Step1A. Use "▲","▼" keys to scroll the display and choose the desired device for editing. For DC, IR and RC, when selected by pressing "**OK**", the first screen will ask if you want to change the device attribute:

		B	u	r	g	l	a	r						
		H	o	me			O	mi	t					
		H	o	me			A	c	c	e	s	s		
		E	n	t	r	y								
		2	4			H	o	u	r					
		F	i	r	e									
		Me	d	i	c	a	l			E	mg			
		Wa	t	e	r									

If no changes is wished here, press " ↰ " to skip to Step 3A.

Step2A. Use "▲","▼" keys to scroll the display and choose the desired device attribute by pressing "**OK**". The screen will show:

Z	o	n	e			T	y	p	e	?	(		O	k	?	)
D	C			B	a	c	k	d	o	o	r			E		

Step3A. Press "**OK**" to confirm. The next screen will ask if you want to change the name

P	r	o	g	r	a	m		N	a	me			?		
B	a	c	k	d	o	o	r								

Step4A. Press " ↰ ", if re-naming is not required to exit to the previous device list or press "**OK**" if you wish to edit the zone name:

E	n	t	e	r			N	a	me			+	O	k		
.	.	.	.	.	.	.	.	.							

Step5A. Edit the zone name and press "**OK**" when completed to return to the previous device list.

Step6A. Proceed to edit other devices or Press " ↰ " to return to "**Add/Delete Device**" menu.

To Edit Other Devices (SD/ KP/ WS/NS)

Step1B. Use "▲","▼" keys to scroll the display and choose the desired device for editing. When selected by pressing "**OK**", the first screen will ask if you want to change the zone name. To confirm, press "**OK**" or press " ↰ " to exit.

P	r	o	g	r	a	m		N	a	me			?		
B	a	c	k	d	o	o	r								

Step2B. Press "**OK**" if you wish to edit the zone name:

E	n	t	e	r			N	a	me			+	O	k		
.	.	.	.	.	.	.	.	.							

or press " ↰ " to exit to the previous device list.

Step3B. Edit the zone name and press "**OK**" when completed and return to the previous device list.

Step4B. Proceed to edit other devices or Press " ↰ " to return to "**Add/Delete Device**" menu.

3. Remove Devices

Adding a device a second time is prohibited unless it is removed from the system first. To delete a device, choose "**Remove Device**" in the "**Device +/-**" menu

Step 1. Use "▲","▼" keys to scroll the display. All the used zones with the device names are listed in order of the zone numbers.

		D	C			B	a	c	k	d	o	o	r		
		I	R			H	a	l	l	wa	y				
		R	C			MR	.		S	MI	T	H			
		S	D			K	i	t	c	h	e	n			

Step 2. Press "**OK**" when the required device is chosen. The following prompt message will be displayed for you to reconfirm.

		R	e	mo	v	e	:				(		O	k	?	)
R	C			MR	.		S	MI	T	H						

Step 3. Press "**OK**". Deleting a device is now completed. The screen returns to previous device list.

<NOTE>

☞ If the selected sensor/zone is not what you want to delete, press " ↰ " to exit, the device list is again displayed for you to make another selection.

☞ If "**Remove Device**" menu is chosen while no device has been installed, the display will show "**No device found in system**" for 2 sec. and return to the "**Device +/-**" menu.

Step4. Proceed to remove other devices or Press " ↰ " to return to "**Add/Delete Device**" menu.

4. Program Siren

If an outdoor Bell Box, Indoor Bell Box or Universal Receiver etc. is to be included in the system, it should be programmed first by the Control Panel, so that the Control Panel can communicate with these auxiliary devices.

To program these auxiliary devices, select **"Program Siren"** in the **"Device +/-"** menu.

		L	e	a	r	n		S	i	r	e	n			
		S	i	r	e	n		T	a	mp	.	O	n		
		S	i	r	e	n		T	a	mp	.	O	f		
		C	o	n	f	i	r	m		O	n				
		C	o	n	f	i	r	m		O	f	f			
		E	n	t	r	y		S	n	d		O	n		
		E	n	t	r	y		S	n	d		O	f	f	
		R	e	c	e	i	v	e	r		1				
		R	e	c	e	i	v	e	r		2				

● **Learn Siren**

- ● If there is any detector or Remote Controller has been added already,

Step 1. Put all the desired Auxiliary devices into learn mode (Refer to their individual Operational Manual).

Step 2. Move the cursor to the position **"Learn Siren"**.

Step 3. Press **"OK"**.

Step 4. The Control Panel will then sound a long beep and transmit Learning code to all devices simultaneously. The Out Door Bell Box (BX-8) should respond by activating its siren & strobe light momentarily while the UR-7 status LED lights up for 3 seconds.

Step 5. Place these auxiliary devices out of Learn mode. Adding them into the system is completed.

<NOTE>

- ☞ If any of these devices does not respond, make sure that the device is in learn mode and repeat the steps again.

- ☞ After they are added in, every time pressing a PIN code & followed by **"OK"** key will result in the Control Panel transmitting signal to all of them

☞ If there is no other detector or Remote Controller being added first, the following message will be displayed in Step 3.

	P	l	e	a	s	e		a	d	d			
		o	n	e		d	e	v	i	c	e		

The message will be displayed for 2 sec. then the screen returns to **"Device +/-"** menu. You are requested to add a detector or Remote Controller first then you can try programming these auxiliary devices again.

<IMPORTANT NOTE>

For the following options, whichever option is selected, when the Control Panel transmits the signal, all added sirens will simultaneously received the signal and all will acted accordingly

---

● **Siren Tamp.On, Siren Tamp.Off**

The Outdoor Siren BX-8 tamper switch can be enabled and disabled remotely. This is used especially when replacing siren battery.

- ● Disable the Siren tamper switch by selecting "**Siren Tamp.Off**" and press **"OK"**. All added sirens will temporarity lose their Tamper Protection simultanously

- ● Enable the Siren tamper switch by selecting "**Siren Tamp.On**" and press "**OK**". All added sirens will be enabled with the Tamper protection simultanously.

<NOTE>

- ☞ The Siren tamper disable will automatically revert to **"On"** after about an hour if not switched back.

● Confirm On, Confirm Off

Both the Outdoor Siren BX-8 can be enabled for arming and disarming confirmation where beeps are emitted from the Siren to validate that the system has been armed and disarmed.

- ● Disable the Siren Confirmation by selecting "**Confirmation Off**" and press "**OK**".

- ● Enable the Siren Confirmation by selecting "**Confirmation On**" and press "**OK**".

● Entry Snd On, Entry Snd Off

The Outdoor Siren BX-8 can be enabled or disabled from sounding the Entry Delay warning beeps.

- ● Disable the Siren Entry Sound by selecting "**Entry Snd Off**" and press "**OK**".

- ● Enable the Siren Entry Sound by selecting "**Entry Snd On**" and press "**OK**".

● Receiver 1, Receiver 2

2 additional Universal Receivers can be added to the system.

Step 1. Put Universal Receivers into learn mode (Refer to their individual Operational Manual).

Step 2. Move the cursor to the position **"Receiver 1"**

Step 3. Press **"OK"**.

Step 4. The Control Panel will then sound a long beep and transmit Learning code to UR#1 simultaneously. The UR status LED lights up for 3 seconds.

<NOTE>

- ☞ If Receiver 2 is also to be added to the system, proceed to the following steps:

Step 5. Move the cursor to the position **"Receiver 2"**.

Step 6. Press **"OK"**.

Step 7. The Control Panel will then sound a long beep and transmit Learning code

to UR#2 simultaneously. The UR status LED lights up for 3 seconds.

Step 8. Remember to put these Universal Receivers out of Learn mode. Adding them into the system is completed.

5. Edit Power Switch

The controlpanel and power switch communicate with each other by following steps:

Step 1. Put the **Power Switch** in learning mode.

Step2. Put the **Control Panel** into **programming menu.**

Step 3. Select **Device +/-** and then **"Program PSS (powerswitch)"** then the following screen will be displayed.

C	h	a	n	n	e	l		1
C	h	a	n	n	e	l		2
C	h	a	n	n	e	l		3
C	h	a	n	n	e	l		4
C	h	a	n	n	e	l		5
C	h	a	n	n	e	l		6
C	h	a	n	n	e	l		7
C	h	a	n	n	e	l		8

Step 4. Select the disired channel number and press **OK.**

Step 5. The control panel will sound one beep and send a signal to the **Power Switch**.

Step 6. Repeat Step 4 to learn other channels.

<NOTE>

- ☞ When the first (Channel 1) Power Switch has been set, and alarm is triggered, the LED of the first Power Switch will flash (2-sec On & 2-sec Off) automatically until the Control Panel is disarmed.

- ☞ If the AC Fault exists in the Control Panel and the alarm is trigger, the LED of first (Channel 1) Power Switch will flash slowly (2-sec On & 6-sec Off)

☞ Only the first (Channel 1) Power Switch can flash during the panel alarm.

VI. SMS Editor

For sending a SMS alarm reporting to your mobile phone, edit your SMS message by selecting "**SMS Editor**" in Programming Main menu.

		E	d	i	t		S	c	r	e	e	n			

1. Editing SMS message

Step 1. During this display, compose your own SMS message of up to 14x4=56 characters maximum. Press "**OK**" to confirm.

The keypad can be used to enter text, similar to the "**testing**" method being utilized for the mobile phones

The keys have the following functions:

1	1
2	2ABC(abc)
3	3DEF(def)
4	4GHI(ghi)
5	5JKL(jkl)
6	6MNO(mno)
7	7PQRS(pqrs)
8	8TUV(tuv)
9	9WXYZ(wxyz)
0	0<space>/-&'."+:

✳	✳
#	#
▲	Backward space
▼	Forward space
↻	Delete character and backspace

'When the message is completed, press "**OK**" to see the next display:

		S	a	v	e										
		Q	u	i	t										

Press "**Save**" to save the newly edited SMS or exit this section back to Programming Menu by press "**Quit**".

Step 2. Press **"OK"** when the cursor is moved to the choice of your decision.

When "**Save**" is chosen, the saved SMS message will be sent when any alarm is triggered and displayed again on the LCD when the "**SMS Editor**" is selected again.

VII. SMS Keyword

For sending remote commands to control the operation of the Receiver 1 & 2 and Outputs using SMS message, a personalized password is required for CTC-1132 to recognize your authority. To set a personalized keyword different from "**Pin Code**" (factory default), select "**SMS Keyword**" in Programming Main menu.

C	h	a	n	g	e		K	e	y	w	o	r	d		?
P	i	n		c	o	d	e						+	O	K

1. Keyword Editor

Step 1. Press "**OK**" to confirm.

Step 2. The next display will prompt you to enter your preferred "keyword" from minimum of 1 character to a maximum of 10-character and press "**OK**" when done. .

K	e	y	w	o	r	d		e	d	i	t	o	r		
.	.	.	.	.	.	.	.	.	.				+	O	K

Step 3. The system returns to Main Programing Menu automatically.

<u>*<NOTE>*</u>

☞ If there is no character entered, there is no "Keyword" set up in the system.

☞ Without "Keyword" programmed in the system, Remote Commanding of CTC-1132's Receivers and Outputs via SMS will also be disabled..

IX. Country Code

When you get the SIM card, please set the card in cellphone and send a SMS message to another handy for checking the number format of your SIM card.

Usually there are two different number format:

1. With Country Code, such as +46 123456

2. Without Country Code, such as 0912345678

- If your SIM card format is with Country Code, like: +46 123456

Step 1. Select the **Country Code** option, and press **OK**. The display will then show:

		C	o	u	n	t	r	y		C	o	d	e		
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Step 2. You can now edit your Country Code.

For example:

Taiwan's country code is 886. Type 886 under the country code. It becomes as the following.

		C	o	u	n	t	r	y		C	o	d	e		
4	6	.	.	.	.	.	.	.	.	.	.	.	.	.	

Step 3. Press **OK**. The next display will then show:

		R	e	p	l	a	c	e	me	n	t				
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Enter a number **0** on this field.

		R	e	p	l	a	c	e	me	n	t				
0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Step 4. Press "**OK**" and the display will automatically return to the main Program menu list.

- If your SIM card format is without Country Code, like: 0912345678

You do not have to edit Country Code. Please escape this section.

<NOTE>:

It is recommanded that use a handy to send a Command SMS message (with confirmation message, see 'XIII. Remote Control Command – via SMS message on page 39 for details) to remotely control the Panel for testing whether the setting is correct or not.

X. GSM Signal

CTC-1132 utilizes GSM as its telephone interface for communication purpose. The GSM signal can be monitored by selecting "**GSM Signal**" in the Programming Main Menu.

G	S	M		S	i	g	n	a	l						
		P	l	e	a	s	e		Wa	i	t				

The current GSM signal strength in RSSI scale ("0" ~ "9" with 9 being the highest strength value) will be displayed on LCD and may change due to change of environment.

G	S	M		S	i	g	n	a	l						
		G	S	M		R	S	S	l		=		7		

XI. Walk Test

- When "**Walk Test**" is selected, the Green & Yellow LED's will flash 3 times with 3 beeps, and the following two test patterns are displayed for 2 sec. each.
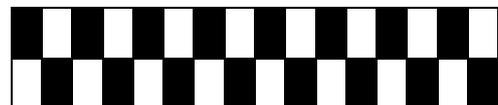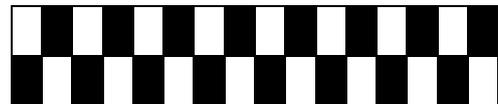
- Then the following message is displayed:

*				Wa	l	k		T	e	s	t			*	

- Pressing the test button on the sensor or any button on the Remote Controller or triggering the sensor, if the Control Panel received the signal, it will sound 2 short beeps and the display will show you which sensor with its zone number is reacting and the RSSI strength.

I	R			Z	o	n	e	0	2		D				
H	a	l	l	wa	y						R	=	0	9	

- The message will be displayed for 30 sec. or being replaced by another test signal.

- Pressing " ↻ " key, the screen will return to "**Walk Test**" banner.

<NOTE>

☞ The function of showing its RSSI strength (e.g. "**R=09**") is only avaliabe in 868 MHZ Control Panels.

● **Exit "Walk Test"**

● To exit **"Walk Test"** mode, press " G " key.

● If no test signals are received for 5 minutes, the Control Panel will exit "**Walk Test**" mode and return to **"Alarm Of**f**"**. Press "**OK**" key to add another 5 minutes.

XII. Reset GSM

GSM module will be reset once you have press "**OK**". Please wait for 1 minute for the reset process to be activated.

Operation

I. Entering User Menu

When the system is in Disarmed mode (Alarm off), entering a valid user code can access the user menu, the system can then be Away armed or Bypass armed via this menu.

When the first numberic key is pressed, the display will show:

		E	n	t	e	r		C	o	d	e				
								✳	.	.	.				

when the complete PIN code is keyed in followed by "**OK**", within 10 sec., the first two lines of the user menu is shown:

		A	w	a	y		A	r	m						
		H	o	m	e		A	r	m						

A flashing dot will appear next to "**Away Arm**", the complete menu list consists of:

		A	w	a	y		A	r	m						
		H	o	m	e		A	r	m						
		B	y	p	a	s	s								
		L	o	g											
		P	o	w	e	r	s	w	i	t	c	h			

These items can be scrolled through by using the "▼", "▲" keys.

<NOTE>

☞ If there is any fault event occurred, no matter if the fault condition has been rectified or not, when you enter the PIN Code followed by "**OK**", the following screen will be displayed.

		F	a	u	l	t		D	s	p					
		A	w	a	y		A	r	m						
		H	o	m	e		A	r	m						
		B	y	p	a	s	s								
		L	o	g											
		C	o	n	t	r	o	l		P	S	S			

And the cursor stays at "**Fault Dsp**" position. To arm the system, please see the section "**Forced Arming**" below.

☞ If there is any SMS message saved, the screen will display SMS for SMS message reading

☞ If you press " G " while the "**Alarm off**" is displayed, a "**Enter Code**" promp screen will be displayed. After you enter your pin Code, the above screen will also be displayed.

☞ After 30 seconds of key-inactivity, the system will automatically exit User Menu and return to "**Alarm off**" mode.

II. Away (Alarm ON) Mode

1. Arming the system

If the system is in Disarmed mode (Alarm off), to arm the system.

Step 1. Enter your PIN code and press "**OK**". The display will show**:**

		A	w	a	y		A	r	m						
		H	o	m	e		A	r	m						
		B	y	p	a	s	s								
		L	o	g											
		P	o	w	e	r	s	w	i	t	c	h			

and the cursor stays at "**Away Arm**"

Step 2. Press "**OK**" and the screen will display.

	T	i	m	e		T	o		E	x	i	t	
			3	0		s	e	c					

The defined EXIT Delay is displayed on the second line, and is counting down. During the EXIT Delay period, the exit sound plays, unless it has been chosen to switch off.

Step 3. When the Exit Delay time is up, or the "**Entry**" Door Contact (Final Door Set Function programmed to be "**On**") is closed, the Control Panel will sound a long beep. The "**Alarm On**" will display on the screen and the system is in Arm mode.

	A	l	a	r	m		O	N					
	0	7	:	2	5		1	6		D	e	c	

<u>*<NOTE>*</u>

☞ When "**Final Door Set Option**" is set to "**Off**", the Control Panel enters "**Alarm On**" mode only when the Exit Delay time is up.

☞ The Control Panel has "**Screen Save**" function. The "**Alarm on**" message will be displayed for 160 sec. only. Afterwards only current date & time is displayed on the second line.

☞ The system can also be armed by using the Remote controller (Optional).

2. Stopping the Exit Delay

The Exit Delay can be stopped by disarming the system.

Step 1. Press " G "

Step 2. The screen will ask you to enter the PIN code. In addition, the counting down Exit Delay is displayed on the left side of the 2nd line.

Step 3. Enter your PIN code and then press "**OK**". "**Alarm Off**" will be displayed on the screen and the system returns to Disarmed mode.

<u>*<NOTE>*</u>

☞ The Exit Delay can also be stopped by pressing the "**Disarm**" button on the Remote Controller (Optional).

☞ If the Exit Delay period times out before the code can be entered, the system will be armed.

3. Extend the Exit Delay

During the Exit Delay period, the delay time can be extended by pressing the "**ARM**" button on the Remote Controller (Optional). Each time the "**ARM**" button is pressed, the delay time starts counting from the beginning. (To do this, press and hold th ARM button for 1 second and you will hear a long beep to confirm the extention of Exit time).

<u>*<NOTE>*</u>

☞ While you arm the system, if a Door Contact or PIR sensor has been triggered (eg. Door is open), arming is also prohibited. To arm the system, please see the section "**Forced Arming**" below.

III. Forced Arming

● While you try to arm the system by entering the PIN Code, if there is any fault situation has occurred before, the display will show.

	F	a	u	l	t		D	s	p				
	A	w	a	y		A	r	m					

● If you move the cursor to "**Away Arm**" position and then press "**OK**", the Control Panel will sound a ding-done warning sound to indicate arming is prohibited, and the message "**Fault DSP**" is displayed in the middle of the top display row and alternates at 2-second intervals with individual fault events.

<u>*<NOTE>*</u>

☞ In the same situation, if you arm the system by pressing the "**Arm**" button on the Remote Controller, the Control Panel will response in the manner as described above and the arming is also prohibited.

● You will need to press " G " to return back to Alarm Off Screen.

- At this moment, you can first rectify all of the problems and then clear the "**Fault display**" (Please see section XI **"In a Fault Situation"**), and then afterwards you can arm the system.

- However, if you want to put the system into Arm mode with the fault situation persisting, it is still possible by following the steps below to execute "**Forced Arming**".

Step 1. Enter your PIN Code and press "**OK**", a prompt message will be displayed.

		F	o	r	c	e		A	r	m			
						(		O	k	?	)		

Step 2. Press "**OK**" to double confirm.

Step 3. The Exit Delay counting down screen is displayed as in above section.

Step 4. When the Exit Delay time is up, the Control Panel will sound a long beep. The "**Alarm On**" will display on the screen and the system is in Arm mode.

<NOTE>

☞ Any time pressing " ↻ " followed by "**PIN Code**" and "**OK**", the screen returns to "**Alarm Off**"

☞ The "**Fault DSP**" screen has a time-out for 5 minutes. It will automatically exit and return to "**Alarm Off**" screen after 5 minutes.

☞ If a sensor is by-passed (Please see section "**Partial Arm mode**", the fault condition of that sensor will not be checked.

☞ If a sensor tampered or out-of-order occurs, you can temporarily by-pass it or permanently remove it.

Arming with Door Opened

- While you arm the system, if any door was detected to be open, the Control Panel will also sound a ding-dong warning sound to indicate arming is prohibited. The message "**Fault DSP**" is displayed in the middle of the top display row and

alternates at 2-second intervals with the sensor name that is being triggered.

- At this moment, you can close the opened door, after which the fault display will be cleared automatically and the screen returns to "**Alarm off**". You then can arm the system again.

- However, if you want to put the system into Arm mode with the opened door, it is still possible by following the Steps described above to execute "**Forced Arming**".

IV. Disarm (Alarm off) mode

Disarming the system

To disarm the system

If the system is in either the Away Arm mode or Home Arm mode (Alarm ON), enter your pin Code and press "**OK**". If the PIN code is correct, the Control Panel will sound 2 short beeps and return to Disarmed mode. The screen will show.

		A	l	a	r	m		O	f	f			
		0	6	:	4	3		0	1		J	a	n

<NOTE>

☞ When the system is Home Armed, pressing the "**DISARM**" button on the Remote Controller will disarm the system.

☞ When the system is Away Armed, pressing the "**DISARM**" button on the Remote Controller can disarm the sytem when either an "**Entry**" device has been triggered, or when the "**Remote Controller Entry Enable**" has been set to "**ON**".

V. Home Arm Mode

The Home mode allows the home to be Armed so that no one can get inside without first Disarming the system, yet the person already inside the house can move freely without self triggering the alarm.

<NOTE>

☞ You can enter the HOME mode only when the system is in DISARMED mode.

1. Entering Home Mode:

Step 1. When the system is in Disarmed mode, key in your Pin Code then press "**OK**".

Step 2. Press " ▼ " to move the cursor down to select "**Home Arm**".

Step 3. Press "**OK**" and the screen will display.

		T	i	me		T	o		E	x	i	t		
				3	0		s	e	c					

The defined EXIT Delay is displayed on the second line, and is counting down. During the EXIT Delay period, the exit sound plays, unless it has been chosen to switch off.

Step 4. When the Exit Delay time is up, the Control Panel will sound a long beep. The "**Home**" will display on the screen and the system is in Home Arm mode.

<NOTE>

☞ The system can also be armed by using the Remote controller (Optional).

Step 5. Press "**OK**" and the screen will display.

		H	o	me										
		0	8	:	0	0		1	6		D	e	c	

2. Stopping the Exit Delay

The Exit Delay can be stopped following the steps described in "**Stopping the Exit Delay**" in section II, "**Away Mode**"

3. Extend the Exit Delay

The Exit Delay can be extended following the steps described in "**Extend the Exit Delay**" in section II, "**Away Mode**"

4. Forced Arming

● If there is any fault condition has occurred or a door was found opened before or any sensor is triggered, when you press "**OK**" in step 3 above or when you press "**Home**" button on the Remote Controller, the Control Panel will sound a ding-dong warning sound to indicate entering the Home mode is prohibited. You rectify the problem first, then clear the fault display, and then try again. Or you can do forced arming to enter Home mode compulsorily.

Please follow the instructions described in "**Forced Arming**" in Section III.

VI. Partial (By-pass) Arm Mode

The Partial (By-pass) Arm mode allows the user to de-activate (by-pass) any sensors at their discretion. This feature allows your home to be armed; yet the person inside the house can move freely in the area where the sensor is by-passed.

To put the system into the Partial (By-pass) Arm mode:

Step 1. Enter your PIN code and press "**OK**" within 10 seconds. The display will show**:**

	A	w	a	y		A	r	m					
	H	o	me			A	r	m					
	B	y	p	a	s	s							

Step 2. Press "▼ " to move the cursor down to select "**Bypass**".

Step 3. Press "**OK**"

Step 4. All the zones are listed in zone number order.

	D	C		B	a	c	k	d	o	o	r		
	I	R		H	a	l	l	w	a	y			
	D	C		F	r	o	n	t	d	o	o	r	
	I	R		L	i	v	i	n	g	r	o	o	m
	R	C		MR	.		S	MI	T	H			
	S	t	o	p									

Step 5. Press "▼", "▲" keys to select the zone to be by-passed.

		B	y	-	p	a	s	s	:	(	O	k	?	)	
	D	C		B	a	c	k	d	o	o	r				

Step 6. Press "**OK**" to confirm the selection. The selected zone will be marked with a "✱" character in front of it to indicate that device is to be by-passed.

<NOTE>

☞ The zones can be toggled between by-passed and not by-passed by pressing the "**OK**" key repeatedly followed by the "✱" character appearing for By-pass setting and "✱" character disappearing for By-pass unsetting.

Step 7. You can repeat Step 5 ~ Step 6 to continue selecting the device to be by-passed.

Step 8. After all the sensors to be by-passed have been selected, press " ↻ " to return to user menu and the cursor stays at "**Arm**".

Step 9. Press "**OK**" to select "**Arm**" and to arm the system.

<NOTE>

☞ If a sensor is by-passed, then the Contorl Panel will not respond to its triggering in Arm mode.

☞ The by-pass setting is effective for only one time, once the system is disarmed, the by-pass setting is cleared automatically.

☞ When a sensor is by-passed, the system can be armed directly regardless of its fault situation (if any). However, its fault situation is still being monitored and will be logged and displayed when you access the "**Log**" submenu.

VII. Alarm Activation

For Alarm Activation by Events and Control Panel Responses, please refer to the following table:

Control Panel Mode & Response Table

Type of Alarm	Alarm Abbr	Disarmed	Away Arm	Home Arm	Exit	Away Arm Entry	Home Arm Entry
Burglar	"B"	No Response	Instant Burglar Alarm	Instant Burglar Alarm	No Response	No Response	No Response
Home Omit	"O"	No Response	Instant Burglar Alarm	No Response	No Response	No Response	No Response
Home Access	"A"	No Response	Instant Burglar Alarm	Start Entry Timer	No Response	No Response	No Response
Entry	"E"	No Response	Start Entry Timer	Start Entry Timer	No Response	No Response	No Response
Delay	"D"	No Response	Instant Burglar Alarm	Instant Burglar Alarm	No Response	No Response	No Response
24 HR.	"H"	Burglar Alarm	Burglar Alarm	Burglar Alarm	Burglar Alarm	Burglar Alarm	Burglar Alarm
Medical	"M"	Emergency Alarm	Emergency Alarm	Emergency Alarm	Emergency Alarm	Emergency Alarm	Emergency Alarm
Fire	"F"	Fire Alarm	Fire Alarm	Fire Alarm	Fire Alarm	Fire Alarm	Fire Alarm
Water	"W"	Water Alarm	Water Alarm	Water Alarm	Water Alarm	Water Alarm	Water Alarm

VIII. Stop the Alarm and Alarm Display

During any alarm, the Control Panel wil sound its siren and report to the Phone number programmed previously. The display will show as below:

A	L	A	R	M	!		A	L	A	R	M	!			
			A	L	A	R	M	!		A	L	A	R	M	!

1. Stopping the Alarm

During an alarm, to stop the siren and clear display:

Step 1. Key in your PIN code, followed by "**OK**".

<NOTE>

☞ If you press any key other than the first digit of your PIN code, the screen will prompt you to enter your PIN code.

Step 2. If the PIN code is correct, then the alarm sounding will be stopped.

If the alarm is stopped before reporting process begins:

Step 3A. The screen will show you which device that triggered the alarm with its zone number displayed:

A	l	a	r	m		S	t	a	r	t	e	d		B	y
0	1	).	I	R		H	a	l	l	w	a	y			

Step 4A. Press "**OK**"

Step 5A. If there are more than one alarm events have been raised, the Control Panel continues displaying the 2nd alarm event with "**02).**" Stating at the beginning of the 2nd line.

Step 6A. Repeat pressing further keys until all the alarm events are displayed thoroughly then the display will show:

S	y	s	t	e	m		r	e	a	c	h	e	d		
N	o	n	e												

Step 7A. Press "**OK**", the display returns to "**Alarm off**".

<NOTE>

☞ Press " ↻ " or no key is pressed within 5 sec. the screen returns to 1st device display. You can repeat from the beginning to view the alarm event one more time.

☞ No alarm reporting will be made. However one "**OPEN**" report by the user will be reported.

If the alarm is stopped before reporting is finished:

Step 3B. The screen will show you which device triggered the alarm with its zone number displayed:

A	l	a	r	m		S	t	a	r	t	e	d		B	y
0	1	).	I	R		H	a	l	l	w	a	y			

Step 4B. Press "**OK**"

Step 5B. If there are more than one alarm events have been raised, the Control Panel continues displaying the 2nd alarm event with "**02).**" Starting at the beginning of the 2nd line.

Step 6B. Repeat pressing further keys until all the alarm events are displayed thoroughly then the display will show:

S	y	s	t	e	m		r	e	a	c	h	e	d		
N	o	n	e												

Step 7B. Press "**OK**", the display returns to "**Alarm off**".

If the alarm is stopped after reporting has been finished,

Step 3C. The device that triggered the alarm with its zone number is displayed.

A	l	a	r	m		S	t	a	r	t	e	d		b	y
0	1	).	I	R		H	a	l	l	w	a	y			

● Proceed to display the alarms and clear the alarm displays as specified in **Step 4A ~ Step 6A** in previous section.

Step 4C. After all the alarm events are cleared, then the display will show:

S	y	s	t	e	m		r	e	a	c	h	e	d
2	6	9	4	0	6	7							

Step 5C. Press "**OK**", the display returns to "**Alarm off**".

<NOTE>

☞ When an alarm (other than Panic Alarm) is raised, press the "**Disarm**" button on the Remote Controller will also stop the alarm (Optional).

☞ Panic Alarm must be silenced at the Control Panel. This is to prevent the Remote Controller from being snatched from the user and silence the alarm using the Disarm button.

2. Alarm memory

If an alarm was raised without being silenced during your absence, and the alarm reporting has been carried out; the screen will stay on the "**Alarm warning**" display.

A	L	A	R	M	!		A	L	A	R	M	!	
		A	L	A	R	M	!		A	L	A	R	M	!

● When you come back and disarm the system by pressing the **DISARM** button on the Remote controller, the "**Alarm warning**" display still remains unchanged.

● To clear the display, follow the same steps as "**Stopping the Alarm**" described above, you can see the source of the alarm.

● If more than one alarm events including "**Device Tampered**" have occurred, repeated pressing further keys, the alarm events will be displayed one by one sequentially until all events have been displayed, then the screen returns to "**Alarm off**".

IX. Event Log

The alarm log memorises the last 20 system events including

✓ All Alarm Events with Device ID

✓ All Fault Warning Events

✓ All Arming And Disarming Events

✓ Remote Control Event

● The logged events are displayed in reversed chorological order, (most recent event first).

● The log is marked with a "**Start**" label before the most recent entry and "**End**" after the oldest entry.

● To View Log:

Step 1. Key in the user code and press "**OK**" while in Disarm mode to access User's Menu.

Step 2. Press the "▼" key repeatedly to select "**Log**" and then press "**OK**" and the start of the log will be displayed.

				S	T	A	R	T					
	0	8	:	0	2		1	6	D	e	c		

Step 3. The log can now be scrolled up and down and viewed with the "▲", "▼" keys; the most recent event will be at the start.

Step 4. An example of logged event is given below; where the first line tells the time and date of the event, the second line tells the type of event and the third line either states the User or the device that caused the event. Abbreviation as "**DC**" stands for Door Contact, "**LB**" is short for low battery, "**Tamp**" means Tamper where "**Rest**". is short for restore.

0	2	:	3	8		0	1		J	a	n		
D	i	s	a	r	m								
U	s	e	r		1								

0	2	:	4	0		0	2		J	a	n		
P	a	n	i	c									
D	A	V	I	D		R	C						

X. Power Switch

Step 1. Select "**Control PSS (Powerswitch)**" and then the following screen will be displayed.

C	h	a	n	n	e	l		1
C	h	a	n	n	e	l		2
C	h	a	n	n	e	l		3
C	h	a	n	n	e	l		4
C	h	a	n	n	e	l		5
C	h	a	n	n	e	l		6
C	h	a	n	n	e	l		7
C	h	a	n	n	e	l		8

Step 2. Select the desired Power Switch (Channel number) and then press "**OK**".

	T	u	r	n		O	n				
	T	u	r	n		O	f	f			

If the user choose to Turn On the power switch, then, power switch will automatically power on and activated. On the other hand, if the user choose Turn off, then power switch will be power off and deactivated.

The user can set any of those eight power switch freely according to their own need.

<NOTE>

☞ When the user is turning the power switch modules ON/OFF from CTC-1132 panel, they should wait for at least 4 seconds between each operation.

XI. False Alarm Management

CTC-1132 has a regulatory false alarm management facility built-in:

✓ Dual-Ply Entry Wanring

✓ Sequential Verification Alarm Reporting

1. Dual-Ply Entry Warning

● This is to warn the user that an alarm report to the Emergency Phone Numbers is about to be made

● When a zone that is not programmed for delay is violated during the Entry Delay, or the correct PIN code was not entered within the programmed Delay period, a 30-sec internal alarm is given before an alarm report is made.

● If a valid user PIN code is entered within the 30 seconds, the alarm will be aborted and the system returns to normal status.

● If no valid user PIN code is entered, a burglar alarm will be sent.

2. Sequential Verification Reporting

● A sequential verification alarm report is generated when a second alarm from a different Burglar Door Contact or Burglar PIR is registered within a 30-min period.

● This Sequential Verification Report will be sent in addition to the alarm report.

● Alarms cannot be verified after the Entry Delay has been initiated.

XII. Faulty Situations

● The Control Panel is capable of detecting following fault events:

✓ Control Panel Low Battery

✓ AC Power Fail

✓ Sensor Out-of-order

✓ Sensor Low Battery

✓ Device and Control Panel Tamper

✓ Interference Detection

✓ GSM isn't ready

✓ GSM PUK

✓ GSM PIN Code

● In case any fault condition is detected, the Control Panel will respond with a "**Fault**" display and/or "**Fault**" alarm respectively according to the nature of the faulty event.

● **Device Sabotaged**

■ The Control panel, Door Contact, Remote Keypad & PIR sensors are "**Tamper**" protected.

◆ **Control Panel**

A Tamper switch protects CTC-1132 from any removal attempts away from its cross mounting bracket

Another Tamper switch protects the Power Supply Lid from being opened or removed.

◆ PIR Sensor

● For IR-7 & 8

A Tamper switch protects the enclosure from being opened.

● For IR-9

A Tamper switch protects the enclosure from being opened.

A Back-Tamper protects the unit from being removed from its mounting site

◆ Door Contact

A Tamper switch protects the enclosure from either being opened or being removed from the mounting surface.

● **Sensor Low battery**

If the battery voltage of PIR sensor, Door Contact, Remote Keypad, Water Sensor, Remote Controller or Smoke Sensor is low, a "Sensor Low Battery" message will be detected.

● **Sensor out-of-order**

After installation of the PIR sensor, Door Contact, Water Sensor or Smoke Sensor, a periodic supervision signal will be transmitted at intervals between 60 min. to 100 min.

If the Control Panel did not receive the signals transmitted from any individual sensor for a period of preset supervision timer Hours Hours, a "**sensor out-of-order**" fault event will be detected and displayed.

● **Interference**

CTC-1132 can detect interference on both 433 Mhz and 868 Mhz frequency band.

After a continuous interference signal is present for more than 30 seconds, an interference event can be logged, reported and displayed on the LCD (if Fault Display submenu is chosen).

● **GSM isn't ready**

If the SIM card is found missing, a warning message will be generated.

◆ Panel SIM Card?

This indicates that you need to insert the GSM SIM Card. *Please refer to Page 16, IV Special Settings, Section 14.*

◆ Panel GSM PIN Code

You will need to set up your own PIN code.

◆ Panel GSM Signal?

Please change the position of CTC-1132 control panel to get better GSM signal.

◆ Panel GSM Fault

Please re-start your CTC-1132 control panel

◆ Panel GSM PUK?

SIM Card has been locked, please call your service provider for help.

1. Fault Message Display

● When any fault situation persists, the Control Panel will respond as below when it is in Disarmed mode:

  ■ The Yellow LED will light to indicated the fault condition

  ■ The LCD will display the type of fault and the source of the fault in the "**Fault Display**" section of the User Menu.

  ■ A warning beep will sound at every 30 seconds.

  ■ If a fault condition is detected while the system is in full arm mode, the fault event display will not be generated until the system is disarmed.

2. Clearing Fault Message Display

● The Yellow LED will turn off automatically once all of faulty conditions are restored, or any faulty devices are removed. It cannot be cleared manually.

● On the contrary, the fault message display retains even if the faulty conditions have been restored.

● The fault message can only be cleared manually after the fault condition has been rectified.

3. Viewing/Clearing the Fault Message

To check what the fault condition is,

Step 1. When the system is in Disarmed mode. Enter your PIN Code followed by "**OK**".

Step 2. The screen will display

		F	a	u	l	t		D	s	p					
		A	r	m											

and the cursor stays at "**Fault Dsp**"

Step 3. Press "**OK**" to select "**Fault Dsp**"

Step 4. All the fault events are listed. Use "▲","▼" key to move the cursor downwards or upwards. The screen is also scrolled down or up respectively.

Step 5. After viewing all the fault events, press " ↻ " key, a prompt message is displayed.

		C	l	e	a	r		F	a	u	l	t			
			D	s	p	:			(	O	K	?	)		

Step 6. After the fault condition has been rectified, press "**OK**" and the fault event will be cleared and the screen returns to "**Alarm off**".

<NOTE>

☞ In **Step 6**, if " ↻ " key is pressed, the screen returns to "**Alarm off**", and the Yellow LED stays on, the Control Panel keeps sounding a short beep every 30 seconds, and the fault event display retains.

☞ If the fault condition has not been rectified, the fault event display will not be cleared. It will come on again while you try to arm the system and the faulty condition inhibits the system from being armed, the fault message will be displayed again. The fault event display can be cleared only after the fault condition has been rectified.

☞ Even when the fault messgae is cleared, the fault event will still retained in the "**Log**".

4. Fault Event Response

● When a fault condition is detected, in addition to the fault display, the Control Panel will also respond separately according to the nature of the fault event.

■ **AC Power Fail**

◆ Only the yellow LED will light and the fault message will be displayed, no further action will be taken.

■ **Control Panel Low Battery**

◆ Any time the Panel battery Low is detected, yellow LED will light while this fault message can be viewed on LCD under "**Fault Display**".

■ **Panel Sabotaged**

◆ If the Tamper switch on the Control Panel is triggered while the system is in Armed and/or Home mode, the Control Panel will sound an audible alarm and report "**Burglary**" alarm.

◆ While if the system is in Disarm mode, no alarm will be generated.

■ **Sensor Low Battery**

◆ If the low battery is detected on any sensor, yellow LED will light up at any time while its fault message can be viewed on LCD under "**Fault Display".**

◆ **Sensor Sabotaged**

◆ If the Tamper switch on the PIR Sensor or Door Contact is triggered while the system is in Arm & Home mode, the Control Panel will sound an audible alarm and report "**Burglary**" alarm .

◆ While if the system is in Disarm mode, no alarm will be generated.

■ **Sensor out-of-order**

◆ The PIR Sensor, Door Contact, Water Sensor and Smoke Detector will send supervised-signal to the Panel at intervals between 60~100 min. The system will according to the setting of the supervision send report.

When the Control Panel cannot receive the supervised signal from the device for preset supervisory period, the Control Panel will sound an audible alarm and yellow LED will light while this fault message can be viewed on LCD under **"Fault Display"**.

GSM module missing	—	**"GSM Missed"**
GSM Pin Code, Incorrect/missing	—	**"GSM Pin Code"**
GSM locked by PUK	—	**"GSM PUK"**
SIM Card missing	—	"GSM isn't Ready"

<NOTE>

☞ The supervision function activates in Arm/Home/Disarm Mode.

☞ For Setting Supervision, please refer to IV. Special Setting 13. Supervision.

◆ While the system is in Disarmed mode, no alarm event will be generated.

■ **Interference**

◆ When the system is programmed with Interference Detection On, and when there is an interference detected for 30 seconds, the yellow LED will light up and the fault message can be viewed under the "**Fault Display**"..

5. Fault Message Nomenclature

● The fault event message is displayed in short form as below:

Fault Condition	—	Message displayed
Interference	—	"**Interference**"
AC Power Fail	—	"**AC failure**"
Control Panel low battery	—	"**Panel L.B.**"
Control Panel sabotaged	—	"**Panel Tamper**"
Sensor Low Battery	—	(Sensor w/ Zone Name) + "**L.B.**"
Sensor Sabotaged	—	(Sensor w/ Zone Name) + "**Tamper**"
Sensor out-of-order	—	(Sensor w/ Zone Name) + "**out**"
GSM out of Signal	—	"**GSM Signal**"

<EXAMPLE>

If "**DC Z 01 L.B.**" is displayed, it means Zone 1 Door Contact is low battery.

<NOTE>

☞ While you arm the system, if any of Door Contact or PIR is triggered,, arming is also prohibited and the sensor triggered will be displayed as fault message.

Sensor triggered	Message displayed
Door Contact triggered	(DC w/ Zone Name) + **"open"**
PIR triggered	(IR w/ Zone Name) + **"Active"**

6. Remote Control Command

The Unit can be controlled by Remote Control Commands sent via SMS messages.

A. From Regular Phone Lines

Step 1. Dial the GSM phone number of your Control Panel and hang up on the first ring.

Step 2. Dial the Control Panel again after 8~20seconds.

Step 3. You will hear 2 beeps from the Control Panel via phone set.

Step 4. Enter the user pin code (user 1 ~ user 4).

Step 5. If the pin code is correct, you will hear 2 beeps from the Control Panel via phone set.

510	1st Power Switch Close
520	2nd Power Switch Close
530	3rd Power Switch Close
540	4th Power Switch Close
550	5th Power Switch Close
560	6th Power Switch Close
570	7th Power Switch Close
580	8th Power Switch Close
51101~51199	1st Power Switch Open for 1 Hour to 99 Hours
52101~51199	2nd Power Switch Open for 1 Hour to 99 Hours
53101~51199	3rd Power Switch Open for 1 Hour to 99 Hours
54101~51199	4th Power Switch Open for 1 Hour to 99 Hours
55101~51199	5th Power Switch Open for 1 Hour to 99 Hours
56101~51109	6th Power Switch Open for 1 Hour to 99 Hours
57101~51109	7th Power Switch Open for 1 Hour to 99 Hours
58101~51199	8th Power Switch Open for 1 Hour to 99 Hours

<NOTE>

☞ **5-digit Control Command Format:**

C	C	C	D	D
The Number of the Power switch			Open-period for hour	

CCC = The Number of the Power switch. E.g. (**511**) is the 1st Power switch, (**521**) is the 2nd Power switch

DD= Open-period for hour, (**01**) is Power switch open for one hour, (**99**) is Power switch open for 99 hours.

NOTE! Enter a space between each command.

☞ If you set the open-period for 2 hours, it means when the Panel receives the command, the power switch will turn on for 2 hours and turn off after 2 hours.

<NOTE>

☞ In **Step 5**, the first digit of pin code should be entered within 3 sec.

☞ In **Step 5**, a valid pin code should be entered with 20 sec. otherwise the Panel will hang up automatically.

Step 6. Enter the 2-digit DTMF Control Command. When the Command is correct, you will hear 2 beeps; if the Command is uncorrect, you will hear 1 beep. For DTMF control commands must the GSM signal be good, if not use SMS.

● **DTMF Remote Control Command Table**

Control Command	Result
00	Hang up the phone
01	"Listen-in"
10	Disarm
11	Arm
20	UR#1 deactivate
21	UR#1 activate
30	UR#2 deactivate
31	UR#2 activate

B. Via SMS message

● **SMS Remote Control Command Table**

Control Command	Result
00	Hang up with Confirmation
10	Disarm
11	Arm
20	UR#1 deactivate
21	UR#1 activate
30	UR#2 deactivate
31	UR#2 activate

<EXAMPLE:>

A. For 2-digit Remote Control Command

- Send the SMS message to command the Unit to enter Arm Mode and send a confirmation SMS back to your mobile phone. The format is:

M	I	C	H	A	E	L	1	2	3	4	1	1	0	0
The programmed SMS keyword							User PIN Code				Remote Control Command		Confirmed	

<NOTE>

☞ A confirmation SMS message will read on your mobile phone as:

"Confirmed, MICHAEL 1234 11 00"

- Send the SMS message to command the Unit to enter Arm Mode without a confirmation SMS back to your mobile phone. The format is

M	I	C	H	A	E	L	1	2	3	4	1	1
The programmed SMS keyword							User PIN Code				Remote Control Command	

B. For 3-digit Remote Control Command

The 3-digit Remote Control Command is used for turning off the Power switch.

- Send the SMS message to command the Unit to turn off the Power switch # 2, and send a confirmation SMS back to your mobile phone. The format is:

J	O	E	1	2	3	4	5	2	0	0	0
The programmed SMS keyword			User PIN Code				Power switch Number		Confirmed		

<NOTE>

☞ A confirmation SMS message will read on your mobile phone as:

"Confirmed, Joe 1234 520 00"

- Send the SMS message to command the Unit to turn off the Power switch # 2 without a confirmation SMS back to your mobile phone. The format is

J	O	E	1	2	3	4	5	2	0
The programmed SMS keyword			User PIN Code				Power switch Number		

C. For 5-digit Remote Control Command

- Send the SMS message to command the Unit to turn on the Power switch # 2 for 1 Hour and than turn off, and send a confirmation SMS back to your mobile phone. The format is:

J	O	E	1	2	3	4	5	2	1	0	1	0	0
The programmed SMS keyword			User PIN Code				Power switch Number			Time		Confirmed	

<NOTE>

☞ A confirmation SMS message will read on your mobile phone as:

"Confirmed, Joe 1234 52101 00"

- Send the SMS message to command the Unit to turn on the Power switch # 2 for 1 Hour and than turn off without a confirmation SMS back to your mobile phone. The format is:

J	O	E	1	2	3	4	5	2	1	0	1
The programmed SMS keyword			User PIN Code				Power switch Number			Time

XIII. Dialing & Call Acknowledgment

1. Auto Dialing

- If the system is in Arm mode, when an alarm occurs, the Control Panel will immediately dial the phone numbers you preset and play the recorded messages.

- If the system is in Home mode or Disarmed mode, when an audible alarm is initiated, the Control Panel will wait 15 seconds and then dial the phone numbers.

- After dialing, the Control Panel will delay 5 seconds then starts to play the message. It firstly played the general part of the recorded message (address) then plays the specific alarm message (Burglar, Fire, Medical or Panic) depending on the nature of the alarm.

- To ensure the call is successfully received by the recipient, the recipient should acknowledge the message by pressing the appropriate button on his telephone set.

- The Control Panel, while playing the message, will check if there is any acknowledgement signal being received. If the recipient does not acknowledge the call, the message will be repeated for a period of 80 seconds; the Control Panel will then consider the call as unsuccessful and will try to dial the next phone number in priority.

- If more than one number is programmed the Control Panel will continue to dial the number(s) until two emergency calls are successfully answered with either keys or **"0"**, or closed down with a key **"9"** acknowledgement.

<u>*<NOTE>*</u>

☞ CTC-1132 Auto-Dialling features only operate under Tone-Dialling method.

2. Call Acknowledgment

- If the recipient successfully receives the call, the recipient should acknowledge it by pressing the DTMF **"0"** or **"9"** button on the telephone set..

Acknowledging with signal 1

The recipient can press "**1**" to acknowledge the call and also initiate a One-Way Listen-In Channel for 2 minutes. This channel allows the recipient to listen in to what is happening to the other side of the line.

During the Listen-in period the CTC-1132 will sound one audible beep via the

telephone handset signaling 20 secs time remaining alerts to the call Recipient.

Press **DTMF 1** can extend another 2 mins

If the Listen-in period expires without DTMF command press, the call will automatically hang-up

Acknowledging with signal 0

If the recipient presses **"0"** on the phone set as the acknowledging signal. The Control Panel will take the following actions.

✓ The Control Panel will go back on-hook.

✓ The Control Panel will continue alarming.

✓ The Control Panel will try to dial the phone numbers of the next priorities until two recipients have acknowledged the call.

Acknowledging with signal 9

If the recipient presses **"9"** on the phone set as the acknowledging signal, the following will happen:

✓ The Control Panel will go back on-hook.

✓ The Control Panel will stop alarming and stop dialing.

3.Auto Redial

- When only one Emergency phone number is stored and that number is engaged, the Control Panel will automatically redial that number up to maximum of 5 times with an interval of 62 sec. between dialing attempts.

- When more than one telephone numbers

are stored, the Control Panel will dial in accordance to the set priority order. If the number being dialed is engaged, it will try the next number. Each number will be tried a maximum of 5 times and the redial interval between each number is 5 sec.

- The maximum number of times the Control Panel will retry is 15 times.

<NOTE>

☞ If no phone Number is programmed, the Control Panel will not dial.

☞ When dialing a pager number, the Control Panel will only send the identity code, it will not play the message and the call is not considered to be successful.

☞ The same pager number will be dialed only once.

Appendix

I. Reset Procedure

◆ Reset to Factory Default Setting

The Control Panel can clear all programmed parameters by the following sequence:

Step 1. Power down Control Panel and remove the battery

Step 2. Apply power while holding down the "▲" key.

Step 3. Release the "▲" key when a tone is heard, "Enter Code" will be displayed.

Step 4. Enter the following keys sequence: "▲▼▲▼▲▼▲▼", "OK"

Step 5. The display will show:

		R	e	s	e	t		E	e	p	r	o	m	
										Y	/	N		

Step 6. Press **OK**.

Step 7. All programmed parameters are reset to factory default setting.

<NOTE>

☞ Once the "**System Reset**" is executed, all the programmed data are returned to its default value and all the devices having been learnt-in are removed. You have to do the programming and learn in the device one by one again.