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# Medi Guardian MKII 4G



## INSTALLATION MANUAL

[Medi Guardian MKII 4G Installation Manual v1.1](#)

# Medi Guardian MKII 4G Model New Features

- Programmable over internet data network as well as SMS & Computer direct connect
- Software & Firmware upgrades over the Cellular Network (Auto or manually)
- Will support LTE as well as 4G Data & 3G voice

## 1. Contents

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## 2. Equipment List

**A Medi Guardian MKII 4G consists of the following equipment:**

- 1. Medi Guardian MKII 4G**
- 2. Waterproof 2 Way Pendant (106-183)**
- 3. 9VDC 300mA Regulated Plug Pack (840-050)**
- 4. User Manual (890-475)**

# 3. Introduction

Your SmartLink Medi Guardian MKII 4G has been designed to provide you with the freedom and peace of mind in that, should you need assistance or HELP, it is available to you 24 hours a day with the simple press of a Button.

The modern slim line design of the SmartLink Medi Guardian MKII 4G allows it to be installed unobtrusively anywhere and is ready when you need help. HELP can be summonsed by pressing a Button on your personal Pendant or Wristwatch, which you can wear both inside your home or outside in the garden, ready for any emergency, giving you the freedom you enjoy for total control at all times.

The SmartLink Medi Guardian MKII 4G has been built to the highest of technical standards for the protection of people and property and manufactured to Australian and International quality standards.

Your SmartLink Medi Guardian MKII 4G can be supplied with additional fixed or portable Radio Key Pendants, which can be worn or placed around the home as needed. Please contact your supplier for more information.

## RADIO KEY PENDANTS & DETECTORS

**Wrist/Neck Chain  
or Fixed Waterproof  
2 Way Pendants**

**(106-183)**



**(915.8 to 927.2 MHz)**

**PSA 240VAC  
Smoke Detector  
Interface  
TWR - 3 Wire**

**(106-293)**



**PSA 240VAC  
Smoke Detector - 9V  
Lithium Rech/Battery  
LIF5800RL/2**

**(100-014)**



**Neck Chain or  
Wristwatch Waterproof  
VIBRATING 2 Way Pendant**

**(106-223)**



**TWR LUX PIR with inbuilt  
LED Night Light (Inactivity)  
(2 x CR123A 3V Batteries)**

**(100-835)**



**TWR Wireless  
Smoke Detector  
(2 x CR123A 3V Batteries)**

**(100-838)**



# 4. Guardian Features

**Plug Pack  
9V DC 300mA  
(Part No. 840-050)**



**Rechargeable Battery  
4.8V Ni-MH 1600mAh  
(Part No. 142-031)**

**Direct Serial DB9 Pin  
Programming Lead  
(Part No. 450-185)**



**Hardwired Inputs & Outputs  
Lead Assy 230mm 6 Way  
(Part No. 450-191)**

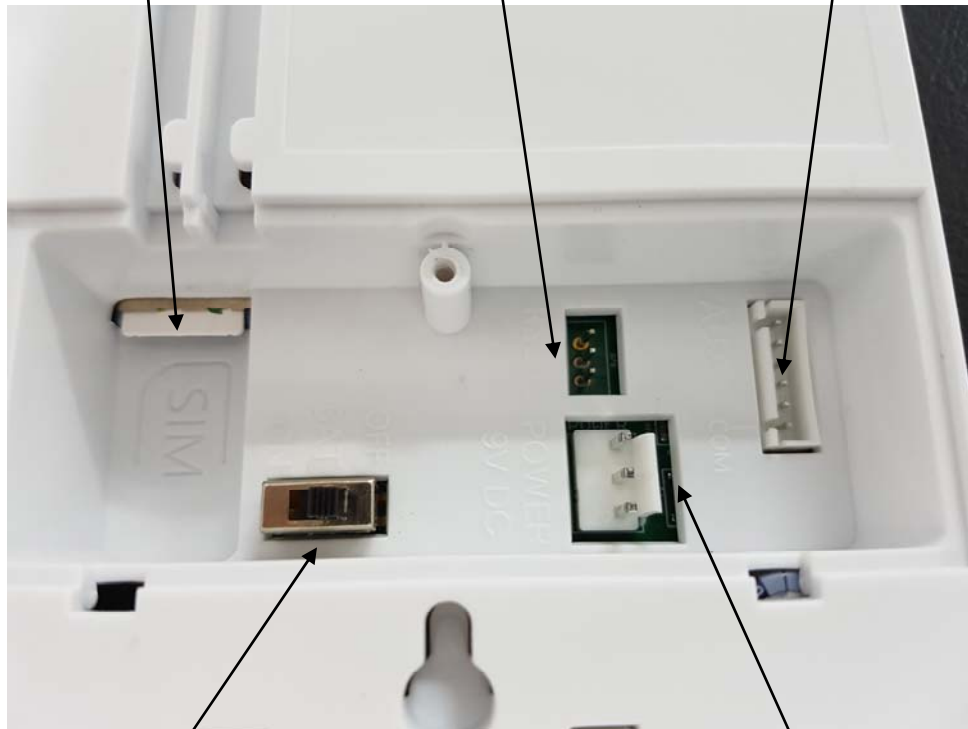
**Common - Black  
Input 1 - Red  
Input 2 - White  
Output 1 - Green  
Output 2 - Brown  
Output 3 - Blue**



**SIM Card**

**RS232 Programming**

**Aux Inputs/Outputs**






**Battery ON-OFF Switch**

**POWER 9VDC ONLY**

# 5. Programming

## 5.1 Programming Rules

The easiest way to program the Medi Guardian MKII 4G Unit is to use the large **CANCEL (Green) Button** and the **HELP (Red) Button** on the Medi Guardian MKII 4G.

1		Press the <b>CANCEL (Green) Button</b> on the Medi Guardian MKII 4G to <b>scroll through</b> the Main Menu Options or the Sub Menu Options.
2		Press the <b>HELP (Red) Button</b> on the Medi Guardian MKII 4G to <b>view the programmed value</b> for that option. The values will be displayed flashing. To step through values, press the <b>HELP (Red) Button</b> again.
3		To <b>store an option</b> selected, press the <b>CANCEL (Green) and HELP (Red) Buttons</b> at the same time. The Medi Guardian MKII 4G will beep twice while flashing the display to acknowledge that the option has been selected.

## 5.2 Programming Options

NOTE: If NO Buttons on the Medi Guardian MKII 4G or the Radio Key Pendants have been pressed within 1 minute, the Unit will revert back to NORMAL OPERATION MODE (NB: A Client Account Number and at least one Phone Number must be programmed in for the Medi Guardian MKII 4G to Exit Program Mode and enter Normal Operation Mode).

### To enter Programming Options:

1. The Medi Guardian MKII 4G must be turned Off by unplugging the Mains & the Battery Switch must also be Off.
2. Turn the Battery Switch to On and plug in the Mains.
3. Medi Guardian MKII 4G will display the version number eg. “1.1” for 2 seconds and beep once.
4. “PE” is displayed to indicate that it is in Programming Options.
5. Now go to **Section 6. Programming Options**.

## 5.3 Product Programming (Default = Medi-Minder Ademco)

**Note: Skip this Section if you're NOT changing the Product Type.**

The Product Type is programmed by entering the Special Code on the Medi Guardian MKII 4G. This will reset all Programming Options and will have to be completely reprogrammed again in the new mode. If the code is unknown then the Medi Guardian MKII 4G will default to the previous Product Type and it's Option Programming will be maintained. The Medi Guardian MKII 4G will remain in this Mode for only **1 minute** if the code hasn't been entered.












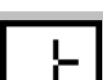


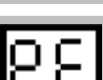
### To enter Product Programming:

1. The Medi Guardian MKII 4G must be turned Off by unplugging the Mains & the Battery Switch must also be Off.
2. Hold down the **CANCEL (Green) and HELP (Red) Buttons** and Power up the Medi Guardian MKII 4G.
3. Medi Guardian MKII 4G will beep once while “PP” will be display to indicate that it's in Product Programming.
4. **Using the CANCEL (Green) and HELP (Red) Buttons, a Code may be entered as follows:**
  - a. **Medi Guardian MKII 4G ADEMCO** - Press **CANCEL, CANCEL, CANCEL, HELP**
  - b. **Medi Guardian MKII 4G CONTACT ID** - Press **CANCEL, HELP, CANCEL, HELP**
  - c. **Medi Guardian MKII 4G BRITISH DTMF** - Press **HELP, HELP, CANCEL, HELP**
5. Press the **CANCEL (Green) and HELP (Red) Buttons at the same time** to acknowledge end of Product Programming. The Medi Guardian MKII 4G will beep once while “PE” is displayed to indicate that it is in Programming Options. **Now go to Section 6. Programming Options.**

# 6. Programming Options

## 6.1 Programming Main Menu Options

The easiest way to program the Medi Guardian MKII 4G Unit is to use the large CANCEL (Green) Button and the HELP (Red) Button on the Medi Guardian MKII 4G. Press the CANCEL (Green) Button to scroll through the Main Menu Options.

Option	Page	Descriptions
	7	CLIENT ACCOUNT Programming Options
	7	PHONE NUMBERS Programming Options
	8	SERVER Options
	9	PENDANTS Programming Options
	10	DETECTORS Programming Options
	11	HARDWIRED INPUTS Programming Options
	11	AUXILIARY OUTPUTS Programming Options
	12	PREFERENCES Programming Options
	16	SYSTEMS Programming Options
	17	CELLULAR Options
	18	DAYLIGHT Programming Options
	19	TIMERS Programming Options
	20	REPORTS Programming Options
	21	DOORBELL TUNES Programming Options
	21	EXIT PROGRAM MODE

## 6.2 Programming Sub Menu Options

The Sub Menu Options are displayed for each particular Main Menu Option.

### 6.2.1 CLIENT ACCOUNT NUMBER Programming Option



#### Client Account Number (Default - unprogrammed)

**Note - ADEMCO & CONTACT ID Versions - 4 Digits Only.**

**Note - BRITISH DTMF Version only - up to 12 Digits maximum.**



1. “\_A” is displayed. Press the HELP Button.
2. “CA” is displayed. Press the HELP Button again to view programmed Client Account Number. The programmed Client Account Number will flash on status display. If you wish to view the Client Account Number again, press the CANCEL and then HELP Button. “-” is displayed and flashes on the unit.
3. Pressing the HELP Button again to step through the digits (1, 2, 3, 4, 5, 6, 7, 8, 9 and 0). To **STORE** each digit, press the CANCEL and HELP Buttons at the same time to store each digit. The unit will beep twice and display the next digit to be programmed. Repeat this process until all digits are programmed.
4. Press the CANCEL Button to display the programmed Phone Number stored. The unit will flash on status display for each digit and beep twice at the end of the Client Account Number stored.
5. Press the CANCEL Button to move to the next Program Option.

### 6.2.2 PHONE NUMBERS Programming Options - 30 Digits Maximum



#### Primary Phone Number - Monitoring Centre Phone Number 1



1. “\_n” is displayed. Press the HELP Button.
2. “n1” is displayed. Press the HELP Button again to view programmed Phone Number. The programmed Phone Number will be flashed on status display. If you wish to view the Phone Number again, press the CANCEL and then HELP Button. “-” is displayed and flashes on the unit.
3. Pressing the HELP Button again to step through the digits (0, 1, 2, 3, 4, 5, 6, 7, 8, 9, t, H and -). To **STORE** each digit, press the CANCEL and HELP Buttons at the same time to store each digit. The unit will beep twice and display the next digit to be programmed. Repeat this process until all digits are programmed.
4. Press the CANCEL Button to display the programmed Phone Number stored. The unit will be flashed on status display for each digit and beeps twice at the end of the Phone Number stored.
5. Press the CANCEL Button to move to the next Program Option.



#### Secondary Phone Number – Monitoring Centre Phone Number 2



#### Mobile Phone Number 1 – VOICE Only Reporting



#### Mobile Phone Number 2 – Mobile Phone TEXTING/MESSAGES



#### Default Values – Deletes/Erases all the Phone Programming to Default Values

**Warning! This will Deletes/Erases all Programmed Phone Numbers n1 to n4**

6. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL Phone Numbers (n1 to n4) have been Erased.
7. Press the CANCEL Button to move to the next Program Option.



**Note: The easiest way to program the  
SERVER Programming Options is to use the  
SmartLink Up/Download Programmer Software (Medi-Minder Guardian MKII 4G)**

**Server 1 IP Address - (up to 30 Digits/Characters Maximum)**

-	<b>Note: Programmed as the first Digit will delete Server 1 URL</b>
---	---

0	to	9	<b>Digits - 0 to 9</b>
---	----	---	------------------------

.	<b>Dot</b>
---	------------

A	to		<b>Characters - A to Z and a to z</b>
---	----	--	---------------------------------------

1. “\_N” is displayed. Press the HELP Button.
2. “S1” is displayed. Press the HELP Button again to view programmed **Server 1 IP Address**. The programmed Server 1 IP Address will be flashed on status display. If you wish to view the Server 1 IP Address again, press the CANCEL and then HELP Button. “-” is displayed and flashes on the unit.
3. Pressing the HELP Button again to step through the digits (**0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 0, ., A to Z**). To **STORE** each digit, press the CANCEL and HELP Buttons at the same time to store each digit. The unit will beep twice and display the next digit to be programmed. Repeat this process until all digits are programmed.
4. Press the CANCEL Button to display the programmed Server 1 IP Address stored. The unit will be flashed on status display for each digit and beeps twice at the end of the Server 1 IP Address stored.
5. Press the CANCEL Button to move to the next Program Option.

**Server 1 Port Number - (up to 5 Digits Maximum)**

-	<b>Note: Programmed as the first Digit will delete Server 1 Port Number</b>
---	---

0	to	9	<b>Digits - 0 to 9</b>
---	----	---	------------------------

6. “P1” is displayed. Press the HELP Button.
7. “-” is displayed. Press the HELP Button again to view programmed **Server 1 Port Number**. The programmed Server 1 Port Number will be flashed on status display. If you wish to view the Server 1 Port Number again, press the CANCEL and then HELP Button. “-” is displayed and flashes on the unit.
8. Pressing the HELP Button again to step through the digits (**0, 1, 2, 3, 4, 5, 6, 7, 8, and 9**). To **STORE** each digit, press the CANCEL and HELP Buttons at the same time to store each digit. The unit will beep twice and display the next digit to be programmed. Repeat this process until **all digits are programmed**.
9. Press the CANCEL Button to display the programmed Server 1 Port Number stored. The unit will be flashed on status display for each digit and beeps twice at the end of the Server 1 Port Number stored.
10. Press the CANCEL Button to move to the next Program Option.

**Server 2 IP Address - (up to 30 Digits/Characters Maximum)****Server 2 Port Number - (up to 5 Digits Maximum)****Default Values – Deletes/Erases all the Server Programming to Default Values**

**Warning! This will Deletes/Erases all Programmed Servers**

11. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL Server Numbers (S1, P1, S2 and P2) have been Erased.
12. Press the CANCEL Button to move to the next Program Option.



## 6.2.4 \_u PENDANTS Programming Options

u1

### User Key 1 (Pendant) Programming - (Ademco & British DTMF)

-	un-programmed	No Radio Key Pendant has been programmed for User Key 1			
HP	Help	Where	ON = Call	OFF = Call	PANIC = Call
CL	Call	Where	ON = Emergency	OFF = Restore	PANIC = Emergency
HC	Help/Call	Where	ON = Call	OFF = Restore	PANIC = Emergency
CH	Call/Help	Where	ON = Emergency	OFF = Restore	PANIC = Call
Sc	Security	Where	ON = Arm	OFF = Disarm	PANIC = Call
An	Answer	Panic - Initiates Call or if rings are detected will answer the incoming phone call			
dE	Dementia	1 Button Blue Radio Key initiates Call on inactivity.			
b1	<span style="border: 1px solid black; padding: 2px;">b2</span> <span style="border: 1px solid black; padding: 2px;">b3</span> Door Bell	1 Button Key where Panic - Initiates Door Bell Tune 1, 2 and 3			
Er	Erase	Erase/Delete Programmed Radio Key.			

#### To Program a NEW Radio Key Pendant (User Key):

1. “\_u” is displayed. Press the HELP Button.
2. “u1” is displayed. Press the HELP Button again on the unit. The unit must display “- ” (unprogrammed). Press any Button on a NEW Radio Key Pendant 3 times. The unit will beep with each Button press and on the third Button press, beep twice to acknowledge the Radio Key Pendant is programmed. The status display will also display and flash “HP” Help to indicate that the Radio Key Pendant is programmed.  
  
NOTE: If the unit gives a long beep on Button presses and displays “- ” it indicates that the Radio Key Pendant has already been programmed into the unit.
3. Then, using the HELP Button to select an option **HP, CL, HC, CH, Sc, An, dE, b1, b2, or b3** for the Radio Pendant. To **STORE** an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.
4. Press the CANCEL Button to move to the next Program Option.

#### To Erase a Radio Key Pendant (User Key):

1. Go to the Pendant Option you wish to erase “u1” to “u8”.
2. Press the HELP Button to select/until an option “Er” Erase.
3. Press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display “- ” to indicate that a Radio Key Pendant has been erased.
4. Press the CANCEL Button to move to the next Program Option.

u1

### User Key 1 (Pendant) Programming - (Contact ID Version only)

-	un-programmed	No Radio Key Pendant has been programmed for User Key 1			
Sc	Security	Where	ON = Arm	OFF = Disarm	PANIC = 120
HP	Medical	Where	ON = Arm	OFF = Disarm	Delay PANIC = 100
du	Duress	Where	ON = Arm	OFF = Disarm	Silent PANIC = 121
dP	Delay Panic	Where	ON = Arm	OFF = Disarm	Delay PANIC = 100
Pc	Panic	Where	ON = Arm	OFF = Disarm	PANIC = 120
An	Answer	Initiates Delay Panic (120) or if rings are detected will answer the Phone Call.			
dE	Dementia	1 Button Blue Radio Key initiates Call on inactivity.			
b1	<span style="border: 1px solid black; padding: 2px;">b2</span> <span style="border: 1px solid black; padding: 2px;">b3</span> Door Bell	1 Button Key where Panic - Initiates Door Bell Tune 1, 2 and 3			
Er	Erase	Erase/Delete Programmed Radio Key.			

u2

### to u8 User Keys (Pendants) 2 – 8 Programming

dF

### Default Values – Deletes/Erases all Programmed User Keys (Pendants) u1 to u8

#### Warning! This will Deletes/Erases all Programmed User Keys (Pendants) u1 to u8

1. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL Radio Key Pendants (User Keys u1 to u8) have been Deleted/Erased.
2. Press CANCEL Button to move to the next Program Option.

## 6.2.5 **d** DETECTORS Programming Options

**d1**

### Detector 1 Programming - (Ademco & British DTMF)

-	unprogrammed	No Detector has been programmed for Detector 1.		
Fi	Fire	24 hour Alarm, always Active (initiates Emergency).		
Al	Alarm	In-active when DISARMED, Active when ARMED (initiates Emergency).		
dE	Inactivity	Alarms if un-active when DISARMED (initiates Emergency on Channel 7 only), In-active when ARMED.		
b1	b2	b3	Door Bell	Sounds the programmed Door Bell Tune 1, 2 & 3 when in DISARMED Mode, acts like a Alarm Detector when in ARMED Mode (initiates Emergency).
Er	Erase	Erase/Delete Programmed Detector.		

#### To Program a NEW Detector:

1. “\_d” is displayed. Press the HELP Button.
2. “d1” is displayed. Press the HELP Button again on the unit. The unit must display “-” (unprogrammed). Trigger a NEW Detector (3 transmissions must be detected). The unit will beep with each transmission and on the third transmission beep twice to acknowledge the Detector is programmed. The status display will also display and flash “Fi” Fire to indicate that the Detector is programmed.  
  
NOTE: If the unit gives a long beep on the first transmission and displays “-” it indicates that the Detectors has already been programmed into the unit.
3. Then, using the HELP Button to select an option **Fi**, **Al**, **dE**, **b1**, **b2**, or **b3** for the Detector .
4. To **STORE** an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.
5. Press the CANCEL Button to move to the next Program Option.

#### To Erase a Detector:

1. Go to the Detector Option you wish to erase “d1” to “d8”.
2. Then, using the HELP Button to select/until an option “Er” Erase.
3. Press the CANCEL and HELP Buttons at the same time. The will beep twice while flashing the display “-” to indicate that a Detector has been erased.
4. Press the CANCEL Button to move to the next Program Option.

**d1**

### Detector 1 Programming - (Contact ID Version only)

-	unprogrammed	No Detector has been programmed for Detector 1.		
Fi	Fire	24 hour Alarm, always Active (133).		
Al	Alarm	In-active when DISARMED, Active when ARMED (130).		
Ho	Home	In-active when DISARMED, Active when ARMED & in HOME Mode (131).		
S.	Silent	In-active when DISARMED, Active when ARMED (Silent 130).		
dE	Inactivity	Alarms if un-active when DISARMED (initiates Emergency on Channel 7 only), In-active when ARMED (355).		
b1	b2	b3	Door Bell	Sounds the programmed Door Bell 1, 2 & 3 tune when in DISARMED or in HOME Mode, acts like an Alarm Detector when ARMED.
Er	Erase	Erase/Delete Programmed Detector.		

**d2**

### to **d8** Detectors 2 – 8 Programming

**dF**

### Default Values – Deletes/Erases all Programmed Detectors d1 to d8

#### Warning! This will Deletes/Erases all Programmed Detectors d1 to d8

1. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL Detectors (Detectors d1 to d8) have been Deleted/Erased.
2. Press the CANCEL Button to move to the next Program Option.

## 6.2.6

**HARDWIRED INPUTS Programming Options****Input 1 (Reports to Channel 5)****Disabled - N/O (Common and Inputs)**Ademco & British DTMF Versions:**Help – Initiates Call when Closed****Call – Initiates Emergency when Closed****Answer – Answer the Phone Call****Door Bell 1 – Door Bell Tune 1****Door Bell 2 – Door Bell Tune 2****Door Bell 3 – Door Bell Tune 3**Contact ID Version only:**Medical – Initiates Panic (100)****Security – Initiates Delay Panic (120)****Duress – Initiates Silent Panic (121)****Answer – Initiates Delay Panic (120)****Door Bell 1 – Door Bell Tune 1****Door Bell 3 – Door Bell Tune 3**

1. “\_i” is displayed. Press the HELP Button on the unit.
2. “i1” is displayed. Press the HELP Button again to view programmed option.
3. “d” is displayed. Pressing the HELP Button to step through **d**, **HP**, **CL**, **An**, **b1**, **b2** and **b3** Options.
4. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.
5. Press the CANCEL Button to move to the next Program Option.

**Input 2 (Reports to Channel 6)****Default Values – Sets all the Inputs Programming Options to Default Values**Warning! This will Sets all Inputs Programming Options to Default Values

1. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL Inputs (Inputs i1 to i2) have been Disabled.
2. Press the CANCEL Button to move to the next Program Option.

## 6.2.7

**AUXILIARY OUTPUTS Programming Options****Auxiliary Output 1 - (Open Collector Output to Ground when Activated)****OFF (Output Disabled)****Enabled Output for 1 to 9 minutes & if Alarm Restored then Output is switched Off.****Toggles Output On when in Alarm & if Alarm Cancelled/Restored then Output is switched Off.**

1. “\_o” is displayed. Press the HELP Button on the unit.
2. “o1” is displayed. Press the HELP Button again to view programmed option.
3. “d” is displayed. Pressing the HELP Button to step through the digits **d**, **1**, **2**, **3**, **4**, **5**, **6**, **7**, **8**, **9** and **t**
4. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.
5. Press the CANCEL Button to move to the next Program Option.

**Auxiliary Output 2 - (Open Collector Output to Ground when Activated)****Auxiliary Output 3 - (Open Collector Output to Ground when Activated)****Radio Programming (Default d = Disabled)****Default Values – Sets all Output Programming Options to Default Values**Warning! This will Sets all Output Programming Options to Default Values

1. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL Outputs (Outputs o1 to o3) have been Disabled.
2. Press the CANCEL Button to move to the next Program Option.



	<b>Unit Help Button - (Ademco &amp; British DTMF Versions)</b>	
	Call = Initiates Emergency	Help = Initiates Call
	<ol style="list-style-type: none"> <li>1. “_P” is displayed. Press the HELP Button.</li> <li>2. “un” is displayed. Pressing the HELP Button again toggles between “CL” Call and “HP” Help.</li> <li>3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press CANCEL Button.</li> </ol>	
	<b>Unit Help Button Channel - (Ademco Version only)</b>	
	1 to 8 = Unit Channel/Zone Reporting 1 to 8	
	<ol style="list-style-type: none"> <li>1. “uC” is displayed. Press the HELP Button to view programmed option.</li> <li>2. “6” is displayed. Pressing the HELP Button again to scroll through digits from “1” to “8”.</li> <li>3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press CANCEL Button.</li> </ol>	
	<b>Unit Help Button - (Contact ID Version only)</b>	
		Panic – Panic 120 (Cancel/Green Button won’t Cancel/Restore Alarm)
		Answer – Entry Delay Panic 120 (Cancel/Green Button Restore & also answers Incoming Call)
		Security – Panic 120 (Cancel/Green Button Cancel/Restore Alarm)
		Medical – Entry Delay Panic 100 (Cancel/Green Button Cancel/Restore Alarm)
		Duress – Silent Panic 121 (Cancel/Green Button Cancel/Restore Alarm)
		Delay Panic – Entry Delay Panic 100 (Cancel/Green Button won’t Cancel/Restore Alarm)
	<ol style="list-style-type: none"> <li>1. “un” is displayed. Press the HELP Button to view programmed option.</li> <li>2. “Pc” is displayed. Pressing the HELP Button again to scroll through (Pc, An, Sc, HP, du and dP).</li> <li>3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press CANCEL Button to move to the next Program Option.</li> </ol>	
	<b>Exit Time</b>	
	10 to 60 Seconds - The time requesting Arm Mode and Medi Unit being in that Mode.	
	<ol style="list-style-type: none"> <li>1. “E1” is displayed. Press the HELP Button to view programmed time. “60” is displayed.</li> <li>2. Pressing the HELP Button again to step through times (10, 20, 30, 40, 50 and 60 in 10 second steps).</li> <li>3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press CANCEL Button to move to the next Program Option.</li> </ol>	
	<b>Entry Time - (Contact ID Version only)</b>	
	0 to 60 Seconds - Time between a Detector triggering and Medi Unit alarming.	
	<ol style="list-style-type: none"> <li>1. “En” is displayed. Press the HELP Button to view programmed time. “10” is displayed.</li> <li>2. Pressing the HELP Button again to step through times (0, 10, 20, 30, 40, 50 and 60 in 10 second steps).</li> <li>3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press CANCEL Button.</li> </ol>	
	<b>Pre-Alarm Time - (Ademco &amp; British DTMF Versions)</b>	
	0 to 60 Seconds - Time between a Key or Detector triggering and Medi Unit alarming.	
	<ol style="list-style-type: none"> <li>1. “PA” is displayed. Press the HELP to view programmed time. “10” is displayed.</li> <li>2. Pressing the HELP Button again to step through times (0, 10, 20, 30, 40, 50 and 60 in 10 second steps).</li> <li>3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press CANCEL Button.</li> </ol>	

<b>Lc</b>	<b>Lockout</b>
<b>E</b>	<b>Enabled - Medi Unit will Lockout any Detector (excluding those programmed with FIRE option) alarms that have alarmed more than 2 times in Arm Mode.</b>
<b>d</b>	<b>Disabled</b>
	<ol style="list-style-type: none"> <li>1. “Lc” is displayed. Press the HELP Button to view programmed option.</li> <li>2. “E” is displayed. Pressing the HELP Button again toggles between “E” Enabled and “d” Disabled.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>Su</b>	<b>Supervision of Detectors</b>
<b>d</b>	<b>d=disable, 1 to 24 Hours - Interval where at least one Supervision signal is expected from each Detector.</b>
	<ol style="list-style-type: none"> <li>1. “Su” is displayed. Press the HELP Button to view programmed time.</li> <li>2. “d” is displayed. Pressing the HELP Button again to step through the digits (d, 1 to 24).</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>In</b>	<b>Inactivity Timer</b>
<b>d</b>	<b>d = disabled, 1 to 200 = 0 to 200 Hours or 201 to 255 = 1 to 55 Minutes</b> <b>Note: Interval where at least one activity signal is expected from each individual Dementia Key or any Inactivity Detector. If a number greater than 255 is programmed, the unit will sound a long beep.</b>
	<ol style="list-style-type: none"> <li>1. “In” is displayed. Press the HELP Button to view programmed time. The programmed time will flash on status display. If you wish to view the programmed time again, press CANCEL and then HELP Button. “-” is displayed and flashes on the unit.</li> <li>2. Pressing the HELP Button again to step through the digits (d, 1, 2, 3, 4, 5, 6, 7, 8, 9 and 0). Press the CANCEL and HELP Buttons at the same time to store each digit. The unit will beep twice and display the next digit to be programmed. Repeat this process until all digits are programmed.</li> <li>3. Press the CANCEL Button to display the programmed time. The unit will flash on status display for each digit and beep twice at the end of the programmed time stored.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>Ir</b>	<b>Inactivity Restore</b>
<b>0</b>	<b>Disabled - Restores only by the UNIT CANCEL (Green) Button.</b>
<b>1</b>	<b>Enabled - Restores if it receives an activity message from the particular Device or by the UNIT CANCEL (Green) Button.</b>
	<ol style="list-style-type: none"> <li>1. “Ir” is displayed. Press the HELP Button to view programmed option.</li> <li>2. “0” is displayed. Pressing the HELP Button again toggles between “0” Disabled and “1” Enabled.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>SH</b>	<b>Quiet - (Ademco &amp; British DTMF Versions)</b>
<b>d</b>	<b>Disabled - Unit beeps on all Key presses and Alarms.</b>
<b>E</b>	<b>Enabled - Unit beeps are suppressed. Unit will answer in LISTEN ONLY MODE. This does not effect the Hands Free Operation.</b>
	<ol style="list-style-type: none"> <li>1. “SH” is displayed. Press the HELP Button to view programmed option.</li> <li>2. “d” is displayed. Pressing the HELP Button again toggles between “d” Disabled and “E” Enabled.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>

<b>Ph</b>	<b>Phone Options</b>
<b>0</b>	<b>Alternates between the programmed Phone No. (ie. n1-&gt;n2-&gt;n3-&gt;n4-&gt;n1-&gt;n2-&gt;etc).</b>
	<p><b>Priority to Monitoring Centre, refer to section Phone Numbers Programming.</b></p> <ol style="list-style-type: none"> <li>1. “Ph” is displayed. Press the HELP Button to view programmed option.</li> <li>2. “0” is displayed. Pressing the HELP Button again toggles between 0 &amp; 1.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>Ac</b>	<b>Answer Call</b>
<b>8</b>	<b>3, 6 or 9 Minutes</b>
	<p><b>Time after an alarm, the voice circuits are enabled for any incoming calls to be automatically answered.</b></p> <ol style="list-style-type: none"> <li>1. “Ac” is displayed. Press the HELP Button to view programmed time.</li> <li>2. “6” is displayed. Pressing the HELP Button again to step through times (3, 6 or 9 minutes).</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>cu</b>	<b>Call Back Unit (Unit Help Button)</b>
<b>E</b>	<b>Disabled or Enabled – Automatically Answers a Incoming Call after an alarm event (Unit Help Button).</b>
	<ol style="list-style-type: none"> <li>1. “cu” is displayed. Press the HELP Button to view programmed option.</li> <li>2. “E” is displayed. Pressing the HELP again toggles between “E” Enabled and “d” Disabled.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>cP</b>	<b>Call Back Pendants</b>
<b>E</b>	<b>Disabled or Enabled – Automatically Answers a Incoming Call an alarm event (Pendants).</b>
	<ol style="list-style-type: none"> <li>1. “cP” is displayed. Press the HELP Button on the unit.</li> <li>2. “E” is displayed. Pressing the HELP again toggles between “E” Enabled and “d” Disabled.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>cd</b>	<b>Call Back Detectors</b>
<b>E</b>	<b>Disabled or Enabled – Automatically Answers a Incoming Call after an alarm event (Detectors).</b>
	<ol style="list-style-type: none"> <li>1. “cd” is displayed. Press the HELP Button on the unit.</li> <li>2. “E” is displayed. Pressing the HELP again toggles between “E” Enabled and “d” Disabled.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>ci</b>	<b>Call Back Inputs</b>
<b>E</b>	<b>Disabled or Enabled – Automatically Answers a Incoming Call after an alarm event (Inputs).</b>
	<ol style="list-style-type: none"> <li>1. “ci” is displayed. Press the HELP Button on the unit.</li> <li>2. “E” is displayed. Pressing the HELP again toggles between “E” Enabled and “d” Disabled.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>

<b>Pb</b>	<b>Pabx Tones</b>
<b>E</b>	<b>Enabled - Unit will automatically hang up if it detects a specific hang up signal (ie. short beep, long gap)</b>
	<p><b>Disabled - Medi Unit will not detect a hang up so call needs to be either, manually terminated (Pressing the * Key twice), pressing the Guardian CANCEL (Green) Button (or the OFF Button on any 3 Button Pendant), or by waiting for the Guardian to time out.</b></p> <p><b>NB: “IF RUNNING ON A PABX SYSTEM, THIS OPTION SHOULD ALWAYS BE DISABLED.”</b></p> <ol style="list-style-type: none"> <li>1. “Pb” is displayed. Press the HELP Button to view programmed option.</li> <li>2. “E” is displayed. Pressing the HELP Button again toggles between “E” Enabled and “d” Disabled.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>rd</b>	<b>Rings Detected</b>
<b>2</b>	<b>2 to 9 Number of Rings to detect before automatically answering after an alarm event.</b>
	<ol style="list-style-type: none"> <li>1. “rd” is displayed. Press the HELP Button to view programmed Number of Rings.</li> <li>2. “2” is displayed. Pressing the HELP Button again to step through digits (2, 3, 4, 5, 6, 7, 8, or 9 Rings).</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>Co</b>	<b>Country Dialing</b>
<b>1</b>	<b>AUSTRALIA (Force DTMF)</b>
<b>2</b>	<b>NEW ZEALAND</b>
<b>3</b>	<b>SINGAPORE, USA &amp; CANADA</b>
<b>4</b>	<b>UK &amp; EUROPE</b>
	<ol style="list-style-type: none"> <li>1. “Co” is displayed. Press the HELP to view programmed option.</li> <li>2. “1” is displayed. Pressing the HELP Button again to step through 1, 2, 3 &amp; 4.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>ud</b>	<b>Up/Download &amp; Remote DTMF Control</b>
<b>1</b>	<b>Enabled all the time and DTMF Enabled</b>
<b>2</b>	<b>Enabled only in Program Mode and DTMF Enabled</b>
<b>3</b>	<b>Enabled all the time and DTMF Disabled</b>
<b>0</b>	<b>Enabled only in Program Mode and DTMF Disabled</b>
	<ol style="list-style-type: none"> <li>1. “ud” is displayed. Press the HELP Button to view programmed option.</li> <li>2. “1” is displayed. Pressing the HELP Button again to step through 0, 1, 2, &amp; 3.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button to move to the next Program Option.</li> </ol>
<b>dF</b>	<b>Default Values – Sets all Preference Programming Options to Default Values</b>
	<p style="text-align: center;"><b><u>Warning! This will Sets all Preference Programming Options to Default Values</u></b></p> <ol style="list-style-type: none"> <li>1. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL Preference Programming Options have been defaulted.</li> <li>2. Press the CANCEL Button to move to the next Program Option.</li> </ol>

## 6.2.9 **S** SYSTEMS Programming Options














<b>SC</b>	<b>System Check (Check signal strength of Pendants and Detectors)</b>	
<b>-</b>	<b>NO Pendants/Detectors Received or 1 to 9 Signal Strength</b>	
	<ol style="list-style-type: none"> <li>1. “S” is displayed. Press the HELP Button. “SC” is displayed. Press the HELP Button. Unit must display “-” to indicate that it is now ready to receive Test Signal Strength from Radio Keys and Detectors.</li> <li>2. To Test a Pendant or Detector, press any Button on a Radio Key Pendant or Trigger a Detector. The unit will beep twice while flashing the display digit (1, 2, 3, 4, 5, 6, 7, 8 or 9). Press the CANCEL Button.</li> </ol>	
<b>Lb</b>	<b>Unit CANCEL (GREEN) Light Brightness</b>	
<b>2</b>	<b>0 = OFF, 1 = Dimmed or 2 = Bright</b>	
	<ol style="list-style-type: none"> <li>1. “Lb” is displayed. Press the HELP Button to view programmed option. “2” is displayed.</li> <li>2. Pressing the HELP Button again to select (0, 1 or 2). To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL to move to the next Program Option.</li> </ol>	
<b>LP</b>	<b>Listen Pin</b>	
<b>E</b>	<b>Enabled for listening to Monitoring Centre communication. Alarms only on first attempt “n1” Primary No.</b>	<b>d Disabled</b>
	<ol style="list-style-type: none"> <li>1. “LP” is displayed. Press the HELP Button to view programmed option. “E” is displayed.</li> <li>2. Pressing the HELP Button again to select between “E” or “d”. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button to move to the next Option.</li> </ol>	
<b>uP</b>	<b>Microphone Sensitivity</b>	
<b>0</b>	<b>0, 1, 2 or 3 Microphone Sensitive</b>	
	<ol style="list-style-type: none"> <li>1. “uP” is displayed. Press the HELP Button to view programmed Microphone. “0” is displayed.</li> <li>2. Pressing the HELP Button again to select (0, 1, 2 or 3) Sensitivity. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button to move to the next Option.</li> </ol>	
<b>SP</b>	<b>Speaker Volume</b>	
<b>2</b>	<b>0, 1, 2 or 3 Speaker Volume</b>	
	<ol style="list-style-type: none"> <li>1. “SP” is displayed. Press HELP Button to view programmed Speaker Volume. “2” is displayed.</li> <li>2. Pressing the HELP again to select (0, 1, 2 or 3) Volume. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button to move to the next Program Option.</li> </ol>	
<b>tL</b>	<b>“tL” Line In Level DTMF (Default 5 = Normal)</b>	
<b>oL</b>	<b>“rL” Line Out Level DTMF (Default 5 = Normal)</b>	
<b>r2</b>	<b>“r2” RS232 Baud Rate (Default 5 = 115200)</b>	
<b>rP</b>	<b>Report Pre-Time (Default 10 = Normal)</b>	
<b>rT</b>	<b>Report Tone Time (Default 7 = Normal)</b>	
<b>rQ</b>	<b>Report Quiet Time (Default 5 = Normal)</b>	
<b>rB</b>	<b>Report Between Time (Default 1 = 100 Normal)</b>	
<b>rR</b>	<b>Radio Repeater (Default d = Disabled)</b>	
<b>dF</b>	<b>Default Values – Sets all System Programming Options to Default Values</b>	
	<p style="text-align: center;"><b>Warning! This will Sets all System Programming Options to Default Values</b></p> <ol style="list-style-type: none"> <li>1. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL System Programming Options have been defaulted.</li> <li>2. Press the CANCEL Button to move to the next Program Option.</li> </ol>	











































































	<b>Cellular Identity</b>
	NB: Cannot be changed but are there for your reference only eg. 359769123456789
	<b>Cellular Type</b>
	NB: Cannot be changed but are there for your reference only eg. SIMCOMSIM5216J
	<b>Cellular Revision</b>
	NB: Cannot be changed but are there for your reference only eg. 1575B06SIM5216
	<b>SIM Identity</b>
	NB: Cannot be changed but are there for your reference only eg. 89610106069123456789
	<b>SIM Provider</b>
	NB: Cannot be changed but are there for your reference only eg. Telstra Mobile
	<b>SIM APN</b>
	<p>“SA” is displayed. Press the Help Button to View SIM APN Programmed digits.</p> <p>“-” is displayed. Pressing the Cancel &amp; Help Buttons at the same time, the unit acknowledges while flashing each digits eg. <b>telstra.m2m</b> or <b>telstra.internet</b> (depending on the Service Provider).</p>
	<b>Cellular Poll Time (default 60 = 60 minutes)</b>
	<p>“Pt” is displayed. Press the Help Button to View Programmed digits (0 to 255 Minutes).</p> <p>To change the Cellular Poll Time, Pressing the Help Button to scroll through digits 0, 1, 2, ..... 8 &amp; 9</p> <p>To Store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</p>
	<b>Cellular Mode (default 2 = Cellular manufacturer mono head set)</b>
	<b>“tL” Cellular Transmit Level (default 255)</b>
	<b>“rL” Cellular Receive Level (default 6)</b>
	<b>Cellular Sidetone Gain (default 3)</b>
	<b>“n5” (default = 0)</b>
	<b>Network AMR (default d = Disabled)</b>
	<b>Network Rate = 0</b>
	<b>Cellular Signal Quality</b>
	<p>“SL” is displayed. (refer to Section 9. Cellular Signal Quality)</p> <p>Press the Help Button and the unit displays the Cellular Signal Quality from 1 to 31 (19 to 31 Very Strong, 6 to 18 Good (Industry Average), below 6 may need relocation or alternate Carrier)</p>
	<b>Default Values – Sets all CELLULAR Programming Options to Default Values</b>
	<p><b><u>Warning! This will Sets all Timers Programming Options to Default Values</u></b></p> <p>“dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL CELLULAR Programming Options have been defaulted.</p> <p>Press the CANCEL Button to move to the next Program Option.</p>

## 6.2.11 DAYLIGHT Programming Options

	<b>DLS Begin Ordinal</b>
	<b>0 = Fixed, 1 = First, 2 = Second, 3 = Third, 4 = Fourth, 5 = Last &amp; - = Disabled</b>
	<ol style="list-style-type: none"> <li>1. “L” is displayed. Press the HELP Button.</li> <li>2. “Lo” is displayed. Pressing the HELP Button again to step through 0, 1, 2, 3, 4, 5, and -.</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>
	<b>DLS Begin Day</b>
	<b>0 = Monday, 1 = Tuesday, 2 = Wednesday, 3 = Thursday, 4 = Friday, 5 = Saturday &amp; 6 = Sunday</b>
	<b>If Ordinal is 0 = Fixed (0 to 31 resembling days of the month)</b>
	<ol style="list-style-type: none"> <li>1. “Ld” is displayed. Pressing the HELP Button again to step through 0, 1, 2, 3, 4, 5, and 6.</li> <li>2. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>3. Press the CANCEL Button to move to the next Program Option.</li> </ol>
	<b>DLS Begin Month</b>
	<b>1 = January, 2 = February, 3 = March, 4 = April ..... 10 = October, 11 = November, 12 = December</b>
	<ol style="list-style-type: none"> <li>1. “L_” is displayed. Pressing the HELP Button again to step through 1, 2, 4, 5, 6, 7, 8, 9, 10, 11, and 12.</li> <li>2. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>3. Press the CANCEL Button to move to the next Program Option.</li> </ol>
	<b>DLS End Ordinal</b>
	<b>0 = Fixed, 1 = First, 2 = Second, 3 = Third, 4 = Fourth, 5 = Last &amp; - = Disabled</b>
	<ol style="list-style-type: none"> <li>1. “Lo” is displayed. Pressing the HELP Button again to step through 0, 1, 2, 3, 4, 5, and -.</li> <li>2. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>3. Press the CANCEL Button to move to the next Program Option.</li> </ol>
	<b>DLS End Day</b>
	<b>0 = Monday, 1 = Tuesday, 2 = Wednesday, 3 = Thursday, 4 = Friday, 5 = Saturday &amp; 6 = Sunday</b>
	<b>If Ordinal is 0 = Fixed (0 to 31 resembling days of the month)</b>
	<ol style="list-style-type: none"> <li>1. “Ld” is displayed. Pressing the HELP Button again to step through 0, 1, 2, 3, 4, 5, and -.</li> <li>2. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>3. Press the CANCEL Button to move to the next Program Option.</li> </ol>
	<b>DLS End Month</b>
	<b>1 = January, 2 = February, 3 = March, 4 = April ..... 10 = October, 11 = November, 12 = December</b>
	<ol style="list-style-type: none"> <li>1. “L_” is displayed. Pressing the HELP Button again to step through 1, 2, 4, 5, 6, 7, 8, 9, 10, 11, and 12.</li> <li>2. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>3. Press the CANCEL Button to move to the next Program Option.</li> </ol>
	<b>Default Values – Sets all Daylight Programming Options to Default Values</b>
	<p><b><u>Warning! This will Sets all Daylight Programming Options to Default Values</u></b></p> <ol style="list-style-type: none"> <li>1. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL System Programming Options have been defaulted.</li> <li>2. Press the CANCEL Button to move to the next Program Option.</li> </ol>

## 6.2.12 TIMERS Programming Options

**Note: The easiest way to program the TIMERS Programming Options is to use the SmartLink Up/Download Programmer Software (Medi-Minder Guardian MKII 4G)**


	<b>System Day Announces “Your System is due for testing....”</b>																																																																
	<b>Disabled</b>																																																																
	<ol style="list-style-type: none"> <li>1. “_t” is displayed. Press the HELP Button.</li> <li>2. “Sd” is displayed. Pressing the HELP Button again to step through -, 0, to 9, A, ..... and FE</li> <li>3. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>4. Press the CANCEL Button to move to the next Program Option.</li> </ol>																																																																
	<b>System Hour - 0 to 24 Hour (Default 0 = Disabled)</b>																																																																
	<b>System Minute - 0 to 60 Minutes (Default 0 = Disabled)</b>																																																																
	<b>System Repeat - 0 to 10 Repeats (Default 3 = 3 Repeats)</b>																																																																
	<b>System Interval - 0 to 255 Seconds (Default 30 = 30 Seconds)</b>																																																																
	<b>System Away Mode (Default d = Disabled)</b>																																																																
	<b>Test Call Day (Default 6 = Sunday, Every Week @ 1:00am)</b>																																																																
	<table border="0"> <tr> <td></td> <td>Disabled</td> <td></td> <td>Monday</td> <td></td> <td>Tuesday</td> <td></td> <td>Wednesday</td> </tr> <tr> <td></td> <td>Thursday</td> <td></td> <td>Friday</td> <td></td> <td>Saturday</td> <td></td> <td>Sunday</td> </tr> <tr> <td></td> <td>Everyday</td> <td></td> <td></td> <td></td> <td>Sunday, Every 2 Weeks</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Sunday, Every 3 Weeks</td> <td></td> <td></td> <td></td> <td>Sunday, Every 4 Weeks</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Sunday, Every 5 Weeks</td> <td></td> <td></td> <td></td> <td>Sunday, Every 6 Weeks</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Sunday, Every 7 Weeks</td> <td></td> <td></td> <td></td> <td>Sunday, Every 8 Weeks</td> <td></td> <td></td> </tr> <tr> <td></td> <td>▼ ▼ ▼ ▼ ▼</td> <td></td> <td></td> <td>▼ ▼ ▼ ▼ ▼</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Sunday, Every 31 Weeks</td> <td></td> <td></td> <td></td> <td>Sunday, Every 32 Weeks</td> <td></td> <td></td> </tr> </table>		Disabled		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Everyday				Sunday, Every 2 Weeks				Sunday, Every 3 Weeks				Sunday, Every 4 Weeks				Sunday, Every 5 Weeks				Sunday, Every 6 Weeks				Sunday, Every 7 Weeks				Sunday, Every 8 Weeks				▼ ▼ ▼ ▼ ▼			▼ ▼ ▼ ▼ ▼					Sunday, Every 31 Weeks				Sunday, Every 32 Weeks		
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	Sunday, Every 31 Weeks				Sunday, Every 32 Weeks																																																												
	<ol style="list-style-type: none"> <li>1. “td” is displayed. Pressing the HELP Button again to step through 0, to 9, A, ..... and FE</li> <li>2. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>3. Press the CANCEL Button to move to the next Program Option.</li> </ol>																																																																
	<b>Test Call Hour - 0 to 24 Hour (Default 1 = 1:00 am)</b>																																																																
	<b>Test Call Minute - 0 to 60 Minutes (Default 0 = 0 Minute)</b>																																																																
	<b>Overdue Day - Pill Reminder (Displays “_t” &amp; Voice Prompt)</b>																																																																
	<b>Disabled</b>																																																																
	<ol style="list-style-type: none"> <li>1. “od” is displayed. Pressing the HELP Button again to step through -, 0, to 9, A, ..... and FE</li> <li>2. To store an option selected, press the CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected.</li> <li>3. Press the CANCEL Button to move to the next Program Option.</li> </ol>																																																																
	<b>Overdue Hour - 0 to 24 Hour (Default 0 = Disabled)</b>																																																																
	<b>Overdue Minute - 0 to 60 Minutes (Default 0 = 0 Minute)</b>																																																																
	<b>Default Values – Sets all Timers Programming Options to Default Values</b>																																																																
	<p style="text-align: center;"><b><u>Warning! This will Sets all Timers Programming Options to Default Values</u></b></p> <ol style="list-style-type: none"> <li>1. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL System Programming Options have been defaulted.</li> <li>2. Press the CANCEL Button to move to the next Program Option.</li> </ol>																																																																

## 6.2.13 REPORTS Programming Options



### Report Modes (Default = 0 GSM Only)



 GSM Only       GPRS/GSM

 GPRS Only       GSM/GPRS

1. “rS” is displayed. Press the HELP Button to view programmed option. “0” is displayed.
2. Pressing the HELP Button again to scroll through (0, 1, & 2).
3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button.



### Manual Test Reports - (Ademco Version Only)



 Disabled       Enabled - Sends a non valid ADEMCO MANUAL TEST (NNNN / 55555555 / 7)

1. “\_r” is displayed. Press the HELP Button. “CS” is displayed.
2. Pressing the HELP Button again toggles between “d” Disabled, “1” ADSL and “2” Enabled.
3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press CANCEL Button.



### Restores Enabled - (Ademco and Contact ID Versions)



 Enabled - Restores are sent to the Monitoring Centre.       Disabled - No Restores.

1. “rE” is displayed. Press the HELP Button to view programmed option. “E” is displayed.
2. Pressing the HELP Button again toggles between “d” Enabled and “E” Disabled.
3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button.



### Open/Close Reports - (Contact ID Version Only)



 Disabled       Enabled - Open/Close reports are sent to the Monitoring Centre.

1. “OC” is displayed. Press the HELP Button to view programmed option. “0” is displayed.
2. Pressing the HELP Button again toggles between “0” Disabled and “1” Enabled.
3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button.



### Mains Fail Delay



**1 to 24 Hours delay before reporting a Mains Fail randomly within the hour.**

**0 = Report Mains Fail once only at random (between 60 minutes to 180 minutes).**

1. “Pd” is displayed. Press the HELP Button to view programmed option. “3” is displayed.
2. Pressing the HELP Button again to step through Time Before Next Mains Fail Report (0, 1 to 24).
3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button.



### Mains Fail Repeat



**No more Mains Fail Report (Reports Once Only).**

**1 to 24 Hours: Send another Mains Fail Report in the specific amount of hours.**

1. “Pr” is displayed. Press the HELP Button to view programmed time. “0” is displayed.
2. Pressing the HELP Button again to step through the digits (0, 1 to 24).
3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button.



### Low Battery Main Unit Reporting



 Report Low Battery ONCE       Report Low Battery DAILY       No Low Battery Reporting

1. “bu” is displayed. Press the HELP Button to view programmed option. “1” is displayed.
2. Pressing the HELP Button again to step through Low Battery Reporting (0, 1, or 2).
3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button.

<b>br</b>	<b>Low Battery Radio (Pendants &amp; Detectors) Reporting</b>
<b>E</b>	<b>Enabled - Reports Low Battery</b>
<b>d</b>	<b>Disabled - No Low Battery Reporting.</b>
	<ol style="list-style-type: none"> <li>1. “br” is displayed. Press the HELP to view programmed option. “ E” is displayed.</li> <li>2. Pressing HELP Button again toggles between “ E” Disabled and “ d” Enabled.</li> <li>3. To store an option selected, press CANCEL and HELP Buttons at the same time. The unit will beep twice while flashing the display to acknowledge that the option has been selected. Press the CANCEL Button.</li> </ol>
<b>PE</b>	<b>RS232 Tx Type (Default 2 = ADSL)</b>
<b>dF</b>	<b>Default Values – Sets all Report Programming Options to Default Values</b>
	<p align="center"><b><u>Warning! This will Sets all Report Programming Options to Default Values</u></b></p> <ol style="list-style-type: none"> <li>1. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL Report Programming Options have been defaulted.</li> </ol>

## 6.2.14 **\_b** DOOR BELL TUNES Programming Options

<b>P1</b>	<b>Door Bell 1 Note Time (Default = 50)</b>
<b>0</b>	<b>Disabled and 1 to 99 (duration of a typical note in 10msec intervals)</b>
<b>1</b>	<ol style="list-style-type: none"><li>1. “_b” is displayed. Press the HELP Button. “P1” is displayed. Press the HELP Button to view option.</li></ol>
<b>99</b>	<ol style="list-style-type: none"><li>2. “50” is displayed. Pressing the HELP Button again to step through the digits (<b>0, 1 to 99</b>). Press the CANCEL and HELP Buttons at the same time to store each digit. The unit will beep twice and display the next digit to be programmed. Repeat this process until all digits are programmed.</li></ol>
	<ol style="list-style-type: none"><li>3. Press the CANCEL Button to move to the next Program Option.</li></ol>
<b>t1</b>	<b>Door Bell 1 Tune (Default = 75629026759)</b>
<b>-</b>	<b>Programmed as the first digit will delete the tune. (Note: up to 50 Digits maximum)</b>
<b>0</b>	<b>0 = Pause    1 = C4 (Middle C)    2 = D4    3 = E4    4 = F4    5 = G4    6 = A5    7 = B5</b>
<b>1</b>	<b>8 = Halves the duration of the previous tune.    9 = Doubles the duration of the previous tune.</b>
<b>9</b>	<b>[#] = The tune is scaled up by an octave.    [H] = Sharp</b>
<b>t</b>	<ol style="list-style-type: none"><li>1. “t1” is displayed. Press the HELP Button to view programmed tunes. The programmed tunes will sound and flash on status display.</li></ol>
<b>H</b>	<ol style="list-style-type: none"><li>2. Pressing the HELP Button again to step through the digits (<b>-, 1, 2, 3, 4, 5, 6, 7, 8, 9, 0, * and H</b>). Press the CANCEL and HELP Buttons at the same time to store each digit. The unit will beep twice and display the next digit to be programmed. Repeat this process until all digits are programmed.</li></ol>
	<ol style="list-style-type: none"><li>3. Press CANCEL Button to display the programmed tunes. The unit will flash on status display for each digit and beep twice at the end of the programmed tunes stored.</li></ol>
	<ol style="list-style-type: none"><li>4. Press the CANCEL Button to move to the next Program Option.</li></ol>
<b>P2</b>	<b>Door Bell 2 Note Time (Default = 40)</b>
<b>t2</b>	<b>Door Bell 2 Tune (Default = 39199039199)</b>
<b>P3</b>	<b>Door Bell 3 Note Time (Default = 40)</b>
<b>t3</b>	<b>Door Bell 3 Tune (Default = 593919905939199)</b>
<b>Pn</b>	<b>Incoming Ring Note Time (Default = 0)</b>
<b>tn</b>	<b>Incoming Ring Tune (Default = 00000707)</b>
<b>dF</b>	<b>Default Values – Sets all Door Bell Tune Programming Options to Default Values.</b>
	<p align="center"><b><u>Warning! This will Sets all Door Bell Tune Programming Options to Default Values</u></b></p> <ol style="list-style-type: none"> <li>1. “dF” is displayed. Press the CANCEL and HELP Buttons at the same time and the unit will beeps three times to indicate that ALL Door Bell Tune Programming Options have been defaulted.</li> </ol>

## 6.2.15 **PE** EXIT PROGRAM MODE

<b>PE</b>	<p align="center"><b><u>NB: To Exit Program Mode - Client Account Number “CA” and Phone Number “n1” must be programmed/entered for the Medi Guardian MKII 4G Unit to Exit Program Mode.</u></b></p> <p>“PE” is displayed. Press the HELP Button on the unit and the unit Annunciate “unit disarmed”</p>
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# 7. Setting Time & Date

The Medi Guardian MKII 4G Unit has an **inbuilt Clock & Calendar** that is backed up by the system battery & will remain even in the event of a power failure. If you require the time & date to be changed for any reason then perform the following steps using the CANCEL and HELP Button on the Medi Guardian MKII 4G Unit:

Note: You can also use the SmartLink UpDownload Programmer Software to Set the Time and Date.

**To Enter the Time & Date - While the Medi Guardian MKII 4G Unit is in standard operation mode, Press and Hold Down the CANCEL Button for 10 seconds until "SH" is displayed.**



**To Set the Time** - "SH" is displayed. Pressing the HELP Button until the **correct Hour** is displayed ("0" to "23"). Press the CANCEL Button to begin setting the Minutes.



**To Set the Minute** - "SN" is displayed. Pressing the HELP Button until the **correct Minute** is displayed ("0" to "59"). Press the CANCEL Button to begin setting the Date.



**To Set the Date** - "Sd" is displayed. Pressing the HELP Button until the **correct Date** is displayed ("1" to "31"). Press the CANCEL Button to begin setting the Month.



**To Set the Month** - "Sn" is displayed. Pressing the HELP Button until the **correct Month** is displayed ("1" to "12"). Press the CANCEL Button to begin setting the Year.



**To Set the Year** - "SY" is displayed. Pressing the HELP Button until the **correct Year** is displayed ("0" to "99"). Press the CANCEL Button to Exit.

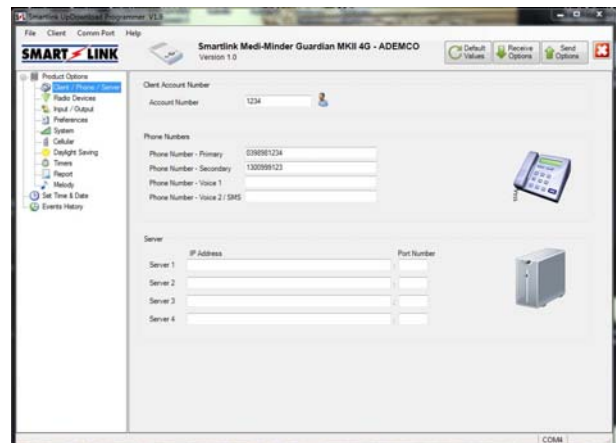
# 8. UpDownload Software

**NB:** The Latest SmartLink UpDownload Programmer Software can be Downloaded from [www.smartlink.com.au](http://www.smartlink.com.au) website. To use the Up/Download Programmer Software, the Medi Guardian MKII 4G can be programmed Directly by using a DB9 Programming Lead (Part No. 450-185). For more information, refer to the SmartLink Up/Download Programmer Installation Manual.

- a. **Direct Programming Lead:**  
(Part No. 450-185):



- b. **SmartLink UpDownload Programmer:**  
9a. Medi Guardian MKII 4G ADEMCO  
9b. Medi Guardian MKII CONTACT ID

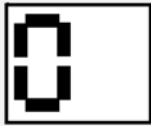


# 9. Cellular Signal Quality

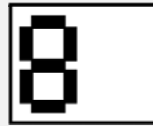
## Medi Guardian MKII 4G

### To Check the Signal Quality/Strength:

While the Medi Guardian MKII 4G unit is in Normal/Operation Mode,  
Press the CANCEL Green Button and the Signal Strength Displays/Flashes for 2 Seconds.



to



The Medi Guardian MKII 4G Displays/Flashes the Signal Quality from 0 to 8

0 to 1 = Weak Signal

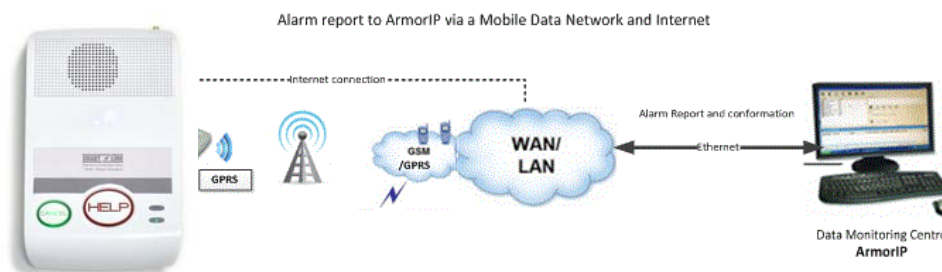
2 to 6 = Good Signal (Industry Average)

7 to 8 = Very Strong Signal

Medi Guardian MKII 4G Updates the Signal Quality/Strength Every Minute.

# 10. Cellular UDP/Server

## Medi Guardian MKII 4G (GPRS Reporting)



The Medi Guardian MKII 4G has an internal GPRS/GSM Module to perform Network Reporting.

This reporting is used to transmit alarm reporting messages from a subscriber's site to a Data Monitoring Centre via a mobile data network and internet.

The alarm reporting messages has packeted into **ARMOR IP REPORTING PROTOCOL** format, and use the **UDP/IP internet protocol** to transmit the alarm reporting message to a Data Monitoring Centre by specified Host/Server IP address and Port Number.

	[ntw1]	Network Initiating
	[ntw0]	Network Opening
	[prt0]	Port Opening
	[cnct]	UDP Connection
	[rpt]	Reporting
	[rsp]	Acknowledge Response
	[ntwC]	Closes a Port on the Cellular Network
	[ntwc]	Closes Connection with the Cellular Network








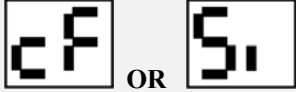








# 11. Normal/Operation Mode

Your Medi Guardian MKII 4G will normally look like this:



- The MAINS ON Light & the CANCEL (GREEN) BUTTON should be ON.

# 12. Displays & Warnings

  	<b>MAINS ON Light Flashing</b>
AC Power Fail – Check/Make sure that the MAINS AC Power Plug Pack is plugged in and turned ON at the Power Point.	
	<b>“Lb” is on the Display &amp; BATTERY LOW Light Flashing</b>
Check/Make sure that the BATTERY SWITCH is turned ON underneath the Medi Guardian MKII 4G unit. Contact your Installer/Monitoring Centre.	
	<b>“rF” is on the Display - The Medi Guardian MKII 4G failed to send an Alarm to your Monitoring Centre</b>
– Check/Make sure that the Antenna/SIM Card is plugged in. Contact your Installer/Monitoring Centre.	
	<b>“cF” CELLULAR has failed or “Si” SIM Card Missing/Removed</b>
– Check that the Antenna/SIM Card is plugged in. Contact your Installer/Monitoring Centre. (Medi Guardian MKII 4G unit will also beep for 25 seconds).	
	<b>“CL” or “HP” is on the Display &amp; HELP RED Button also Flashing</b>
The HELP RED Button on the Medi Guardian MKII 4G unit has been Pressed.	
	<b>“H1” to “H8” is on the Display &amp; HELP RED Button also Flashing</b>
Pendants No. 1 to 8 has been Pressed.	
	<b>“C1” to “C8” is on the Display &amp; HELP RED Button also Flashing</b>
Pendants No. 1 to 8 has been Pressed.	
	<b>“A1” to “A8” is on the Display &amp; HELP RED Button also Flashing</b>
Pendants No. 1 to 8 has been Pressed.	
	<b>“S1” to “S8” is on the Display &amp; HELP RED Button also Flashing</b>
Pendants No. 1 to 8 has been Pressed.	
	<b>“F1” to “F8” is on the Display &amp; HELP RED Button also Flashing</b>
Detectors No. 1 to 8 Programmed as Fire “Fi” Option has been Activated.	
	<b>“b1” to “b8” is on the Display</b>
Pendants No. 1 to 8 has detected a Low Battery. Contact your Monitoring Centre.	
	<b>“d1” to “d8” is on the Display</b>
Detectors No. 1 to 8 has detected a Low Battery. Contact your Monitoring Centre.	



# 13. Dialler Reporting Format

## 13.1 ADEMCO High Speed Extended Reporting

This reporting is used to transmit alarms from a subscriber's site to a Monitoring Centre via the telephone. The transmission is done using DTMF tones. 14 digits are sent to report an alarm. The format is as follows:

**SSSS QQQQQQQQ Q E**

**SSSS** 4 digit subscriber ID (Client Account Number).

**Q** Event qualifier (9 Channels).

Channels 1-8 indicate the status of the 8 reporting channels.

Each channel may have the following values:

- 1 - New alarm
- 3 - Restore
- 5 - Normal
- 6 - Previously reported event

Channel 9 indicates the type of event.

Channel 9 may have the following values:

- 1 - Extra Alarms
- 5 - Zone Trouble
- 6 - System Alarms
- 7 - Zone Alarm
- 9 - Test

Therefore, Channel 9 determines what channels 1-8 mean.

**E** Error check

### Alarms sent with "CL" CALL OPTION AVAILABLE ON KEYS DISABLED. (V2.0 – V2.2 Only)

CH 9	1*	5	6	7	9
CH 1	DET1	LOW BATT P1	AC POWER	HELP P 1	none
CH 2	DET2	LOW BATT P2	LOW BATT	HELP P 2	none
CH 3	DET3	LOW BATT P3	none	HELP P 3	none
CH 4	DET4	LOW BATT P4	none	HELP P 4	none
CH 5	DET5/IN1	LOW BATT P5	none	HELP P 5	none
CH 6	DET6/IN2	LOW BATT P6	none	HELP P 6	none
CH 7	DET7/ IN3/ INACTIV	LOW BATT P7	none	HELP P 7	none
CH 8	DET8/IN4	LOW BATT P8	none	HELP P 8	none

\*Note: The Medi-Minder Guardian Unit HELP will be on the channel programmed in the System "S\_" Main Menu Option and the Medi-Minder Guardian Unit Help (Red) Button Reporting Channel "HE" option.

### Alarms sent with "CL" CALL OPTION AVAILABLE ON KEYS ENABLED. (V2.0 – 2.2 Only)

CH 9	1*	5	6	7	9
CH 1	DET1/HELP P1	LOW BATT P1	AC POWER	CALL P 1	none
CH 2	DET2/HELP P2	LOW BATT P2	LOW BATT	CALL P 2	none
CH 3	DET2/HELP P3	LOW BATT P3	none	CALL P 3	none
CH 4	DET4/HELP P4	LOW BATT P4	none	CALL P 4	none
CH 5	DET5/HELP P5 / IN1	LOW BATT P5	none	CALL P 5	none
CH 6	DET6/HELP P6 / IN2	LOW BATT P6	none	CALL P 6	none
CH 7	DET7/HELP P6/IN3/INACTIV	LOW BATT P7	none	CALL P 7	none
CH 8	DET8/HELP P8 / IN4	LOW BATT P8	none	CALL P 8	none

\*Note: Depending upon the program option in the System "S\_" Main Menu Option & the Med-Minder Guardian Help (Red) Button Reporting Channel "HE" the Unit HELP will double up on the same Channel of a programmed Radio Key.

## 13.2 CONTACT ID Reporting

This reporting is used to transmit alarms from a subscriber's site to a Monitoring Centre via the telephone. The transmission is done using DTMF tones. 14 digits are sent to report an alarm. The format is as follows:

### SSSS 18 Q XYZ GG CCC E

- SSSS** 4 digit subscriber ID (Client Account Number).  
**18** Uniquely identifies this format as Contact ID.  
**Q** Event qualifier:  
 1 - New alarm  
 3 - Restore  
**XYZ** Event code, see table.  
**GG** Group code (always 00).  
**CCC** Zone or sensor number or user ID for Open/Close reports.  
**E** Error check.

Program Option	Event Code (XYZ)	Zone Number (CCC)
<b>Detector Alarms</b>		
Detector Alarm Option - "Al"	130 Burglary	9 – 16
Detector Home Mode Option - "Ho"	131 Perimeter	9 – 16
Detector Fire Option - "Fi"	133 24 hour	9 - 16
Detector Silent Option - "Si"	130 Burglary	9 - 16
<b>Tamper Alarms</b>		
Detector Tamper	383 Tamper	9 - 16
<b>Panic Alarms</b>		
Medi-Minder Guardian Unit Help Button	120 Panic Alarm	6
Hardwired Inputs 1 to 2 – "i1" to "i2"	120 Panic Alarm	21 - 22
Radio Keys Panic Option - "Pc" or "An"	120 Panic Alarm	1 - 8
Radio Keys Delay Panic Option – "dP"	100 Medical Alarm	1 - 8
Radio Keys Duress Option - "du"	121 Duress Alarm	1 - 8
<b>Other Alarms</b>		
Supervision Option "Su"	355	9 - 16
Inactivity Detectors Option "IA"	130	15
Dementia Keys Option "dE"	130	1 - 8
Mains/AC Fail	301 AC Loss	0
Main unit Low Battery	302 Low System Battery	0
Detectors Low Battery	384 RF Transmitter Low Battery	9 - 16
Radio Keys (Pendants) Low Battery	384 RF Transmitter Low Battery	1 - 8
Open/Close Reports	401 O/C by user	1 - 8
Auto Exclude (Reed Switch only)	380 Sensor Bypass (Trouble)	9 – 16
Test Call	602 Period test report	0

## 13.3 BRITISH DTMF (UNIVERSAL) Reporting

This reporting is used to transmit alarms from a subscriber's site to a Tunstall Base Station via the telephone line. The transmission is done using DTMF tones. 24 digits are sent to report an alarm. The format is as follows:

**BBBB E A SSSSSSSSSSSS HHHH CC**

**BBBB** Beginning of message tones - Always D#20  
**E** Equipment type:  
     0 Tunstall Piper Portal  
     1 Tunstall Piper Premier  
**A** Alarm Types (See Table Below)  
**SSSSSSSSSSSS** 12 digit Subscriber ID  
**HHHH** Hard wired alarm  
**EE** Error check

1. The Tunstall Base Station will transmit a trigger message, DTMF digits 'DB', to signal to the Medi-Minder Guardian Unit to start its transmission.
2. The Tunstall Base Station will transmit a kiss off message, DTMF digits 'DB', to signal to the Medi-Minder Guardian Unit that it has received the message.
3. After the kiss off message is received the Medi-Minder Guardian Unit will stay on line with voice Enabled, microphone on low sensitivity.
4. If the DTMF digit 'C' is received (press TALK button at the Base Station), the Base Station is in talk mode. The Medi-Minder Guardian should be set to voice Enabled, microphone on low sensitivity.
5. If the DTMF digit '\*' is received (release TALK button at Base Station), the Base Station is in listen mode. The Medi-Minder Guardian should be set to enhance only if increased volume has previously been selected.
6. If the DTMF digit '1' is received (INC-VOL button), the Base Station has requested volume increase. The Medi-Minder Guardian should be set to enhance mode when the Base Station is in listen mode. Enhance mode will time out after 15 seconds.
7. If the DTMF digit '2' is received (DEC-VOL button), the Base Station has requested volume decrease. The Medi-Minder Guardian should be set to microphone/speaker when in listen mode.
8. If the DTMF digit '#' is received (CANCEL button), the Base Station has cancelled. The Medi-Minder Guardian should hang up and restore the alarm.
9. The Medi-Minder Guardian remain on line for 5 minutes with voice communications Enabled. When a valid DTMF DIGIT is received (C, \*, 1 or 2) the timer will restart with 3 minutes.
10. When the call is terminated, the voice circuits are Enabled for another 3 minutes so that any incoming call within this 3 minutes time will be automatically answered as a further emergency back up.

<b>ALARM:</b>	<b>CODE RECEIVED:</b>
Medi-Minder Guardian Help Button	1
Radio Keys Help (User Keys "u1" to "u2")	2
Smoke Alarm (Detectors "d1" to "d8" programmed as Fire "Fi")	3
Mains/AC Fail	4
Radio Keys Low Battery (User Keys "u1" to "u8")	5
Medi-Minder Guardian Low Battery	6
Inactivity Alarm (Inactivity Detectors "IA" and Dementia Keys "dE")	7
Test Call Day (Default 6 = Sunday 1:00am Everyweek)	8
Intruder Detectors ("d1" to "d8" programmed as Alarm "Al")	9
Radio Keys Help "u5" to "u8" & Hardwire Inputs "i1" to "i2"	* or E

# 14. Specifications

## Medi Guardian MKII 4G

- Dimensions L210 x W130 x D35 mm
- Weight 590gms (including battery)
- Quiescent Current 1mA
- **AC Plug Pack** **9VDC 300mA with integral earth (Part No. 840-050)**
- **Battery Backup** **4.8V 1600mAh Rechargeable Ni-MH (Part No. 142-031)**
- 2 Way Radio Receiver 2 Way TWR
- Range 100 to 300 metres open air (Subject to environmental conditions)

## Transmitter

- Type Crystal Stabilised
- Frequency 915 MHz to 928 MHz (Australia & New Zealand)
- Power Output < 100 uW (or various international compliances)

## Conforming Standards

- IS09001/2000 International Quality manufacturing Standards
- AS4607 Personal Response Systems
- AS2201.4 (C2) Intruder Alarm Systems - Wireless
- AS4268.2012 Radio Equipment & Antenna Systems - Short Range Devices

### Medi Guardian MKII 4G Model New Features

- Programmable over internet data network as well as SMS & Computer direct connect
- Software & Firmware upgrades over the Cellular Network (Auto or manually)
- Will support LTE as well as 4G Data & 3G voice

**WARNING:** For safety reasons, only connect equipment with a telecommunications compliance label. This includes customer equipment previously labelled permitted or certified.



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