

Liberty³⁰⁰
Installation
manual



Tunstall

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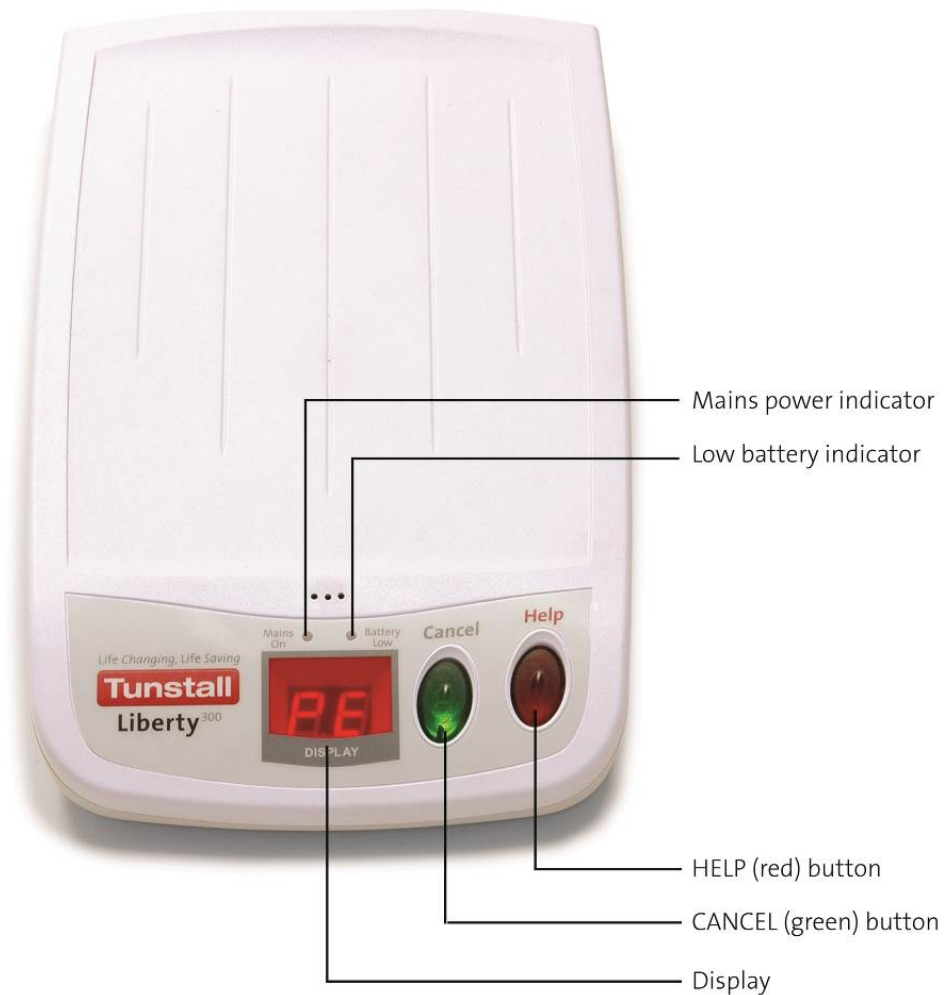
Equipment List

A Tunstall Liberty³⁰⁰ consists of the following equipment:

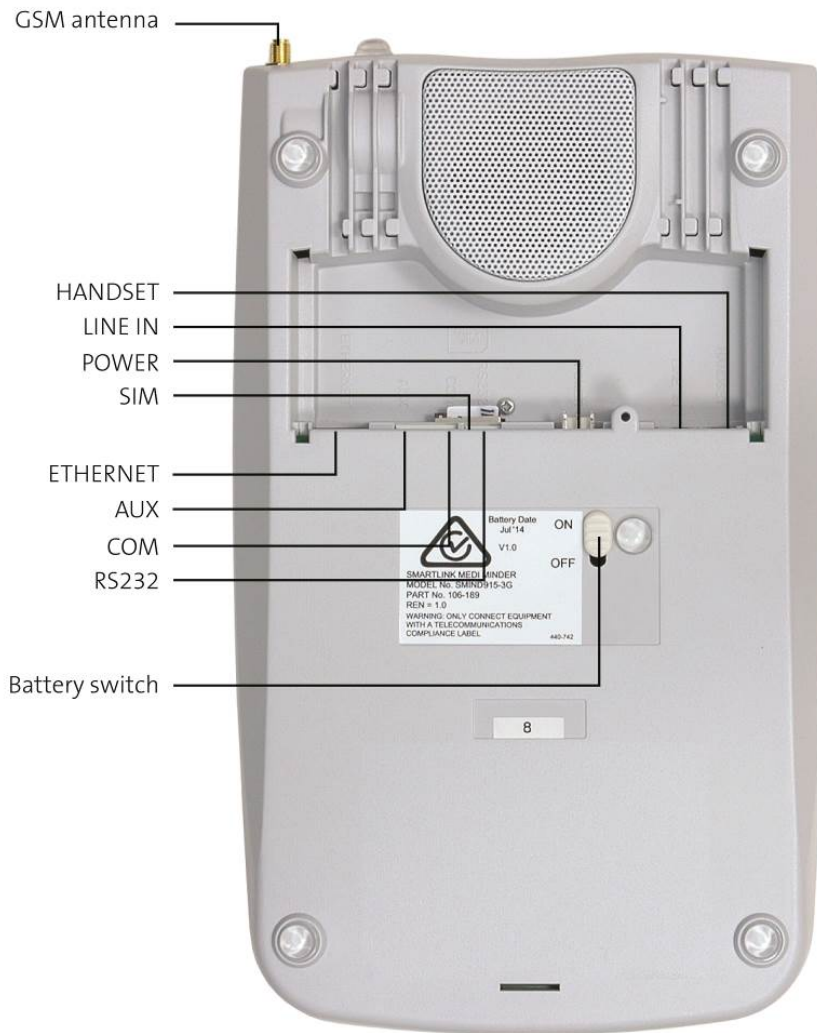
1. Liberty³⁰⁰ alarm unit
2. Waterproof two-way pendant
3. Pendant wrist strap and neck chain
4. 9VDC 300mA regulated plug pack
5. Liberty³⁰⁰ user guide

Liberty³⁰⁰ features

Front view



Back view








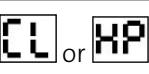
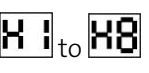
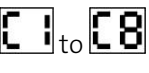
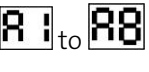
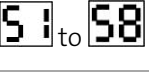
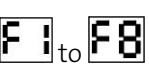


Standby mode

The base alarm unit has warning and status lights to clearly indicate the unit's current status. When functioning correctly your Liberty³⁰⁰ base alarm unit will normally look like this:



The MAINS ON light and the CANCEL button should be ON.


Displays and warnings

Display	Warning	What to do
	AC power failure.	Check the home unit is plugged into a working electrical socket.
	The alarm unit has a low battery.	Check the home unit is plugged into a working electrical socket and the battery switch is turned on.
	The alarm unit failed to send a message.	Check the home unit has a working landline/GSM connection.
	The cellular connection has failed.	Check the antenna/SIM card is plugged in to the alarm unit.
	The telephone line has failed.	Check the home unit is plugged into a working telephone socket.
	The red button on the alarm unit has been pressed.	Nothing, an alarm call has been raised to the monitoring centre.
	Pendant 1-8 has been pressed.	Nothing, an alarm call has been raised to the monitoring centre.
	Pendant 1-8 has been pressed.	Nothing, an alarm call has been raised to the monitoring centre.
	Pendant 1-8 has been pressed.	Nothing, an alarm call has been raised to the monitoring centre.
	Pendant 1-8 has been pressed.	Nothing, an alarm call has been raised to the monitoring centre.
	Detector 1-8 programmed as fire 'Fi' option has been activated.	Nothing, an alarm call has been raised to the monitoring centre.
	Pendant 1-8 has detected a low battery.	Contact your monitoring centre.
	Detector 1-8 has detected a low battery.	Contact your monitoring centre.

Cellular signal quality






IMPORTANT: When operating over the GSM mobile network, the base alarm unit requires an average GSM signal in order to operate efficiently.

While the Liberty³⁰⁰ unit is in normal/operation mode, press the green cancel button on the base alarm unit and the signal strength will be displayed for two seconds.

	<p>The base alarm unit will display the signal strength from 0 to 9</p> <ul style="list-style-type: none"> 0-1 = Weak signal 2-5 = Average signal 6-9 = Strong signal <p>The base alarm unit updates the signal strength every minute.</p>
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Setting time and date

The unit has an inbuilt clock and calendar that is backed-up by the system battery. Complete and following steps to change the time and date.




Display	Instruction
	<ol style="list-style-type: none"> In standby mode, press and hold down the CANCEL button for 10 seconds, until 'SH' is displayed.
Set hour	
	<ol style="list-style-type: none"> Press the HELP button to scroll to the correct hour, then the CANCEL button to select.
Set minute	
	<ol style="list-style-type: none"> Press the HELP button to scroll to the correct minute, then the CANCEL button to select.
Set day	
	<ol style="list-style-type: none"> Press the HELP button to scroll to the correct day, then the CANCEL button to select.
Set month	
	<ol style="list-style-type: none"> Press the HELP button to scroll to the correct month, then the CANCEL button to select.
Set year	
	<ol style="list-style-type: none"> Press the HELP button to scroll to the correct year, then the CANCEL button to select.

Programming

Note: Up/download programmer software is available from your supplier and can be used to program all unit options. This manual outlines the steps to program options via the unit.

Programming rules

To program the Liberty³⁰⁰ unit use the large CANCEL (green) button and the HELP (red) button on the Liberty³⁰⁰ unit.

1	 <p>CANCEL</p>	Press the CANCEL (green) button on the Liberty ³⁰⁰ unit to scroll through the main menu or sub-menu options.
2	 <p>HELP</p>	Press the HELP (red) button on the Liberty ³⁰⁰ unit to view the programmed value for that option. The values will flash on the display. To step through values, press the HELP (red) button again.
3	 <p>CANCEL HELP</p>	To store an option selected, press the CANCEL (green) and HELP (red) buttons at the same time. The Liberty ³⁰⁰ unit will beep three times and display the option that has been selected.

Programming mode

To enter programming mode:

1. First switch the Liberty³⁰⁰ unit off at the mains and battery, then switch both back on.
2. The unit will display the version number eg. '1.3' for two seconds and beep once.
3. The unit will then display '_A' to indicate it is in programming mode. Note: the unit will switch to normal operating mode if no buttons are pressed within one minute.

Note: A client ID number and at least one alarm phone number must be programmed for the Liberty³⁰⁰ unit to exit programming mode and enter normal operation mode.

Main menu options



To choose a menu option, use the CANCEL (green) button to scroll through and the HELP (red) button to select the sub-menu.

Programming sub-menu options

The sub-menu options are displayed for each particular main menu option.



Client ID






To program the client ID (four digits only):



Display	Instruction
	1. Press the HELP button to enter sub-menu.
	2. Press the HELP button again to view programmed client ID, which will flash on the status display. To view the client ID again, press the CANCEL and then HELP button. 3. To change the client ID, press the HELP button to step through the digits (0-9, -). To store each digit, press the CANCEL and HELP buttons together. The unit will beep three times and display the next digit to be programmed. Repeat this process until all four digits are programmed. 4. Press the CANCEL button to display the programmed client ID, which will flash on the status display. 5. Press the CANCEL button to exit the sub-menu.

Phone numbers

To program control centre or personal recipient phone numbers (30 digits maximum):





Display	Instruction
	1. Press the HELP button to enter the primary control centre phone number sub-menu.
	2. Press the HELP button again to view programmed phone number, which will flash on the status display. To view the phone number again, press the CANCEL and then HELP button. 3. To change the phone number, press the HELP button to step through the digits (0-9, t, H, -). To store each digit, press the CANCEL and HELP buttons together. The unit will beep three times and display the next digit to be programmed. Repeat this process until all digits (30 digits maximum) are programmed. 4. Press the CANCEL button to display the programmed phone number, which will flash on the status display. 5. Press the CANCEL button to exit the primary number sub-menu.



Display	Information
	Star
	Hash
	Pause
	1. Press the HELP button to enter the secondary control centre phone number sub-menu and repeat steps 2-5 from the primary control centre sub-menu.
	1. Press the HELP button to enter the primary personal recipient phone number sub-menu and repeat steps 2-5 from the primary control centre sub-menu.

	<ol style="list-style-type: none"> 1. Press the HELP button to enter the secondary personal recipient phone number sub-menu and repeat steps 2-5 from the primary control centre sub-menu.
	<p>Warning! This will delete all n1 to n4 programmed phone numbers.</p> <ol style="list-style-type: none"> 1. Press the CANCEL and HELP buttons together and the unit will beep three times to indicate that all phone numbers have been deleted. 2. Press the CANCEL button to exit the phone numbers menu.

Server settings











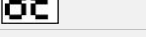

To program the server settings use the up/download programmer software. If you do not have access to the software, complete the steps below.




Display	Instruction
	<ol style="list-style-type: none"> 1. Press the HELP button to enter the server 1 IP address (30 digits/characters maximum) sub-menu.
	<ol style="list-style-type: none"> 2. Press the HELP button again to view programmed server 1 IP address, which will flash on the status display. To view the server 1 IP address again, press the CANCEL and then HELP button. 3. To change the server 1 IP address, press the HELP button to step through the digits/characters (-, 0-9, ., A-Z, a-z). (Note: the dash programmed as the first digit will delete the server 1 IP address). To store each digit, press the CANCEL and HELP Buttons together. The unit will beep three times and display the next digit to be programmed. Repeat this process until all digits/characters (30 maximum) are programmed. 4. Press the CANCEL button to display the programmed server 1 IP address, which will flash on the status display. 5. Press the CANCEL button to exit the server 1 IP address sub-menu.
	<ol style="list-style-type: none"> 1. Press the HELP button to enter the server 1 port number (five digits maximum) sub-menu. 2. Press the HELP button again to view programmed server 1 port number, which will flash on the status display. To view the server 1 port number again, press the CANCEL and then HELP Button. 3. To change the port number, press the HELP button to step through the digits (-, 0-9). (Note: the dash programmed as the first digit will delete the server 1 port number). To store each digit, press the CANCEL and HELP buttons together. The unit will beep three times and display the next digit to be programmed. Repeat this process until all digits (five maximum) are programmed. 4. Press the CANCEL button to display the programmed server 1 port number, which will flash on the status display. 5. Press the CANCEL button to exit the server 1 port number sub-menu.
	<ol style="list-style-type: none"> 1. Press the HELP button to enter the server 2 IP address sub-menu and repeat steps 2-5 from the server 1 IP address sub-menu.

	1. Press the HELP button to enter the server 2 port number sub-menu and repeat steps 2-5 from the server 1 port address sub-menu.
	Warning! This will delete all the server settings. 1. Press the CANCEL and HELP buttons together and the unit will beep three times to indicate that all server settings have been deleted. 2. Press the CANCEL button to exit the server settings menu.

Pendants







To program new pendants (radio triggers):







Display	Instructions	
	1. Press the HELP button to enter the pendants sub-menu.	
	2. Press the HELP button to enter the pendant 1 sub-menu. The unit must display '-' (un-programmed). 3. Press any button on a new pendant three times. The unit will once beep with each button press and twice on the third to acknowledge the pendant is programmed. The status display will flash 'HP' once programmed. Note: If the unit sounds a long beep and shows '-' on the status display when pressing the pendant button, this indicates that a pendant has already been programmed into the unit. Follow 'Erase a pendant' steps before programming the new pendant. 4. Press the HELP button to select a programming option for the pendant, as listed below. 5. To store an option selected, press the CANCEL and HELP buttons together. The unit will sound a long beep and display the selected option. 6. Press the CANCEL button to exit the pendant 1 sub-menu.	
Display	Programming option	Information
	un-programmed	No pendant has been programmed
	Help	ON = Call OFF = Call PANIC = Call
	Call	ON = Emergency OFF = Restore PANIC = Emergency
	Help/Call	ON = Call OFF = Restore PANIC = Emergency
	Call/Help	ON = Emergency OFF = Restore PANIC = Call
	Security	ON = Arm OFF = Disarm PANIC = Call
	Answer	Panic initiates call or if rings are detected will answer the incoming phone call
	Dementia	1 button blue pendant initiates call on inactivity.
	Doorbell	1 button pendant where panic initiates doorbell tune one, two or three.
	Erase	Erase programmed pendant.

	<ol style="list-style-type: none"> 1. Press the HELP button to enter the pendant 2 sub-menu or press the CANCEL button to scroll to another pendant sub-menu and repeat steps 2-6 from the pendant 1 sub-menu.
	<p>To erase a pendant:</p> <ol style="list-style-type: none"> 1. From the pendant menu ‘_u’ press the CANCEL button to scroll to the pendant you wish to erase (u1-u8) and press the HELP button to enter the pendant sub-menu. 2. Press the HELP button to scroll through the sub-menu to option ‘Er’. 3. Press the CANCEL and HELP buttons together. The unit will beep three times and show ‘-’ on the status display. 4. Press the CANCEL button to exit the sub-menu.
	<p>Warning! This will delete all pendants.</p> <ol style="list-style-type: none"> 1. Press the CANCEL and HELP buttons together and the unit will beep three times to indicate that all pendants have been deleted. 2. Press the CANCEL button to exit the pendant menu.

Detectors









To program detectors (environmental sensors):


Display	Instruction	
	<ol style="list-style-type: none"> 1. Press the HELP button to enter the detectors sub-menu. 	
	<ol style="list-style-type: none"> 2. Press the HELP button to enter the detector 1 sub-menu. The unit must display ‘-’ (un-programmed). 3. Activate a new detector three times. The unit will beep once with each transmission and twice on the third transmission to acknowledge the detector is programmed. The status display will flash ‘Fi’ 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 detector has already been programmed into the unit. Follow ‘Erase a detector’ steps before programming new detector. 4. Press the HELP button to select a programming option for the detector, as listed below. 5. To store an option selected, press the CANCEL and HELP buttons together. The unit will sound a long beep and display the selected option. 6. Press the CANCEL button to exit the detector 1 sub-menu. 	
Display	Programming option	Information
	Un-programmed	No detector has been programmed.
	Fire	When triggered, the detector will activate an alarm call.
	Activity	When triggered during a specified timeframe, the detector will activate an alarm call.
	Inactivity	When not triggered during a specified timeframe, the

		detector will activate an alarm call (on channel 7 only).
	Doorbell	Sounds the programmed doorbell tune one, two or three when disarmed, initiates Emergency when armed.
	Erase	Erase programmed detector.
 to 	1. Press the HELP button to enter the detector 2 sub-menu or press the CANCEL button to scroll to another detector sub-menu and repeat steps 2-6 from the detector 1 sub-menu.	
	To erase a detector: 1. From the pendant menu ‘_d’ press the CANCEL button to scroll to the detector you wish to erase (d1-d8) and press the HELP button to enter the detector sub-menu. 2. Press the HELP button to scroll through the sub-menu to option ‘Er’. 3. Press the CANCEL and HELP buttons together. The unit will beep three times and show ‘-’ on the status display to indicate that the detector has been erased. 4. Press the CANCEL button to exit the sub-menu.	
	Warning! This will delete all detectors. 1. Press the CANCEL and HELP buttons together and the unit will beep three times to indicate that all detectors have been deleted. 2. Press the CANCEL button to exit the detector menu.	

Hardwired inputs










To program hardwired inputs:

Display	Instruction	
	1. Press the HELP button to enter the hardwired inputs sub-menu	
	2. Press the HELP button to enter the hardwired input 1 sub-menu. Note: input 1 reports to channel 5. 3. Press the HELP button to select a programming option for the hardwired input, as listed below. 4. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 5. Press the CANCEL button to exit the hardwired input 1 sub-menu.	
Display	Programming option	Information
	Disabled	All programming options disabled
	Help	Initiates call when closed
	Call	Initiates emergency when closed
	Answer	Answer the phone call
	Doorbell	Doorbell tune 1, 2 or 3
	1. Press the HELP button to enter the hardwired input 2 sub-menu and repeat steps 2-5 from the hardwired input 1 sub-menu.	

	<p>Warning! This will delete all hardwired inputs.</p> <ol style="list-style-type: none"> 1. Press the CANCEL and HELP buttons together and the unit will beep three times to indicate that all hardwired inputs have been deleted. 2. Press the CANCEL button to exit the hardwired inputs menu.
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Note: Normally open common and inputs.










Hardwired outputs



Display	Instruction	
	1. Press the HELP button to enter the hardwired outputs sub-menu	
	<ol style="list-style-type: none"> 2. Press the HELP button to enter the hardware output 1 sub-menu. 3. Press the HELP button to select a programming option for the hardware output, as listed below. 4. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 5. Press the CANCEL button to exit the hardwired output 1 sub-menu. 	
Display	Programming option	Information
	Off	Output disabled
	Length of activation (minutes)	Activates output for 1-9 minutes. If alarm is restored then output is switched off.
	On/off toggle	Activates output alarm triggered. When alarm is cancelled or restored the output is switched off.
 	<ol style="list-style-type: none"> 1. Press the HELP button to enter the hardwired output 2 sub-menu or press the CANCEL button to scroll to the auxiliary output 3 sub-menu and repeat steps 2-4 from the auxiliary output 1 sub-menu. 	
	Radio programming (default d = off)	
	<p>Warning! This will delete all hardwired inputs.</p> <ol style="list-style-type: none"> 1. Press the CANCEL and HELP buttons together and the unit will beep three times to indicate that all hardwired inputs have been deleted. 2. Press the CANCEL button to exit the auxiliary outputs menu. 	

Note: Open collector output to ground when activated.



Preferences

Display	Instruction	
	1. Press the HELP button to enter the preferences sub-menu	
Unit help button		
	<ol style="list-style-type: none"> 1. Press the HELP button to enter the unit help button sub-menu. 2. Press the HELP button to select a programming option, as listed below. 	



	<ol style="list-style-type: none"> To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. Press the CANCEL button to exit the unit help button sub-menu. 	
Display	Programming option	Information
	Call	Initiates emergency
	Help	Initiates call
Unit help button channel		
	<ol style="list-style-type: none"> Press the HELP button to enter the unit help button channel sub-menu. Press the HELP button to select a programming option, as listed below. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. Press the CANCEL button to exit the unit help button channel sub-menu. 	
Display	Programming option	Information
	Unit channel	Help button reporting to channel 1-8. Note: channel 6 is the default.
Exit time		
	<ol style="list-style-type: none"> Press the HELP button to enter the exit time sub-menu. Press the HELP button to select a programming option, as listed below. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. Press the CANCEL button to exit the exit time sub-menu. 	
Display	Programming option	Information
	Arm mode time (in 10 second increments)	The programmed time (10-60 seconds) between arming and activating the alarm.
Pre-alarm time		
	<ol style="list-style-type: none"> Press the HELP button to enter the pre-alarm time sub-menu. Press the HELP button to select a programming option, as listed below. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. Press the CANCEL button to exit the pre-alarm sub-menu. 	
Display	Programming option	Information
	Pre-alarm time (in 10 second increments)	The programmed time (0-60 seconds) between a pendant or detector triggering and activating the alarm.
Lockout		
	<ol style="list-style-type: none"> Press the HELP button to enter the lockout sub-menu. Press the HELP button to select a programming option, as listed below. 	

	3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option.	
	4. Press the CANCEL button to exit the lockout sub-menu.	
Display	Programming option	Information
	Enabled	Alarm will lockout any detector activations (excluding those programmed to FIRE option) that have triggered more than twice in arm mode.
	Disabled	Lockout option is disabled

Supervision of detectors


	<ol style="list-style-type: none"> 1. Press the HELP button to enter the supervision of detectors sub-menu. 2. Press the HELP button to select a programming option, as listed below. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the supervision of detectors sub-menu. 	
Display	Programming option	Information
	Supervision signal (in 1 hour increments)	Programmed Interval (0-24 hours) when at least one supervision signal is expected from each detector.











Inactivity timer

	<ol style="list-style-type: none"> 1. Press the HELP button to view programmed time, which will flash on the status display. To view the programmed time again, press the CANCEL and then HELP button. 2. To change the time, press the HELP button to step through the digits (0-9). To store each digit, press the CANCEL and HELP buttons together. The unit will beep three times and display the next digit to be programmed. Repeat this process until all digits are programmed. 3. Press the CANCEL button to display the programmed time, which will flash on the status display. 4. Press the CANCEL button to exit the inactivity timer sub-menu. 	
Display	Programming option	Information
	0-200 = hours or 201-255 = minutes	Interval where at least one activity signal is expected from each individual inactivity detector. If a number greater than 255 is programmed, the unit will sound a long beep.

Note: Inactivity timer can only be set after a detector has been programmed as inactivity.

Inactivity restore

	<ol style="list-style-type: none"> 1. Press the HELP button to enter the inactivity restore sub-menu. 2. Press the HELP button to select a programming option, as listed below. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option.
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	4. Press the CANCEL button to exit the inactivity restore sub-menu.	
Display	Programming option	Information
	Enabled	Restores when an activity message is received from the pendant or detector, or by the alarm CANCEL button.
	Disabled	Restores only by the alarm CANCEL button.
Quiet		
	<ol style="list-style-type: none"> 1. Press the HELP button to enter the quiet sub-menu. 2. Press the HELP button to select a programming option, as listed below. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the quiet sub-menu. 	
Display	Programming option	Information
	Enabled	Alarm beeps are silent and the unit will answer in listen only mode. Note: This does not affect the hands-free operation.
	Disabled	Quiet mode is disabled.
Phone options		
	<ol style="list-style-type: none"> 1. Press the HELP button to enter the phone options sub-menu. 2. Press the HELP button to select a programming option, as listed below. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the phone options sub-menu. 	
Display	Programming option	Information
	Dials all numbers	Dials all programmed phone numbers.
	Dials control centre numbers	Priority to programmed control centre numbers.
Answer call		
	<ol style="list-style-type: none"> 1. Press the HELP button to enter the answer call sub-menu. 2. Press the HELP button to select a programming option, as listed below. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the answer call sub-menu. 	
Display	Programming option	Information
	Auto-answer time (minutes)	Time after an activation where the alarm will auto-answer any incoming call.

Call back options



1. Press the HELP button to enter the call back unit sub-menu.
2. Press the HELP button to select a programming option, as listed below.
3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option.
4. Press the CANCEL button to exit the call back unit sub-menu.

Display

Programming option

Information



Enabled

Alarm auto-answers an incoming call after an activation



Disabled

Alarm does not auto-answer an incoming call after an activation



1. Press the HELP button to enter the call back pendants sub-menu or press the CANCEL button to scroll to the call back detectors or inputs sub-menus and repeat steps 1-4 from the call back unit sub-menu.

PABX tones



1. Press the HELP button to enter the PABX tones sub-menu.
2. Press the HELP button to select a programming option, as listed below.
3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option.
4. Press the CANCEL button to exit the PABX tones sub-menu.

Display

Programming option

Information



Enabled

Alarm will automatically disconnect if it detects a specific tone (e.g. short beep, long gap)



Disabled

Alarm will not detect a specific tone so call will disconnect on time-out or can be manually terminated by pressing the CANCEL button.

Note: If running on a PABX system, this should always be set to disabled.

Rings detected



1. Press the HELP button to enter the rings detected sub-menu.
2. Press the HELP button to select a programming option, as listed below.
3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option.
4. Press the CANCEL button to exit the rings detected sub-menu.

Display

Programming option

Information



Rings detected

Number of rings to detect before auto-answering after alarm activation.

Country dialling



1. Press the HELP button to enter the country dialling sub-menu.
2. Press the HELP button to select a programming option, as listed below.
3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option.
4. Press the CANCEL button to exit the rings detected sub-menu.

Display

Information



Australia (force DTMF)



New Zealand



Singapore, USA, Canada



UK and Europe

Programming access (via up/download software or remote DTMF control)



1. Press the HELP button to enter the programming access sub-menu.
2. Press the HELP button to select a programming option, as listed below.
3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option.
4. Press the CANCEL button to exit the programming access sub-menu.

Display

Information



Up/download software and remote DTMF access enabled



Up/download software access enabled only in program mode and remote DTMF access enabled



Up/download software access enabled and remote DTMF access disabled



Up/download software access enabled only in program mode and remote DTMF access disabled

RS232 baud rate



1. Press the HELP button to enter the RS232 baud rate sub-menu.
2. Press the HELP button to select a programming option, as listed below.
3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option.
4. Press the CANCEL button to exit the RS232 baud rate sub-menu.

Display

Information



115200




Disabled




9600




19200

	38400
	57600


Default values

	<p>Warning! This will set all preference options to default values.</p> <ol style="list-style-type: none"> 1. Press the CANCEL and HELP buttons together and the unit will beep three times to indicate that all preference options have been reset. 2. Press the CANCEL button to exit the preferences menu.
---	---


Systems

Display	Instruction
	<ol style="list-style-type: none"> 1. Press the HELP button to enter the systems sub-menu.

System check (check signal strength of pendants and detectors)


	<ol style="list-style-type: none"> 1. Press the HELP button to enter the system check sub-menu. Note: the unit display must be blank. 2. Press any pendant or trigger a detector. The unit will beep once and flash the signal strength on the display, (0-99). 3. Press the CANCEL button to exit the system check sub-menu.
---	--


Unit CANCEL button brightness


	<ol style="list-style-type: none"> 1. Press the HELP button to enter the CANCEL button brightness sub-menu. 2. Press the HELP button to select a programming option, as listed below. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the CANCEL button brightness sub-menu.
---	---

Display	Information
	Off
	Dimmed
	Bright


Listen pin

	<ol style="list-style-type: none"> 1. Press the HELP button to enter the listen pin sub-menu. 2. Press the HELP button to select a programming option, as listed below. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the listen pin sub-menu.
---	---

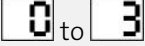
Display	Programming option	Information
	Enabled	Alarm listens to monitoring centre communication.

	Disabled	Alarm does not listen to monitoring centre communication.
---	----------	---


Microphone sensitivity

	<ol style="list-style-type: none"> 1. Press the HELP button to enter the microphone sensitivity sub-menu. 2. Press the HELP button to select a programming option, as listed below. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the microphone sensitivity sub-menu.
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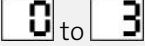
Display	Information
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	Microphone sensitivity
---	------------------------

Speaker volume









	<ol style="list-style-type: none"> 1. Press the HELP button to enter the speaker volume sub-menu. 2. Press the HELP button to select a programming option, as listed below. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the speaker volume sub-menu.
---	---

Display	Information
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	Speaker volume
---	----------------

Other system options (do not reprogram)


Display	Information
---------	-------------

	Line balance attenuation (default 0 = 15.)
	Line-in level DTMF (default 0 = normal)
	Line-out level DTMF (default 0 = normal)
	Report pre-time (default 10 = normal)
	Report tone time (default 4 = normal)
	Report quiet time (default 4 = normal)
	Report between time (default 10 = normal)
	Radio repeater (default d = disabled)


Default values

	<p>Warning! This will set all system options to default values.</p> <ol style="list-style-type: none"> 1. Press the CANCEL and HELP buttons together and the unit will beep three times to indicate that all system options have been reset. 2. Press the CANCEL button to exit the systems menu.
---	---


Cellular (do not reprogram via unit)

Display	Instruction
	To program the cellular settings use the up/download programmer software. If you do not have access to the software, contact your supplier.

Daylight savings (DLS)


Display	Instruction
	1. Press the HELP button to enter the daylight savings sub-menu.


DLS start ordinal




	<ol style="list-style-type: none"> 1. Press the HELP button to enter the DLS start ordinal sub-menu. 2. Press the HELP button to select a programming option, as listed below. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the DLS start ordinal sub-menu.
---	---

Display	Information
	First week of the month
	Second week of the month
	Third week of the month
	Fourth week of the month
	Fifth week of the month
	Disabled
	Fixed date


DLS start day

	<ol style="list-style-type: none"> 1. Press the HELP button to enter the DLS start day sub-menu. 2. Press the HELP button to select a programming option, as listed below. Note: If ordinal is set to 0 (fixed date), then days of the month are displayed as 1 to 31. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the DLS start day sub-menu.
---	---


Display	Information
	Monday
	Tuesday
	Wednesday
	Thursday
	Friday

	Saturday
	Sunday
	Days of the month, if ordinal is set to 0 (fixed date)


DLS start month

	<ol style="list-style-type: none"> 1. Press the HELP button to enter the DLS start month sub-menu. 2. Press the HELP button to select a programming option, as listed below. Note: If ordinal is set to 0 (fixed), then days of the month are displayed at 0 to 31. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the DLS start month sub-menu.
---	--







Display	Information
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	January to December
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DLS end ordinal

	<ol style="list-style-type: none"> 1. Press the HELP button to enter the DLS end ordinal sub-menu. 2. Press the HELP button to select a programming option, as listed below. Note: If ordinal is set to 0 (fixed), then days of the month are displayed at 0 to 31. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the DLS end ordinal sub-menu.
---	--

Display	Information
----------------	--------------------


	First week of the month
	Second week of the month
	Third week of the month
	Fourth week of the month
	Fifth week of the month
	Disabled
	Fixed date


DLS end day

	<ol style="list-style-type: none"> 1. Press the HELP button to enter the DLS end day sub-menu. 2. Press the HELP button to select a programming option, as listed below. Note: If ordinal is set to 0 (fixed), then days of the month are displayed at 0 to 31. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the DLS end day sub-menu.
---	--


Display	Information
	Monday
	Tuesday
	Wednesday
	Thursday
	Friday
	Saturday
	Sunday

DLS end month


- | | |
|---|--|
|  | <ol style="list-style-type: none"> 1. Press the HELP button to enter the DLS end month sub-menu. 2. Press the HELP button to select a programming option, as listed below. Note: If ordinal is set to 0 (fixed), then days of the month are displayed at 0 to 31. 3. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. 4. Press the CANCEL button to exit the DLS end month sub-menu. |
|---|--|

Display	Information
	January to December


Default values

- | | |
|---|--|
|  | <p>Warning! This will set all cellular options to default values.</p> <ol style="list-style-type: none"> 1. Press the CANCEL and HELP buttons together and the unit will beep three times to indicate that all system options have been reset. 2. Press the CANCEL button to exit the cellular menu. |
|---|--|


Timers

Display	Instruction
	To program the timer settings use the up/download programmer software. If you do not have access to the software, contact your supplier.

Reports

Display	Instruction
	<ol style="list-style-type: none"> 1. Press the HELP button to enter the reports sub-menu.

Report modes

- | | |
|---|--|
|  | <ol style="list-style-type: none"> 2. Press the HELP button to enter the report modes sub-menu. 3. Press the HELP button to select a programming option, as listed below. 4. To store an option selected, press the CANCEL and HELP buttons together. The unit will beep three times and display the selected option. |
|---|--|

	5. Press the CANCEL button to exit the report modes sub-menu.
Display	Information
	GSM only
	GPRS only
	GPRS/GSM
	GPRS/PSTN
	GPRS/GSM/PSTN
	PSTN Only
	PSTN/GPRS
	PSTN/GPRS/GSM
	PSTN/GSM/GPRS

Other report options (do not reprogram)

Display	Information
	Manual test reports
	Restores enabled
	Mains fail delay
	Mains fail repeat
	Low battery main unit reporting
	Low battery pendant and detector reporting
	RS232 transmission type

Default values

	<p>Warning! This will set all system options to default values.</p> <ol style="list-style-type: none"> 1. Press the CANCEL and HELP buttons together and the unit will beep three times to indicate that all system options have been reset. 2. Press the CANCEL button to exit the systems menu.
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Doorbell tunes

Display	Instruction
	To program the doorbell tunes use the up/download programmer software. If you do not have access to the software, contact your supplier.

Exit programming mode

Display	Instruction
	1. Press the HELP button to exit programming mode. Note: The client ID and 'n1' phone number must be programmed in to exit programming mode.

Specifications

Liberty³⁰⁰ unit

Weight:	590 g (including battery)
Dimensions:	(LxWxD) 286 x 174 x 38 mm
Radio frequency:	915 - 928MHz frequency band
Radio range:	100 - 300m in open air (subject to environmental conditions)
Mains power:	9V DC 300mA with integral earth
Standby battery:	4.8V 1600mAh rechargeable Ni-MH
Backup battery time:	AS4607 compliant 40 hours
Operating temperature range:	Ambient temperature range 0°C to +50°C

Transmitter

Type:	Crystal stabilised
Frequency:	915 - 928 MHz (Australia and New Zealand)
Power output:	< 100 uW (or various international compliances)

Conforming standards

Telecommunications:	AS/CA S002:2010 inc Amendment No.1 2012, AS/ACIF S004-2008, PTC200:2006 3G: Dual-Band UMTS/HSDPA 850(800)/2100MHz GSM: Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
EMC:	AS/NZS CISPR22:2009, EN55024:2010, EN55022:2010, EN61000-3-2:2006 +A1:2009 +A2:2009, EN61000-3-3:2008
Safety:	AS/NZS 60950.1:2011 + A1:2012
Radio (main unit and pendant):	AS/NZS 4268: 2012
CE:	Compliant
Design, manufacture, installation and service:	ISO9001:2000, AS4607
Warranty:	24 month warranty
Part numbers:	Liberty ³⁰⁰ alarm 106-288 Liberty ³⁰⁰ pendant 106-183 Liberty ³⁰⁰ alarm battery 142-031

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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