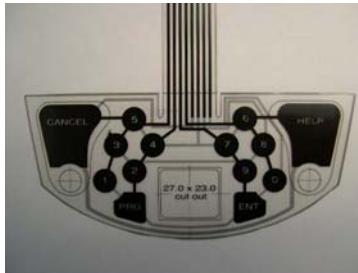# MEDICO
Medical Alert Autodialer

Proudly Manufactured by
Arrowhead Alarm Products

User Guide

Proudly Designed and Manufactured in New Zealand

TABLE of CONTENTS

Your "MEDICO" wireless medical communicator has been designed to be a reliable and user friendly device that enables you to summon assistance 24 hours a day at the press of a button.

The "MEDICO" is designed and built in New Zealand for local conditions.

In addition to the advanced design, only the highest quality components have been used in the production of this product to ensure the highest degree of reliability.

This manual will guide you through the features of your Medico alarm.
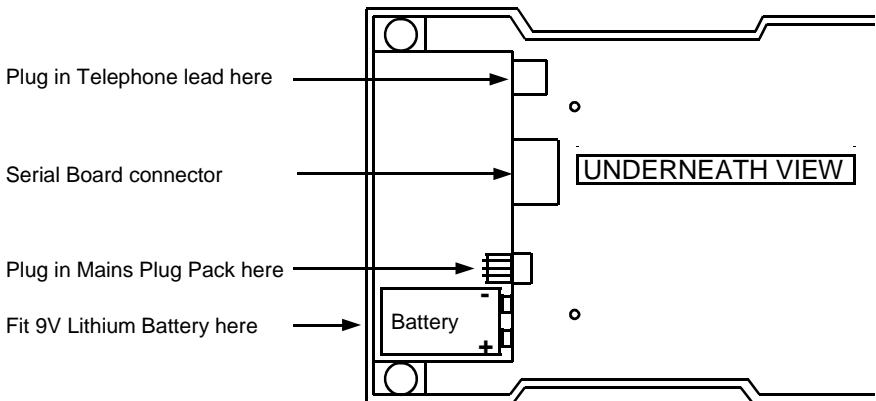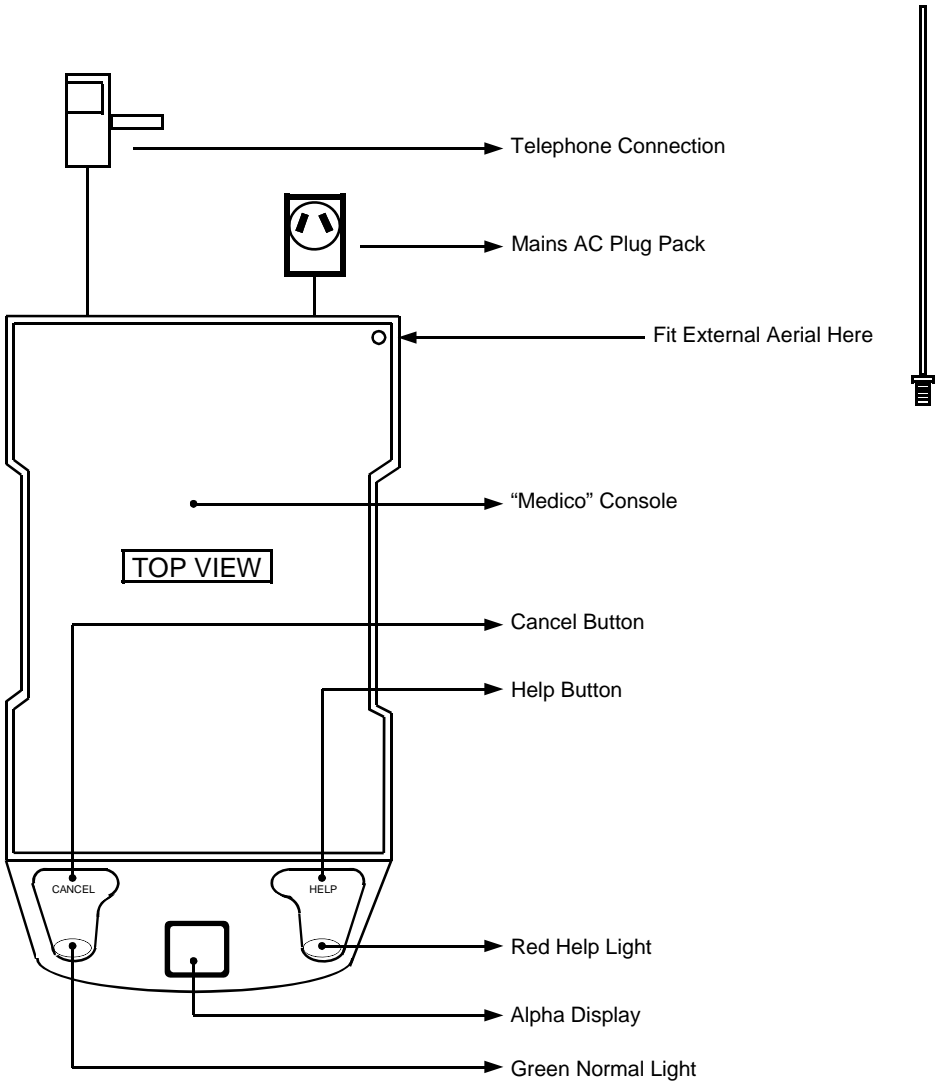
MECHANICAL LAYOUT

Plug in Telephone lead here

Serial Board connector

UNDERNEATH VIEW

Plug in Mains Plug Pack here

Fit 9V Lithium Battery here

Battery

Figure 1

Telephone Connection

Mains AC Plug Pack

Fit External Aerial Here

"Medico" Console

TOP VIEW

Cancel Button

Help Button

CANCEL

HELP

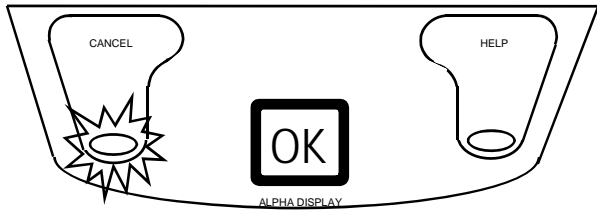Red Help Light

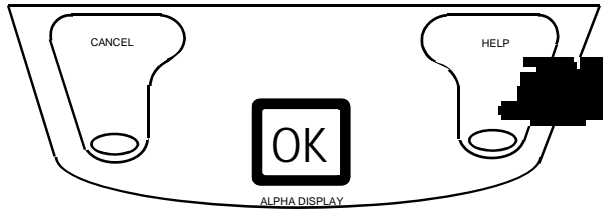Alpha Display

Green Normal Light

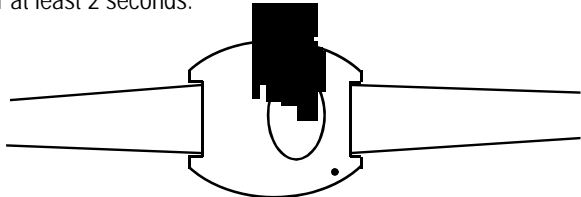Figure 2

OPERATING YOUR MEDICO

NORMAL

When the unit is plugged in to a power point and phone jack and the battery voltage is good, the Green "CANCEL" light will blink every 4 seconds and the Alpha Display will show "OK".
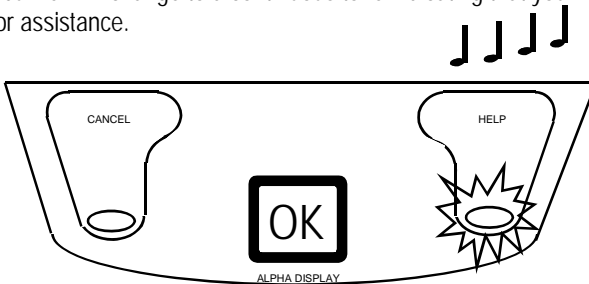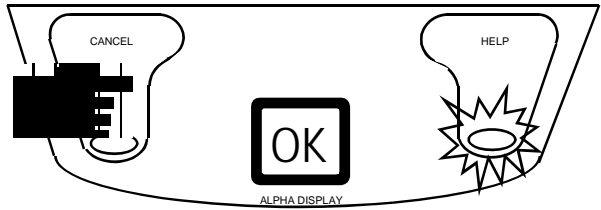
TO CALL FOR HELP

Press the RED help button on the "Medico" front panel. **OR** Press the button on your waterproof transmitter for at least 2 seconds.

The Green "CANCEL" light will stop flashing and the Red "HELP" light will flash rapidly. The internal buzzer will beep once per second for 15 seconds indicating that an alarm is pending. If the "CANCEL" button is pressed within the 15 second period, the alarm will be cancelled and the unit will return to normal state. If the alarm is not cancelled and the timer expires, the buzzer will change to a continuous tone indicating that your MEDICO is now dialing out for assistance.
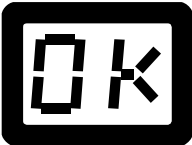
TO CANCEL ALARM

CANCEL

OK

HELP

ALPHA DISPLAY

To Cancel an Alarm press the "Cancel" button for 2 seconds. The RED alarm LED will turn off and the Green LED will start to flash once every 4 seconds.

ALPHA DISPLAY INDICATIONS & WHAT THEY MEAN
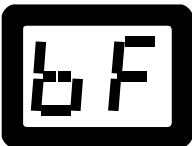
NORMAL

When the display shows "OK", this means there are no alarms and the mains and battery are good.
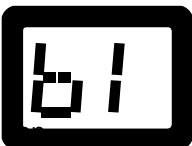
LINE FAILURE

If the unit detects that the telephone line is not operational, the display will show "LF" for line failure. When the line returns the display will go back to showing "OK".

SYSTEM BATTERY LOW

If the internal standby battery voltage is low the display will show "bF" for battery failure. The battery should be replaced with a new 9V lithium battery and then the display will go back to showing "OK".
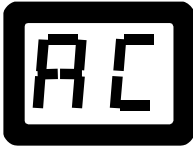
PENDANT BATTERY LOW

If a pendant has a low battery it will signal your MEDICO unit. The display will show "b" and the pendant number . The battery should be replaced or get a new pendant. Test by Pressing the pendant but- followed by the "Cancel" button to clear the display.
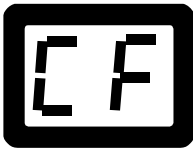
5

ALPHA DISPLAY INDICATIONS
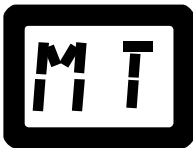## CONTINUED

MAINS (AC) FAILURE

AC

If the external Mains supply is off the display will show "AC" for mains failure. When the mains supply returns the display will go back to showing "OK".
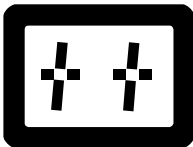
CALL FAILURE

CF

If the internal telephone dialler makes a call to the monitoring centre and the call does not go through for any reason the display will show "CF" for call failure. When the dialler makes a successful call the display will go back to "OK".

MEDICAL TIMER

MT

Your MEDICO has a built-in medical timer. This timer could be used to remind you at a preset time each day to take medication. Your installer can program the time and the length of alarm. Your MEDICO can even be set to dial the call centre if the alarm is not cleared by pressing the green CANCEL button before the alarm buzzer times out. Display will go back to "OK".

MANUAL CALL ANSWER/CALLBACK (Service tool)

++

If the user presses the "CANCEL" Button 5 times within a 10 second period the display will show "++" and the unit will either:
1-answer the next in-coming call, or
2-make a call to the 'callback' number.
Once the unit has answered the call or called the 'callback' number (depending upon the programmed options), the display will return to "OK".

SPECIFICATIONS

POWER:

240 Volts AC input, 15 Volts AC Output Plug Pack. Current: 300ma. (Thermal fuse protected).

MEDICO UNIT:

Standby Battery:	9 Volt Lithium Battery.
Quiescent Current during AC Fail:	9ma.
Battery Low Voltage:	7.8 Volts.
Standby time on battery:	Typically 96 hours (4 days) on fully charged battery
Receiver Frequency:	Available in 303.825mhz .
Programming:	Discrete Membrane keypad accessible by removable keypad overlay.
Manual Alarm button:	Embossed Hi-sensitivity Red membrane button.
Manual Cancel button:	Embossed Hi-sensitivity Green membrane button.

TRANSMITTERS

Frequency:	Available in 303.825mhz.
Type:	A wide variety of waterproof transmitters are available.

UPLOAD/DOWNLOAD

Modem Connection:	Connection using either BELL103 or V21 formats
Direct Connection:	Via local plug-in Serial board Adaptor (RS232).

LOCAL DATA TRANSFER (DTU)

Local Programming:	Via pre-programmed DTU board using serial socket.

EVENT MEMORY

Number of Events:	Will store 127 Events with time & date stamping

Proudly Manufactured by
Arrowhead Alarm Products

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