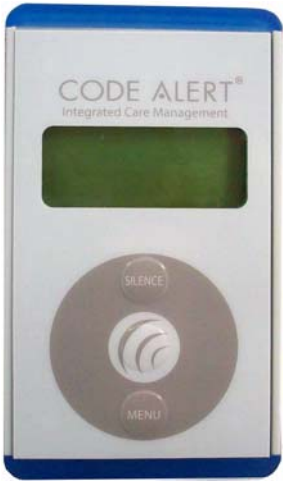
RFTechnologies®

CODE ALERT®

Care Manager



In-Service Guide

P/N: 0510-1067-B
Release Date: 02/26/10

Users must read this Guide before using the Product.

3125 North 126th Street, Brookfield, WI 53005
Phone: 800.669.9946 Web: www.rft.com

Compliance

Federal Communication Commission (FCC) Compliance

FCC ID: KXU-PGR2CCZ24
IC: 2719A-PGR2CCZ24

This device complies with Part 15 of the FCC rules. Operation is subject to the following to conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operations. Changes or modifications not expressly approved by RF Technologies could void the user's authority to operate the equipment.

FCC and IC Radiation Exposure Statement for Portable Devices

(For the Care Manager model 9600-0500)

This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment is in direct contact with the body of the user under normal operating conditions. This transceiver must not be co-located or operating in conjunction with any other antenna or transceiver.

Industry Canada Compliance

Changes or modifications not expressly approved by RF Technologies could void the user's authority to operate the equipment. The Term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

This device has been designed to operate with the antennas listed below, and having a maximum gain of 3dBi. Antennas not included in this list or having a gain greater than 3dBi are strictly prohibited for use with this device. The required antenna impedance is 50 ohms. Acceptable antennas are PCB antennas in all cases of the Router which uses a 2.4 GHz 1/2 wave RP-SMA.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

Important Warnings

It is important for your facility to implement and enforce the following WARNINGS in order to keep all equipment functioning properly. Disregarding the information and instructions in this document is considered abnormal use and may result in injury or system failure.

WARNING

ACCESSORIES (SUPPLIES)—To ensure patient safety and proper operation of equipment, use only parts and accessories manufactured or recommended by RF Technologies, Inc. Parts and accessories not manufactured or recommended by RF Technologies, Inc. may not meet the requirements of the applicable safety and performance standards**.**

Failure to use the components and supplies specified by RF Technologies, Inc. may result in equipment and/or system failure.

WARNING

EXPLOSION HAZARD—This device should not be used in the presence of flammable gas mixtures. It should also not be used in oxygen enriched atmospheres.

WARNING

HIGH RISK FOR FALL—The CA520 System may not be suitable for patients who are at "HIGH RISK FOR FALL." Other monitoring measures may also be required. The Motion Alert System should not be a substitute for routine visual monitoring protocol by caregiving personnel.

WARNING

INSTALLATION AND CONFIGURATION—It is the responsibility of the facility to follow the installation instructions carefully, as outlined in the *Series 6.0 Software Administrator Guide*, and to use the components and supplies specified by RF Technologies, Inc. for all installations.

Failure to use the components and supplies specified by RF Technologies, Inc. may result in equipment and/or system failure.

WARNING

INSTRUCTIONS FOR SET UP AND USE—It is the responsibility of the facility to follow the instructions for set up and use carefully, as outlined in this manual, and to use the components and supplies specified by RF Technologies, Inc. for set up and use. Do not attempt to use extension cords or other equipment not supplied by RF Technologies, Inc.

Failure to use the components and supplies specified by RF Technologies, Inc. may result in equipment and/or system failure.

WARNING

PATIENT GENERATED ALARMS—Do not rely exclusively on patient generated alarms for patient care and safety. The alarm function of equipment in the possession of patients must be verified periodically and regular patient surveillance is recommended**.**

WARNING

PATIENT MONITORING—The most reliable method of patient monitoring combines close personal surveillance with correct operation of monitoring equipment. It is the responsibility of the facility to periodically check on patients in possession of RF Technologies, Inc.'s equipment (i.e. Pendants, Pull Cords, Control Units) to mitigate risk of inappropriate use of equipment or strangulation and stumbling hazards from cables and cords

WARNING

PRODUCT WARRANTIES—Failure to follow the Warnings and Cautions in this guide voids any and all Product Warranties

WARNING

STATIC DISCHARGE—Do not touch the conductor portion of any conductor or port. Damage tot he device may result.

WARNING

STRANGULATIONS AND TRIPPING HAZARD—Due to the possibility of strangulation, all cables and cords should be routed away from the patient’s throat. Cables and cords must be routed in a way to prevent tripping hazards.

WARNING

SYSTEM INSPECTION—It is the responsibility of the facility to establish and facilitate a regular inspection schedule for your system. RF Technologies, Inc. recommend quarterly inspections of your system for safety and performance by a qualified RF Technologies, Inc. representative.

To arrange for a quarterly inspection by RF Technologies, Inc., call our Technical Support Department at (800)-669-9946 or (262) 790-1771.

Failure to provide regular inspection of these products may result in equipment and/or system failure.

WARNING

SYSTEM MAINTENANCE AND TESTING—It is the responsibility of the facility to establish and facilitate a regular maintenance schedule for your system, as outlined in the *Series 6.0 Software Administrator Guide*. This includes regular inspection, testing, and cleaning. RF Technologies, Inc. recommend monthly maintenance and testing of your system. It is also recommended that your facility keep records of maintenance and test completions.

Failure to provide regular maintenance and testing of these products may result in equipment and/or system failure.

WARNING

SYSTEM WIRING—All permanent supply connections must be done in accordance with National Electric Code, NFPA 70.

WARNING

USER TRAINING—Only users who have received adequate training on the use of the system, as outlined in this manual, should use the system. It is the responsibility of the facility to ensure all users have been trained.

Failure to adequately train employees may cause system failure due to user error. In addition, incorrect use of the equipment may also result in system failure.

WARNING

WORN OR DAMAGED PARTS—If the control unit pads or cables are worn or damaged, you must have the product serviced. For more information, see the section entitled "Service and Return."

WARNING

All RF Technologies transmitters, pendants and banding material "PRODUCT" have been determined to be MR Unsafe as defined by ASTM F 2503-05. Use of "PRODUCT" in a Magnetic Resonance Imaging system will cause injury to patients and staff, MR system malfunction or "PRODUCT" malfunction. Do not bring "PRODUCT" into the MR system area and follow your facilities policies to classify and label "PRODUCT" as MR Unsafe.

CAUTION

DISPOSAL—At the end of their service life the products described in this manual, as well as accessories (i.e. lithium batteries, banding material, disposable pads, etc.), must be disposed of in compliance with all applicable federal, state and local guidelines regulating the disposal of products containing potential environmental contaminants. Dispose of the packaging material by observing the applicable waste control regulations.

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Contents

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Preface

Overview

This guide provides detailed information about the Code Alert Care Manager, a components 9600 Wireless Call System. It provides instructions about using and configuring the Care Manager as well as Care Manager specification.

The Care Manager is a pocket-size battery-powered device carried by a care-provider. The Care Manager allows a care-provider to receive patient calls for help and other alarms while roaming anywhere within the facility coverage area. Each text page indicates the type of alarm, patient name, and location. The Care Manager two-way communications allows a care-provider to assign a Joint Commission reason from the Care Manager, saving time by eliminating frequent trips to a PC. Two-way communications also allows the care-provider to call other care-providers for help.

The 9600 Series Wireless Call System fully supervises the Care Manager and will alert staff if a problem develops or if a signal is not received by the system. The Care Manager is battery operated, and the battery can be replaced by the facility. When the battery is low, staff is continuously notified until the battery is changed.

About this Guide

This Guide is intended for users who use the Care Manager, in conjunction with the 9600 Series Wireless Call System. It includes detailed information about Menus, Configuration and Charging the Care Manager.

Additional Detailed Documentation

Documentation for your system is available in Portable Document Format (PDF) on the System Documentation CD-ROM. Please contact your RF Technologies sales representative for replacement CD-ROMs.

Contact Information

For more information about RF Technologies, Inc. products, go to www.rft.com. For technical support, contact the Technical Support Team at (800) 669-9946 or (262) 790-1771. For questions or comments about the Care Manager documentation, contact the RF Technologies Technical Publications team at techpubs@rft.com.

Product Warranty

Product Warranty information can be found on the System Documentation CD-ROM or with your original system proposal and invoice.

Chapter 1

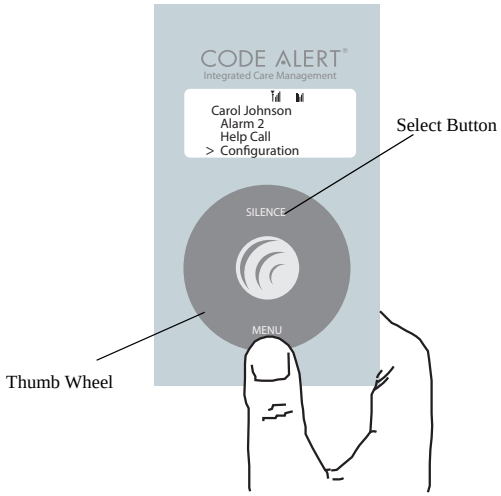
Operations

Main Menu

The Main Menu appears when the Code Alert Care Manager is powered.

- It displays the name of the caregiver login assigned to the Care Manager.
- It provide access to the Alarm menu and displays the number of active alarms (0-100).
- It provides access to the HELP CALL/CLEAR actions or displays No Signal when applicable.
- It provides access to the Configuration menu.

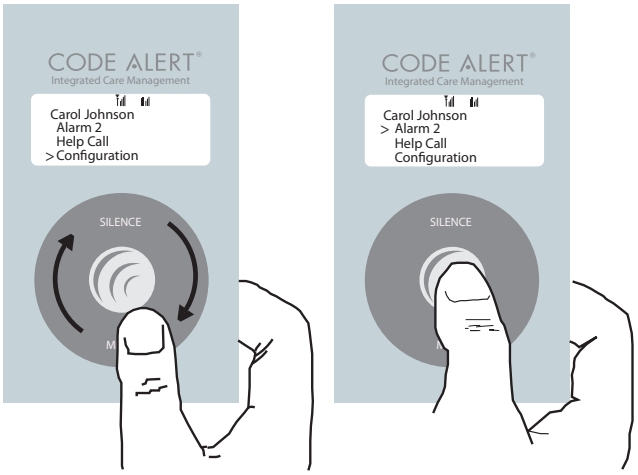
From any menu, you can access the Main Menu by pressing MENU.



To Select an Item

Selecting an item is a simple two step process.

1. Rotate the thumb wheel to position the arrow (>) on an option
2. Press the select button to access the selected options.



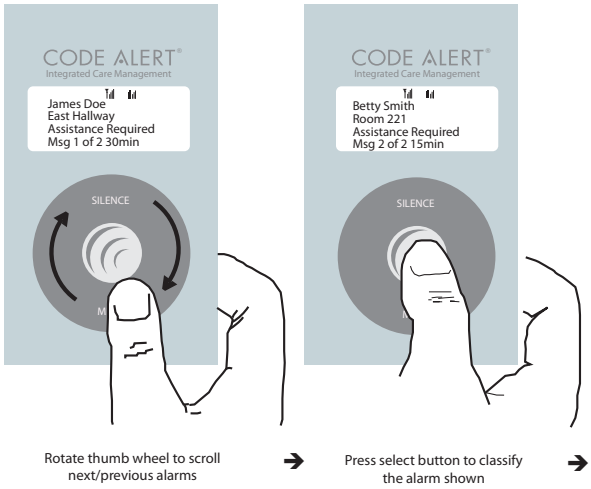
Rotate Thumb Wheel Press Select Button

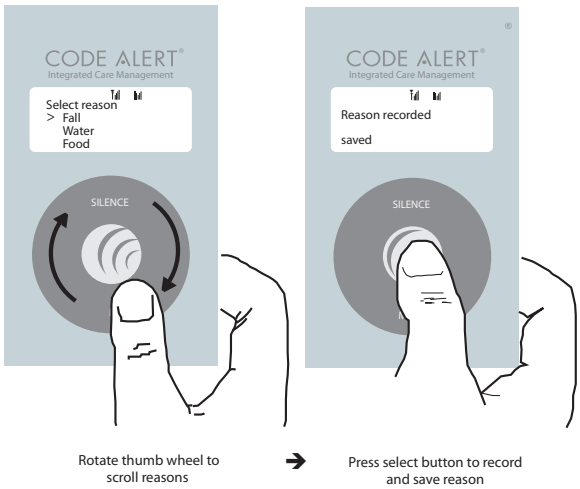
Alarms Menu

The ALARMS menu displays the number of active alarms (0-100). If the number is greater than 0 you can access the ALARMS menu by positioning the arrow (>) next to ALARMS and pushing the select button.

When you access the Alarms Menu, the most recent, highest priority alarm will be displayed first; rotate the wheel to select a different alarm. The information in the Alarm window includes the name and location of the person generating the alarm, the event type, the number of active alarm messages and the number of minutes this alarm has been active. From the ALARMS menu you can select a reason for the alarm or delete the alarm.

Selecting a reason records the reason, saves it and returns you to the next highest priority alarm on the MAIN MENU if no alarms are active. The Select Reasons listed are: Fall, Water. Food. Talk, Bathroom, Test, Other, Responding, Escalate and Delete Alarm.





Silence Alarms

Alarms can be silenced by pressing SILENCE on the thumb wheel. Alarms must be SILENCE before the next alarm can be displayed.

No Signal (option not shown)

If the Care Manager is taken out of range and loses its signal, NO SIGNAL is displayed and menu items disappear. Selecting this field has no action. Bringing the Care Manager back in range brings back menu items.

Help Call/Clear

HELP CALL and CLEAR are direct action options that toggles between the two. When HELP CALL is displayed, selecting it initiates an alarm for help. Once selected, the option changes to CLEAR. The Care Manager continues to send out the alarm message until you select CLEAR.

Charging the Care Manager

To charge the Care Manager, plug the AC end of the charge adapter into a working electrical outlet. Connect the other end to the power jack on the side of the Care Manager. When the Care Manager is plugged into the charge adapter, the RF Technologies Code Alert information window is displayed indicating OFF DUTY and the charge status, CHARGING or FULL CHARGED.

The Care Manager can be manually configured to function “ON DUTY with the scroll menu and will link up with a Gateway on the same channel.

1. Press MENU then select Configuration
2. Select On/Off.
3. Select ON DUTY and Save.

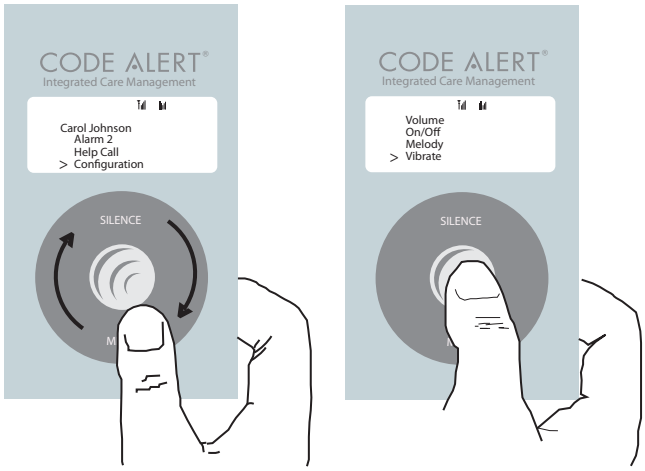
The Care Manager window goes blank once the Care Manager is disconnected from the charge adapter. The blank screen indicates that the Care Manager is in **Sleep Mode**. When the Care Manager is in Sleep Mode, any activity on the thumb wheel “wakes up” the Care Manager and activates the Main Menu.

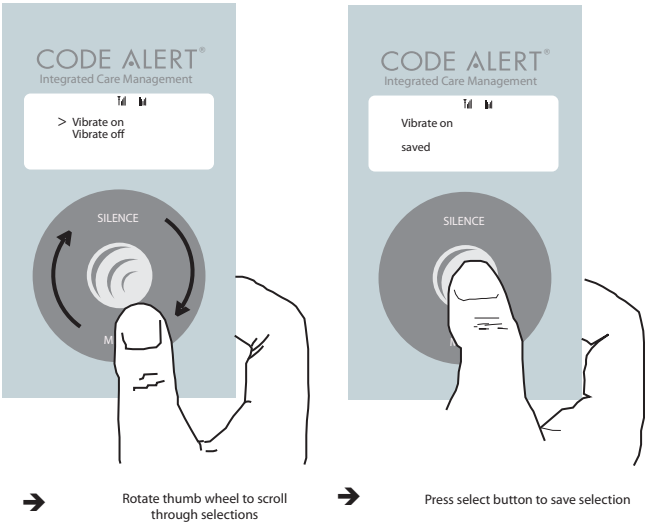
Chapter 2

Configuration

The CONFIGURATION menu allows you to configure the Care Manager and personalize settings. The options under Configuration are:

- Volume—allows you to adjust the volume on the Care Manager.
- On/Off—manually configure to function On/Off Duty.
- Melody —allows you to select and hear an alarm melody
- Vibrate—turns vibration on or off.
- Contrast—allows you to adjust the contrast of the display.
- Name—Edit or change the name of the person carrying the Care Manager.
- ConfigReg—The Care Manager requests the latest Joint Commission cause and the cause text.




CODE ALERT®
Integrated Care Management
> Vibrate on
Vibrate off
SILENCE
CODE ALERT®
Integrated Care Management
Vibrate on
saved
SILENCE
Rotate thumb wheel to scroll through selections
Press select button to save selection

Chapter 3

Specifications

Specifications

Power	3.7V Lithium Ion batteries
Battery Life	1 Year
Frequency	2.4 GHz Direct Sequence Spread Spectrum
Frequency Range	2.405 - 2.475 GHz
Transmit Power	0 dBm
Dimensions	3.88" H x 2.5" W x .69" D
Weight	.22 lbs (3.5 oz.)
Color	Gray
Certification	FCC, Part 15 Industry Canada
Part Number	9600-0500

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