HomeFree
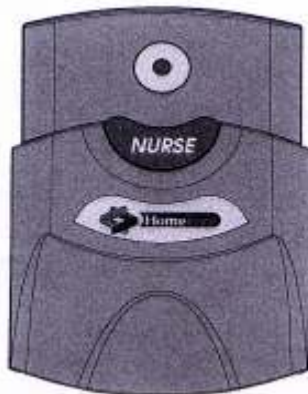
Wireless TelehomeCare Solutions

Pull Cord
USER MANUAL

FCC ID : QUX-PC-830-2


10 – May - 2007

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1.   Foreword

The ***HomeFree at Care Centers*** system was designed to monitor special needs and Dementia individuals in the care center environment. The Pull Cord is one of the many unique elements of this system.

The Pull Cord is a small wall-mounted device, to be installed at bedside and in the bathroom of nursing homes and assisted leaving homes.   Once pulled, the Pull Cord Device shall transmit panic messages once every 18-22 seconds (random interval within this range), until it is reset by a nurse. It will be possible to turn the Pull Cord on and off (for saving battery life and for aviation safety while shipped).   While the Pull Cord is ON, it shall transmit a status message, once every hour, to indicate that it is still functioning and to report its battery level.

LED Indicator
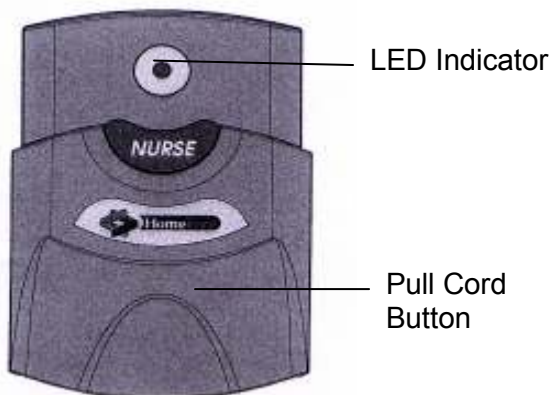
Pull Cord
Button

1.1.   Pull Cord Device - State machine Drawing:
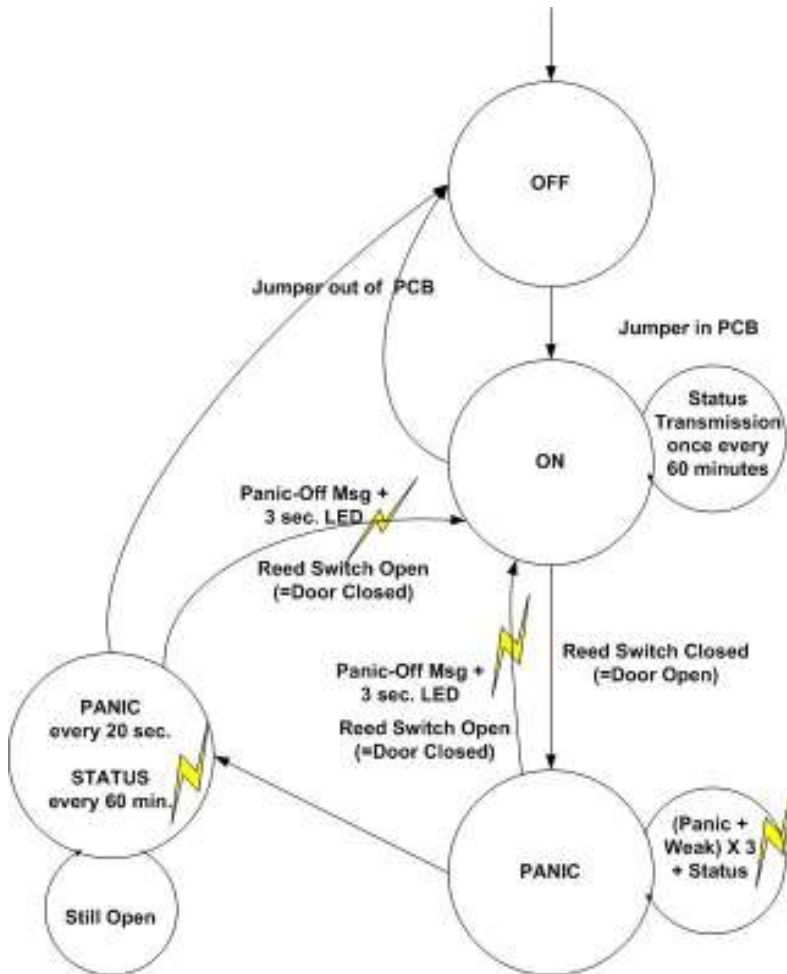
1.2.   Activating the Pull Cord:

The Pull Cord have an on/off function, to enable battery life saving while not in use, and aviation safety while being shipped.

The Pull Cord is turned off by the manufacturer before shipment and must be activated before use. To activate, hold the Pull Cord insert the battery into the PCB.

Once the Pull Cord is working, it sends a status message every 60sec to the monitoring station. The monitoring station then indicates the current battery status. This status message is sent until the Pull Cord is deactivated.

1.3.   Activating a Panic Alert:

To move from an ACTIVE – NO ALARM mode to an ACTIVE – PANIC ALARM mode – the user will have to pull the PCD cord.

Once in panic alert mode, the Pull Cord sends a panic alert message to the monitoring station. This message is sent until the panic alert is deactivated.

1.4.   Deactivating a Panic Alert:

To move back from an ACTIVE – PANIC ALARM mode to an ACTIVE – NO ALARM mode (= Reset operation) – the user will have to move the pulled down knob to its original upper position.

Even though the panic alert has been deactivated, the Pull Cord is still working. Therefore, the Pull Cord still sends a status message to the monitoring station. This status message is sent until the Pull Cord is deactivated.

1.5.   Deactivating the Pull Cord:

Holding the Pull Cord and take off the Battery. The Pull Cord is now in deactivated mode (turned off).

1.6.   Cleaning Instructions

A soft brush and any cleaning solution are all that is needed to clean the Pull Cord.

Alcohol based solutions; Soapy water or Lysol can be used to clean the Pull Cord.

2.   FCC Notices

This note is applicable to the American Pull Cord

NOTE

The Pull Cord complies with Part 15 of the FCC Rules. 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.

This device has been tested and found to comply with the limits of the Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver.
- Consult the dealer or an experienced radio/TV technician for help.