

# 433-CMU-40/60 Instructions

## Wireless Central Monitoring Unit



Caregiver Pocket Pager



CordLess Bed and  
Chair Sensor Pads



CordLess Floor Mats



Wireless Motion Sensor



Wireless Nurse  
Call Button



Wireless Window/Door  
Exit Alarm



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# Mission & Value Statement

## Smart Caregiver Mission Statement

To ensure the safety and comfort of each and every patient and resident, Smart Caregiver is committed to supplying the least expensive and best quality patient monitors so that Care Givers can afford to have the necessary amount of monitors needed to keep people safe from falls.



Tim Long, Smart Caregiver President

### We are here to help!

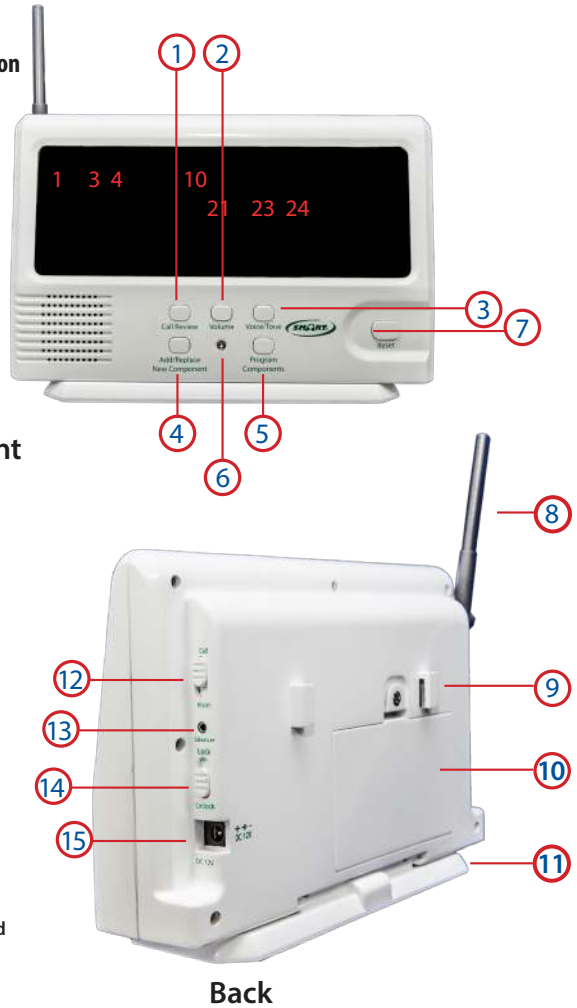
For safety reasons, program only one component to each number on the Central Monitor. This ensures that the caregiver knows which resident and location to respond to (i.e. if a resident is using a bed pad in their room and a chair pad on their wheelchair.) Please use the chart included in the back of this instruction manual as a legend for the resident component and corresponding number on the Central Monitor. You can remove this page and keep next to your Central Monitor.

Please call our world-class customer service department if you have any product questions or need help with the set up of your Central Monitor (800)650-3637.



# Features

1. Call Review Button
2. Volume Button
3. Voice/Tone Button
4. Add/Replace New Component Button
5. Program Components Button
6. Programming Light
7. Reset Button
8. Antenna
9. Hook for Mounting Bracket
10. Battery Compartment
11. Base / Mounting Bracket
12. Call/Alarm Switch
13. Silencer Port
14. Lock/Unlock Switch
15. AC Adapter Input



Front

Back

## Important Icons:



## Language Setting:



433-CMU-40/60

Unlock CMU to adjust language or select a tone, then press the "Voice/Tone" button on the Central Monitor. Press "Voice/Tone" button repeatedly to scroll through the available options. When you find your desired selection, stop pressing the button. Lock when complete.

## Volume Setting:



433-CMU-40/60

Adjust volume by pressing "Volume" button on Central Monitor. Choose from 3 volume options by repeatedly pressing "Volume Button" until you find desired volume. Monitor is shipped with alarm volume set at 90 decibels (90 decibels is the legally accepted occupational noise allowance).

# Features Explained

1. **Call Review Button** - Used to review previous alerts
2. **Volume Button** - Increase or decrease the alert volume
3. **Voice/Tone Button** - Choose between tone alert or language option ( English, French or Spanish)
4. **Add/Replace New Component Button** - Button used when adding additional components to your CMU
5. **Program Components Button** - Button used when programming your components to your CMU
6. **Programming Light** - Will light up when CMU is in programming mode
7. **Reset Button** - Button used to reset your CMU when alerting
8. **Antenna** - Increases the signal strength from components
9. **Hook for Mounting Bracket** - Slide bracket off bottom of monitor to use. When mounting on a wall, use hooks to hang on mounting bracket
10. **Battery Compartment** - Remove cover to insert 4-C batteries.
11. **Base / Mounting Bracket** - Used as base when CMU is sitting on a table or slide bracket off bottom of monitor to use as a wall mounting bracket
12. **Call/Alarm Switch** - CALL is the tone selected using the VOICE/TONE button (Recommended) and ALARM is a siren sound.
13. **Silencer Port** - By placing a silencer pin in this port, there will be no audible alert - **only recommended if using a pager**
14. **Lock/Unlock Switch** - Used to lock the CMU so programming cannot be changed
15. **AC Adapter Input** - Connect AC adapter here to power CMU

# Pre-Programmed Instructions

**If your system is sent out with the components pre-programmed, please follow the steps below:**

1. Insert batteries into all components.
2. Plug in AC adapter or insert 4-C batteries into the 433-CMU.
3. For bed or chair pads, apply 30 seconds of pressure to initialize the pad(s).
4. Select ALARM or CALL on the side of the 433-CMU
  - ALARM is a siren sound
  - CALL is the tone selected using the VOICE/TONE button (Recommended)
5. Select the desired tone and volume on the 433-CMU
  - To change tone, move switch on side to "Unlock", press Voice/Tone till you get the desired tone or language
  - Then switch to "Lock".
6. Test system by activating each component. Components will be labeled with the corresponding number to the 433-CMU. Press Reset Button to stop alert/reset CMU.

***If you have completed the steps above and need additional help, please feel free to contact us and our world-class customer service team will be happy to help. Call 800-650-3637.***

# Setup - Programming



**IF YOUR SYSTEM IS PRE-PROGRAMMED, DO NOT FOLLOW THE STEPS BELOW. GO TO PAGE 5.**

## To Program Components to Your New CMU:

Numbers flashing across the screen of the Central Monitor indicates that there are no components currently programmed into the Central Monitor.

**\*READ THESE INSTRUCTIONS FULLY BEFORE BEGINNING TO PROGRAM.**

1. Insert batteries into all components requiring a battery.
2. Plug in AC adapter or insert 4-C batteries into the 433-CMU.
3. For bed or chair pads, apply 30 seconds of pressure to initialize the pad(s).
4. Move the switch on the side of the CMU to the UNLOCK position.
5. Select ALARM or CALL on the side of the 433-CMU
  - ALARM is a siren sound
  - CALL is the tone selected using the VOICE/TONE button (Recommended)
6. Select the desired tone and volume on the 433-CMU
  - To change tone, move switch on side to "UNLOCK"; press Voice/Tone until you get the desired tone or language
  - Then move switch on the side of the CMU to the "LOCK" position
7. Hold down the PROGRAM COMPONENTS Button. Wait until you hear 2 dings and a melodic confirmation tone; then release button.
8. Activate First Component:
  - **Bed or Chair Sensor Pad** - apply pressure and release after 2-3 seconds.
  - **Nurse Call Button** - push button and then release (Red light on button will illuminate).
  - **Motion Sensor** - turn switch on and wave hand in front of sensor (This could take 10-15 seconds) then turn off when CMU calls number.
  - **Pager with Reset Button** - press and release reset button on the pager.
  - **Floor Mat** - turn on floor mat transmitter and step on floor mat until CMU alerts.
9. The CMU LCD Display will numerically show and speaker will audibly announce the component alert number. When programming pager with reset button, CMU will ding but not show a number.
10. Wait for the CMU to sound a melodic confirmation tone before going to the next step.
11. To program additional component(s): repeat steps 8-10 for each new component.

**\*IF CMU TIMES OUT AFTER PROGRAMMING FIRST COMPONENT, REFER TO PAGE 11 FOR ADDING ADDITIONAL COMPONENTS.**

After you have activated the last component, wait for the CMU to sound it's melodic confirmation tone and then move the switch to the LOCK position and press and release the RESET button on the CMU

12. Test your system! Activate component, wait for alert then press and release RESET Button
13. Your system is now ready for use!

# Detailed Instructions - READ ALL

\*Example:

1



Component #1



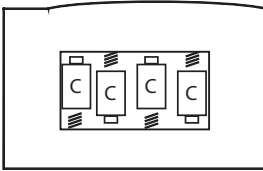
Component #2



Component #3

- Place components in desired order for programming.
- Ensure pads are placed on a hard surface with transmitters on and motion sensors are turned off.

2



- Insert 4-C Batteries and plug in provided AC adapter
- Make sure batteries are new and in good working order

3



Call / Alarm Switch

Lock Switch

- Put CMU into the UNLOCK position.
- Select Alert type. (CALL or ALARM)
- CALL will audibly say number & ALARM will make a siren sound.

4



Program Components

- Press and hold the PROGRAM COMPONENTS button until you hear 2 dings and a melodic confirmation tone; then release button.
- You are now ready to program in your components. Go to step 5.

**Continue to next page.....**

# Detailed Instructions Continued - READ A

## 5 Program your components: (Choose which apply) Once you have finished programming all desired components move to step 6.



### TL-2020 Wireless Economy Fall Prevention Monitor

- Press and release Call button twice
- The Central Monitor will display and speak the number the wireless monitor has been programmed to.
- Wait for the melodic confirmation tone.
- Move to next desired component or Step 6 if finished programming



### 433-NC Nurse Call Button

- Press nurse call button and release.
- The Central Monitor will display and speak the number the Call Button has been programmed to.
- Wait for the melodic confirmation tone.
- Move to next desired component or Step 6 if finished programming



### 433-TB Touch Call Button

- Gently Hold finger on Touch Button until red light on the button turns on.
- The Central Monitor will display and speak the number the Call Button has been programmed to.
- Wait for the melodic confirmation tone.
- Move to next desired component or Step 6 if finished programming



### CordLess Bed & Chair Sensor Pads

- Press on Bed / Chair Pad and release.
- The CMU will numerically display and audibly speak the number that the sensor pad has been programmed to.
- Wait for the melodic confirmation tone.
- Move to next desired component or Step 6 if finished programming



### CordLess Weight-Sensing Floor Mat

- Turn on transmitter in corner pocket and step on Floor Mat
- The CMU will numerically display and audibly speak the number that the sensor mat has been programmed to.
- Wait for the melodic confirmation tone.
- Move to next desired component or Step 6 if finished programming





### 433-MS Motion Sensor

- Turn switch to "ON" and wave hand in front of motion sensor until CMU activates. This could take 10-15 seconds.
- The CMU will numerically display and audibly speak the number that the motion sensor has been programmed to.
- Turn motion sensor off.
- Wait for the melodic confirmation tone.
- Move to next desired component or step 6 if finished programming



### 433-EXT Window / Door Exit Alarm

- Touch the 2 parts of the sensor together and then separate them.
- The CMU will numerically display and audibly speak the number that the sensor has been programmed to.
- Wait for the melodic confirmation tone.
- Place sensor back together
- Move to next desired component or Step 6 if finished programming



### 433-NCA Nurse Call Adapter

- Insert adapter into the 1/4" nurse call port on the monitor.
- Activate the monitor you are using.
- The CMU will numerically display and audibly speak the number that the adapter has been programmed to.
- Wait for the melodic confirmation tone.
- Reset the monitor with the 433-NCA plugged in.
- Move to next desired component or Step 6 if finished programming



### 433-RB Caregiver Reset Button

- Press button and release.
- You will only hear a melodic confirmation tone. This means it is programmed.
- The component does not program to a specific number.
- Move to next desired component or Step 6 if finished programming



### 433-PRB Caregiver Pager w/ Reset Button

- Press and release reset button on pager.
- You will only hear a melodic confirmation tone. This means it is programmed.
- Move to next desired component or Step 6 if finished programming

\*Pager will automatically receive signal from CMU without programming. Only reset function needs programming.

# Resetting Your CMU

## 6 Final Step

- When you have programmed all of your components, put the CMU into the LOCK position with the switch on the right side of the monitor.
- Press and release the RESET button on the front of the CMU and then test your components.



### To Reset The CMU:

Press the reset button on the front of the CMU

Reset Button



### To Reset The CMU Using Reset Button:

Press and release center of button to reset your CMU from a remote location



### To Reset The CMU Using A Caregiver Pager With Reset Button:

Press and release Reset Button located on the front of the pager

**\*MUST BE PROGRAMMED TO THE CMU**

# Adding Additional Components

## To Add Additional Components to your CMU:

### *Read Directions Before Programming*

**\*MAKE SURE THAT NO COMPONENTS ARE BEING ACTIVATED WHEN YOU ARE TRYING TO ADD ADDITIONAL COMPONENTS TO THE CMU.**

1. Place new components in the order that you would like to program them. Pads will need to be on a hard flat surface and turned on in order to program correctly.
2. Put the CMU into the UNLOCK position.
3. Press and hold the ADD / REPLACE NEW COMPONENT button for 2 dings and a melodic confirmation tone then release.
4. Press the PROGRAM COMPONENTS button once and release.
5. Wait for melodic confirmation tone.
6. Flashing number on screen is the last number that a component is currently programmed to.
7. Activate First Component:
  - **Bed or Chair Sensor Pad** - apply pressure and release after 2-3 seconds.
  - **Nurse Call Button** - push button and then release (Red light on button will illuminate).
  - **Motion Sensor** - turn switch on and wave hand in front of sensor (This could take 10-15 seconds) then turn off when CMU calls number.
  - **Pager with Reset Button** - press and release reset button.
  - **Floor Mat** - turn on floor mat transmitter and step on floor mat until CMU alerts.
8. Wait for melodic confirmation tone
9. Put CMU into LOCK position
10. Press and release RESET button on the CMU
11. Test component(s)

# Replacing Existing Components

## To Replace An Existing Component :

### *Read Directions Before Programming*

**\*MAKE SURE THAT NO COMPONENTS ARE BEING ACTIVATED WHEN YOU ARE TRYING TO REPLACE COMPONENTS TO THE CMU.**

**\*You will have to move quickly and press / activate your component as soon as you hear the corresponding number that you are trying to program or it will not program correctly.**

1. Put the CMU into the UNLOCK position.
2. Press and hold the ADD / REPLACE NEW COMPONENT button until you hear 2 dings and a melodic confirmation tone and release button.
3. Repeatedly press and release CALL REVIEW button until desired number is stated and shows on the screen.
4. Activate component (CMU will repeat the number when accepted). See #7 above for component instructions.
5. Put the CMU into the LOCK position
6. Press RESET button on the CMU
7. Test component(s)

***If you have completed the steps above and need additional help, please feel free to contact us and our world-class customer service team will be happy to help. Call 800-650-3637.***

# Mounting The Monitor

1. Slide mounting bracket off the bottom of the monitor
2. Mount bracket to the wall.
3. Slide hooks on back of CMU onto the mounting bracket



# Clearing The Monitor

## To Clear The Monitor:

**\*\*THIS WILL REMOVE ALL PROGRAMMED COMPONENTS\*\***

Move the switch on the side of the monitor to the UNLOCK position.

1. Hold down the PROGRAM COMPONENTS button and the RESET button simultaneously until you hear a melodic tone.
2. When you release button, there should be multiple numbers scrolling across the screen. This means the Central Monitor has nothing programmed. Go to Page 6 Setup Instructions - Programming

# Troubleshooting

## Programming:

### Are there flashing / scrolling numbers on the screen?

- If there are numbers flashing / scrolling across the Central Monitor screen, there is no programming and the monitor is empty. Monitor needs to be programmed. Go to Page 6 Setup - Programming

### Is there a component that is not programming to the Central Monitor?

- If the component is a call button, motion sensor or caregiver pager, check the frequency. There should be a sticker on the product that says "QC passed 433" or an item code starting with "433". If the item code has a different number it is not the correct frequency. An item with the correct frequency will be needed to program.
- If the component is a bed pad, chair pad, or floor mat make sure the transmitter is turned on and status light on the transmitter blinks before programming.
- Make sure components with replaceable batteries have fresh batteries.
- Check the pad life of the bed or chair pad. If the pad life has expired the pad needs to be replaced.
- If the floor mat has a transmitter that is over 1 year old, the transmitter will need to be replaced. Item code TM-FM will need to be ordered.

## Range:

- The range between the 433-CMU and components is 150-300 feet. However, environmental factors such as concrete or brick walls and heavy electronic equipment may affect range.

## Alarm Tones:

### Is the Central Monitor sounding a siren alarm?

- On the right side of the Central Monitor, switch the monitor from the "ALARM" position to the "CALL" position. The Central Monitor will no longer make a siren alarm tone.

### Do you want the Central Monitor to be silent?

If the 433-PGD or 433-PRB Caregiver Pager is being used, a CMU Silencer Pin can be used to silence the alarm tone of the Central Monitor. The pin plugs into the side of the Central Monitor. When this pin is used the number will flash on the screen but there will be no audible alarm. Please contact our customer service for this item.

***If you have completed the steps above and need additional help, please feel free to contact us and our world-class customer service team will be happy to help. Call 800-650-3637.***

# Warning

**IMPORTANT INFORMATION:** Cordless and Wireless Systems rely on wireless technology which is subject to physical and environmental considerations. Please be aware that the transmitter will not be 100% accurate if it is out of range at any time. It is the end-user's responsibility to make sure that the product is used correctly and within range of each other. Cordless and wireless systems and devices are intended as an adjunct to good caregiving practices and are not a substitute for proper staffing and patient management practices. We recommend that all caregivers receive periodic training in the operation of these systems and that the devices are tested daily. It is important to read and follow the directions.

## **Read the instructions and Legal Disclaimer.**

The Smart Caregiver Corporation devices are designed to be installed by the end user. As such, it is the entire responsibility of the buyer to insure that the system is properly installed and tested. Further, the system is not designed to replace good caregiving practices including, but not limited to:

**A.) Direct patient supervision**

**B.) Adequate training for staff personnel for fall prevention and elopement**

**C.) Testing of the system before each use**

**WARNING:** The manufacturer does not claim that this device will stop elopement and/or stop falls. This device is designed to augment caregivers' comprehensive resident mobility management program. Failure to comply with the warning may result in injury or death. This device is not suitable for all individuals. Other devices may be required. This device is not a substitute for visual monitoring by a caregiver.

Where permissible, it is the seller's intent to limit any liability for special, consequential or incidental economic damages to refund of the purchase price or replacement of the goods. Seller disclaims any liability for compensatory or other damages arising out of the use of the goods.

**Limited Warranty:** Seller warrants that the goods sold will be free from defects of workmanship and manufacturing, for a warranty period from the date of sale. Other than this limited warranty, seller makes no express or implied warranties. Except for this limited warranty, no express or implied warranties are given and no affirmation of seller, by words or action will constitute a warranty. The goods being purchased are being sold on a "with all faults" basis. The entire risk as to the quality and performance of the goods is with the buyer. Should the goods prove defective following their purchase, the buyer, and not the manufacturer, distributor or retailer, assumes the entire cost of all necessary installation, servicing or repairs.

# CMU Legend

#	Resident Name
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**Call Today**  
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We take pride in our outstanding customer service. At Smart Caregiver Corporation we strive to keep our customers 100% satisfied.

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**[www.smartcaregiver.com](http://www.smartcaregiver.com)**

### **Notes**

- Low power affects performance. Refer to the features section inside the manual to locate the symbol indicating that battery is low. Replace batteries when this symbol appears on the Central Monitor. We recommend using the provided AC Adapter (AC-04) and batteries as backup.
- There is no ON/OFF switch for the Central Monitor. If you choose not to use the AC-04 AC adapter to power the Central Monitor and depend on batteries, it is recommended that you remove batteries when the Central Monitor is not in use. Complete loss of power does not effect programming of the Central Monitor and components will not need to be re-programmed. To avoid outside interference while programming the central monitor, only program one component at a time. For example, do not press a call button or separate an exit alarm while attempting to program in a bed sensor pad.
- To ensure optimal wireless performance and reduce electrical interference, do not place the Central Monitor close to metal objects or other electronic devices.
- Do not expose the Central Monitor to heat or direct sunlight.
- Avoid dampness and water.