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# Informer Plus™ Silver

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# System User Guide

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Model 81830

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**800-206-1045**

0163-358-B

FCC ID: HCQ 3B6UMXF Canada: 2309 101 597

This device 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.

Changes or modifications not expressly approved by the party responsible for FCC compliance could void the user's authority to operate the equipment.

For Canadian customers: "This digital apparatus does not exceed the class A limit for radio noise emissions from digital apparatus as set out in the interference causing equipment standard entitled "Digital Apparatus" "ICES-003 of Industry Canada".

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## **WARNING**

Read and follow these installation instructions thoroughly before using the Informer Plus™ Silver system. Failure to do so may result in injury or death to a person in your care.

Test the Informer Plus Silver control unit and sensor pad before each use and inspect the cords and sensor pads for signs of damage. Replace any components with signs of wear or damage immediately.

The Informer Plus Silver system is only one part of your facility's fall management program. Informer Plus monitors are not a substitute for proper nursing care or routine visual monitoring by caregivers. The effectiveness of the Informer Plus Silver system relies entirely on an immediate response by the caregiver to the Informer Plus Silver system alarm.

The Informer Plus Silver system will not stop a person from leaving a bed or chair. It is intended only to alert a caregiver that a patient or resident may need assistance. Restraints may be required for some people.

The Informer Plus Silver system can be defeated by a cognitively aware person, a person with only a few moments of lucidity, or an uncooperative person. Properly assess each individual before the Informer Plus Silver system is used.

Resident weight may affect proper operation. Models 82700, 82708, 82710, 82715, 83700 and 83705 pressure pads are not recommended for persons weighing less than 60 lbs. Model 82720 below mattress bed pad is not recommended for persons weighing less than 100 lbs.

Keep the sensor pad flat at all times. Folding the pad may damage it. Do not use the pad if it has been folded.

Do not immerse the sensor pads in liquids. The pad will not operate properly if the sensor pad is exposed to excessive liquids. If the pad is immersed in liquid, discard it immediately.

Do not turn the volume down completely (all the way to the left) when the Informer Plus Silver control unit is not connected to a nurse call system. The alarm will not be heard when the unit is activated, thereby allowing a call to go unanswered.

**▲ WARNING**

When putting your sensor pads into position, keep the pad face up. Failure to do so may result in reduced sensitivity and improper operation of your Informer Plus Silver system.

Sensor pads were designed to withstand normal wear and tear for a period of one year, 90-days, or 7-days depending on model used. Beyond the specified usage period the pad is more likely to fail and fail without warning due to prolonged use and other factors, e.g. bending, exposure to moisture, punctures, repeated cord pulls, connector damage, etc. Do not rely solely on the stated life of the pad. Test the pads before each use.

The dummy plug must be in place in the receptacle labeled “Cord” if the nurse call cord is not plugged into the back of the Informer Plus Silver. Either the call cord or the dummy plug must be in place or the nurse call system will be in continuous alarm.

**▲ CAUTION**

Use care when connecting the Informer Plus™ Silver control unit and sensor pads. Gently remove or connect cords. Pulling on cords may damage them and/or result in system failure.

## What is the Informer Plus™ Silver system ?

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The Informer Plus Silver system is a bed exit system designed to indicate, by alarm or signal, when someone attempts to leave the bed.

The Informer Plus Silver system consists of a control unit that is mounted on the bed and a pressure sensitive bed sensor pad that is placed across the width of the bed under the mattress or just beneath the sheets and overlays. The control unit is powered by means of a plug-in type power supply and an alarm cord is used to interface the control unit with the nurse call system.

When a patient begins to exit the bed, pressure is released from the sensor pad. This will cause an alarm in the patient room and on the nurse call system. A patient exit "Time Delay" is also incorporated to eliminate false alarms that may occur from patient movement in bed.

The Informer Plus Silver system with the dual alarm function provides staff with a special high priority type of patient alarm. Roving staff can quickly identify and respond to the risk patient by audible tone and corresponding nurse call corridor dome light. Should the patient call be answered at the nurse station, staff will immediately hear the in-room alarm and can encourage the patient to wait for assistance.

The Informer Plus Silver system also includes an automatic reset feature. If the patient returns to the pad during an alarm, the alarm stops and the system resumes normal monitoring.

## Bed Status, Alarm and Standby Indicators

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The green "IN" light turns on when a patient's weight is on the bed sensor. The amber "OUT" turns on when the patient's weight is off the sensor pad. The "ALARM" light flashes when a patient has activated an alarm. The red "STANDBY" light turns off when the system begins monitoring.

## Power Indication & Interruption

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Power to the control unit is indicated by either the "IN" or "OUT" bed status lights. One of these MUST be on when there is power to the control unit. When there is no power to the control unit, the control unit will automatically signal the nurse call system.

## 'Dummy' plug

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The Informer Plus is shipped with a dummy plug installed in the back of the control unit in the receptacle labeled "Nurse Station". The dummy plug must be in place in the receptacle if the call cord is not plugged into the back of the control unit. Either the call cord or the dummy plug must be in place or the nurse call system will be in continuous alarm.

## Volume control

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### **WARNING**

**Make sure the control unit is connected to the nurse call system if you intend to turn the volume level down completely; otherwise the alarm will not be heard. Failure to operate the unit properly could cause injury to or the death of a resident in your care.**

Control the volume level of the control unit by turning the volume control adjustment to the right to increase the volume and turning it to the left to decrease the volume. The volume adjustment is located on the back of the control unit.

This adjustment controls the volume level that is heard from the Informer Plus Silver control unit. If the adjustment is turned completely to the left the alarm will not be heard at the resident's bedside.

# INFORMER PLUS SILVER control unit

## FRONT PANEL VIEW

Places unit in “Standby” mode. Push to remove patient from bed or to reset alarm. “Standby” will automatically cancel when a patient returns to the sensor pad or remains on the sensor pad for more than 10 seconds

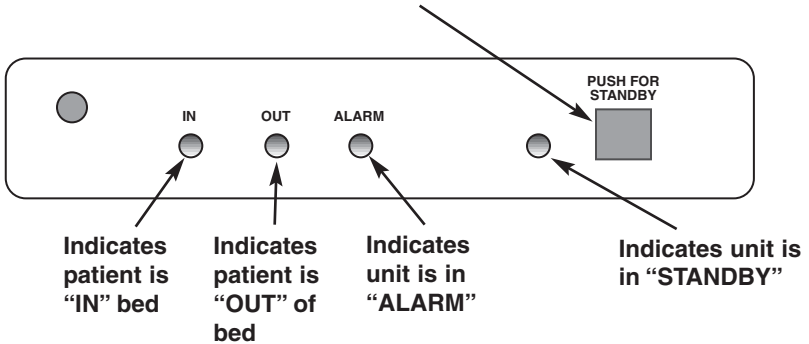


Figure 1

## REAR PANEL VIEW

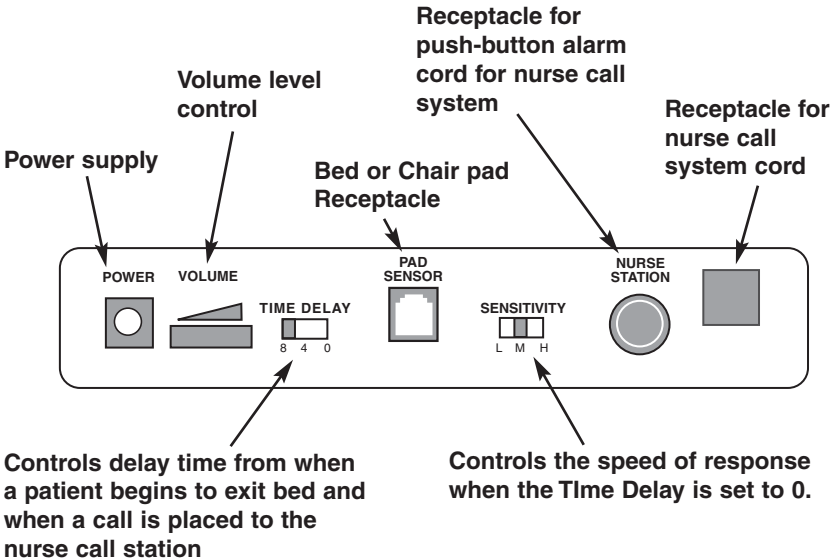


Figure 2

## Operation

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### Alarm “Time Delay”

The alarm “Time Delay” feature allows staff to adjust the amount of time from when a patient begins to exit the bed, to when an alarm is sounded and a call is placed on the nurse call system. This control helps to eliminate false alarms due to patient movement while in bed. A four or eight second delay may be selected for an active patient. When a zero delay time is selected, response time is set by the sensitivity.

### Sensitivity

If the time delay is set to 0 (zero), sensitivity can be adjusted to alarm either immediately (H), after 1/2 second (M), or after one second (L).

### Alarms

A patient exiting the bed beyond the present delay time will: sound the in-room alarm, flash the alarm indicator, and place a call on the nurse call system. To reset the alarm push “Standby” on the control unit or return the patient to bed. The nurse call system may only be reset after the control unit is in “Standby” mode or after the patient returns to bed.

### Patient Entering Bed

The control unit allows 10 seconds for a patient to enter the bed before monitoring begins.

### Removing Patient from Bed

Pushing “Standby” on the control unit allows 10 seconds to remove the patient from the bed before an alarm is indicated. Should the patient not be removed within the 10 second period, the control unit will automatically resume patient monitoring.

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## **Volume Control Override**

If the volume level is turned down completely and the control unit goes into alarm, the control unit will sound at full volume after an approximate 7-minute delay. The volume can't be turned down and both the alarm and standby lights will flash. Normal operation will resume if the patient returns to bed or the standby button is pressed.

# Installation for on top of mattress use

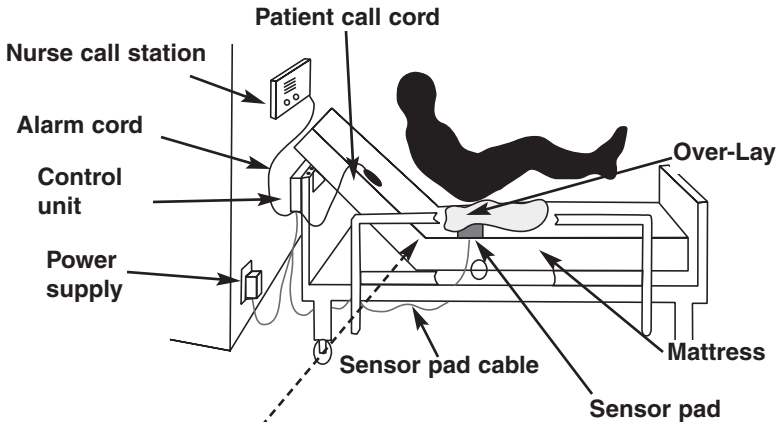


Figure 3

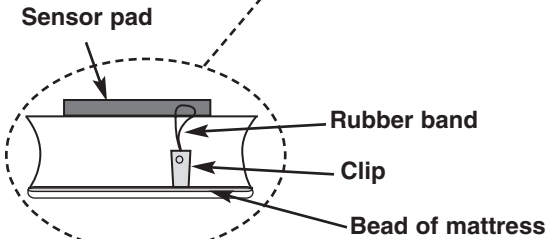


Figure 4

## ⚠ WARNING

Keep the sensor pad flat at all times. Folding the pad may damage it. Do not use the pad if it has been folded.

1. Place the sensor pad across the width of the bed and under any sheets, overlays, or incontinence pads (**Figure 3**). Placement needs to be under the patient's or resident's buttocks area. If early detection is necessary, place the sensor pad behind the patient's or resident's back.
2. Using the band and clip package provided with the sensor pad, fasten the sensor pad to the mattress (**Figure 4**). Make sure the sensor pad is face up, is fastened securely, and lays flat against the mattress.

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3. Route the sensor pad cable to the control unit, being careful not to interfere with handrails or moving parts of the bed.
  4. Mount the control unit to the back of the headboard. See *“Installation of Control Unit”* on page 12.
  5. Plug the power supply into the wall outlet.
  6. Remove the patient call cord from the nurse call system and insert it into the receptacle for the nurse call system cord on the back of the control unit. See *“Rear Panel View”* on page 5.
  7. Insert the cord from the control unit into the nurse call system.
  8. Insert the pad sensor cable into the receptacle labeled “Pad Sensor”.
  9. Refer to page 7 for setting the sensitivity of the control unit.

## Installation for under mattress use

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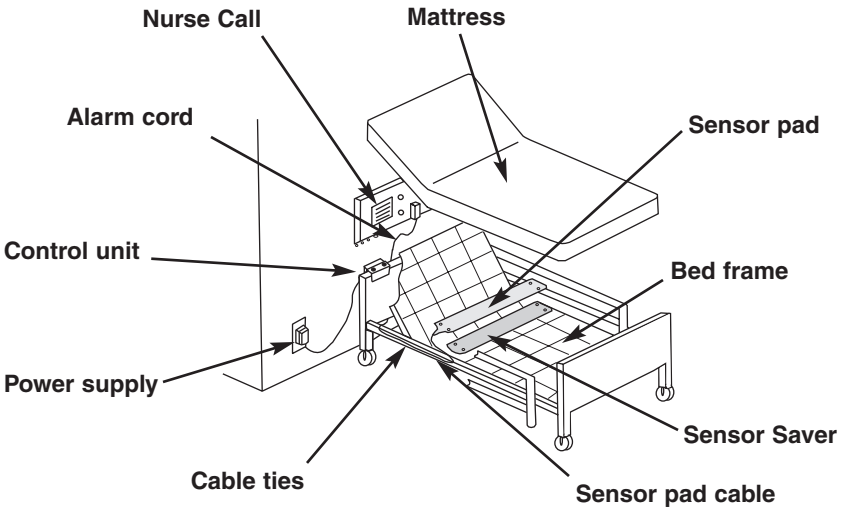


Figure 5

### **⚠ WARNING**

Keep the sensor pad flat at all times. Folding the pad may damage it. Do not use the pad if it has been folded.

1. If using a sensor saver with sensor pad, place the sensor saver about 1 inch from the pivot point that allows for the raising or lowering of the bed. (0141-230 Sensor Saver is recommended when installing a mattress on a spring bed).

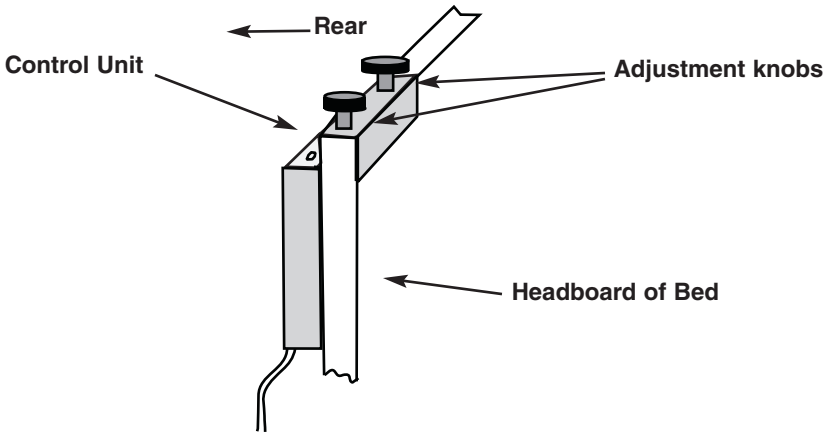
When using a Model # 82720 1-Year Under-the-Mattress Pad, a sensor saver is not needed. The sensor saver is built into the bed pad.

2. Place the sensor pad on top of the sensor saver and align the holes. Using cable ties, thread through both the sensor pad and sensor saver and attach to the bed frame.
3. Fasten the sensor cable to the frame of the bed using cable ties. Make sure the cable does not interfere with handrails or other moving parts of the bed.

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4. Mount the control unit to the back of the headboard. See *“Installation of Control Unit”* on page 12.
  5. Plug the power supply into the wall outlet.
  6. Remove the patient call cord from the nurse call system and insert it into the receptacle for the nurse call system cord on the back of the control unit. See *“Rear Panel View”* on page 5.
  7. Insert the cord from the control unit into the nurse call system.
  8. Insert the pad sensor cable into the receptacle labeled “Pad Sensor”.
  9. Refer to page 7 for setting the sensitivity of the control unit.

# Installation of Control Unit

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1. Loosen adjustment knobs and place on headboard as shown above.
2. Squeeze bracket and mounting clamp together with hand pressure and tighten the adjustment knobs.

Note: The mounting clamp may be adjusted for a wider headboard by removing the adjustment knobs and rotating the clamp and reinstalling it using the other two holes on the clamp.

## Optional Installation Method

- Using Dual Lock® fastener where thin strips of interlocking material are applied to the control unit and the headboard allowing the unit to ‘snap’ into place.

Contact Micro-Tech at 800-206-1045 to order Dual Lock® fastener.

## Optional Built-In Nurse Call Adapters

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The Informer Plus™ is supplied with a 1/4" receptacle to accept a common 1/4" patient call cord.

## Other External Adapters Available

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External adapters are available for nurse call systems by:

Altec	Ektocom	Rauland
Auth	Executone	Setco
Couch	Faraday	Sylvania
Curbell	Hill-Rom	Simplex
Crest	Jeron	Tektone
Dukane	Intercall	Wecom
Edwards	Picker-Briggs	

Contact Micro-Tech at 800-206-1045 for assistance.

## Maintenance

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### **WARNING**

**Test your Informer Plus control unit and sensor pad before each use and inspect the cords and sensor pads for signs of damage. Replace any components with signs of wear or damage immediately.**

- Clean the Informer Plus™ system with normal non-caustic cleaning agents.
- Test your Informer Plus system before each use and inspect each component for signs of damage. Replace any components with signs of wear or damage immediately. Never use equipment that has been damaged.
- Never immerse the control unit or sensor in any fluid.

Manufactured by  
Senior Technologies, a division of Stanley Security Solutions, Inc.  
Lincoln, NE 68503 USA

## **Warranty:**

Micro-Tech products are warranted by Micro-Tech to be free of manufacturing defects for a period of one year from the date of purchase. If any defects covered by this Warranty appear within the above stated one year period, Micro-Tech will, at its option, repair or replace the defective component on an exchange basis with new or rebuilt parts at its expense, without charge for parts or labor. Micro-Tech is not responsible for warranty service should the Micro-Tech label or logo or the serial number be removed or should the Micro-Tech product fail to be properly maintained or fail to function properly as a result of misuse, abuse, neglect, improper shipping or installation, incorrect wiring not our own, damage caused by disasters, such as fire, flood, and lightning, damage caused by faulty or leaking batteries not supplied by Micro-Tech, service other than Micro-Tech or units in use in violation of instructions furnished by Micro-Tech. Postage, insurance, or shipping costs incurred in presenting your Micro-Tech product for warranty service are your responsibility.

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