

KeepSafe® Essential

Instruction Manual

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The Posey KeepSafe Essential is an important part of your falls management protocols.

Ensure all parts of this system are operational before leaving a patient/resident unattended.



8373, 8373NP

Before using the Posey KeepSafe Essential, read this entire manual and save for future reference.



Contents

Before You Begin	3-4
Features	5-7
Contents	8
Options	9
Preparing the KeepSafe Essential for Use	10-11
Storing Your KeepSafe Essential	12-13
Setting Alarm Mode	14
Setting Alarm Tone	15
Adjusting Alarm Volume	16
The SUSPEND Button	17
Connecting to AC Power (Optional)	18
Mounting the KeepSafe Essential	19-26
Monitoring in Cord and Magnet Mode	27-28
Connecting Magnet Cord to Patient/Resident	29-30
Patients/Residents with Pacemakers or Defibrillators	30
The KeepSafe Essential and Use of Physical Restraints	31
Warnings and Cautions	32-34
Alarm Cleaning and Storage	35
Battery Maintenance	36
Troubleshooting Guide	37
Product Specifications	38
Limited Lifetime Warranty	39
Repair Service	39

Before You Begin

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The Posey KeepSafe Essential is an easy to use, restraint free addition to your falls management program. The KeepSafe Essential provides an early warning when a patient/resident attempts to rise from a bed, chair or toilet. This system does not prevent falls or injury from falls and is not a substitute for patient/resident care, rounding and a comprehensive falls management protocol in your facility.

The KeepSafe Essential consists of an alarm with an adjustable cord and magnet and activates as the patient/resident attempts to rise and disconnects the magnet.

Indications for Use

Persons who may benefit from the use of the Posey KeepSafe Essential include:

- Patients/residents with diminished cognitive or mobility skills. For example, the frail, disabled, or those with neurologic deficits.
- Patients/residents receiving medications that may cause disorientation, drowsiness, dizziness, or frequent urination.
- Patients/residents (new or existing) with a history of falls, or who are assessed to be at risk of falling based on your selected fall-risk assessment.
- Patients/residents who are restless or prone to get up in the middle of the night, e.g., due to incontinence, or with nighttime voiding habits.
- Patients/residents who require mandatory bed rest.

Contraindications

NOTE: The KeepSafe Essential may not be suitable for all high fall-risk patients/residents. See Posey catalog for other options for such patients/residents.

The KeepSafe Essential should **NEVER** be used as the only means of surveillance for:

- Agitated, combative or suicidal patients/residents.
- Patients/residents at extreme risk of a life-threatening fall (ex. patients/residents with bone injuries or previous hip fractures).

For these patients/residents, Posey recommends use of the KeepSafe Essential along with a more intensive falls management measure. See Posey catalog for options such as floor mats, and/or hip protectors among other fall management products.

Response Policy

Make sure your facility has a clearly defined policy for response to falls management and fall alarms. This may include contacting the patient/resident over the nurse call intercom system and telling them to return to their bed or chair and waiting for assistance, and/or sending staff immediately to the patient's/resident's location for assistance. Be sure to place a flag or notification device on the patient's/resident's door, in their room, and next to the respective patient's/resident's room light at the nurse's station to identify high fall-risk patients/residents and alert staff to respond quickly to fall alarm situations.

Facility falls management policy should address the frequency of visits by nursing staff to:

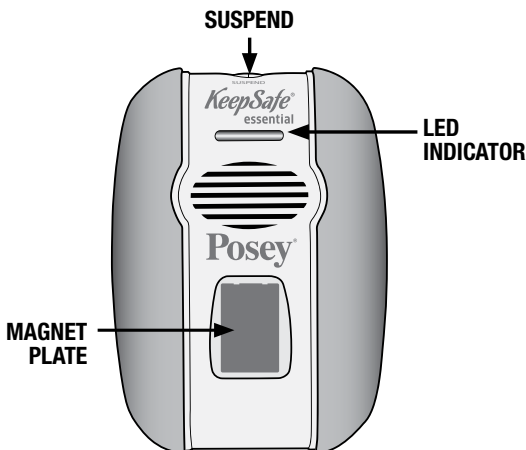
- Confirm patient/resident is safe.
- Attend to patient/resident needs for nutrition, toileting, exercise, and therapy.
- Check alarm function **every time** before leaving patient/resident unattended.

If the alarm does not function properly, remove the alarm from service and replace it with a properly functioning alarm. **DO NOT** use the alarm or magnet if it does not activate each time magnet is removed from face plate.

Features of the KeepSafe Essential

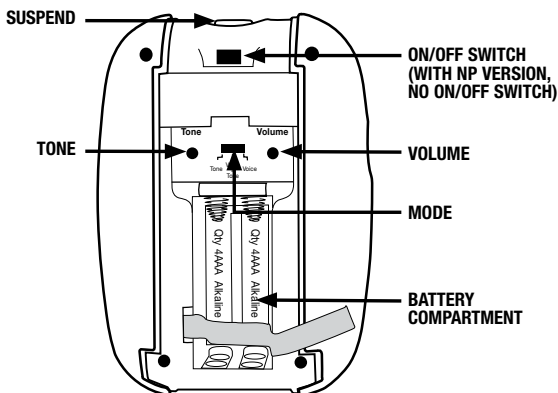
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FRONT VIEW

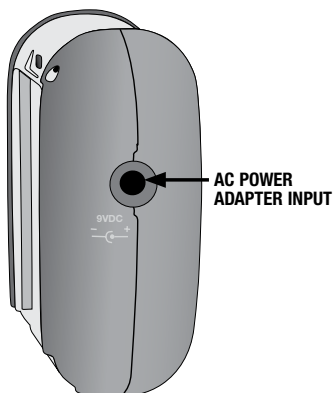


FEATURES

REAR VIEW (Open Battery Door)



LEFT SIDE VIEW



Features of the KeepSafe Essential (Cont.)

- **Five alarm tones.** There are five different alarm tone options which can be used in different patient/resident rooms, or to discern between different caregivers or levels of fall risk for easy patient/resident identification.
- **Three alarm modes.** Three alarm modes allow for facility or alarm choices regarding caregiver notification in the event the alarm is triggered. The alarm modes are “Voice and Tone,” “Tone Only” and “Voice Only.”
- **High and low volume settings.** Two alarm volume settings allow for facility or alarm choices regarding caregiver notification in the event the alarm is triggered. The volume options are low and high.
- **SUSPEND button.** Silences the alarm until the magnet is replaced on the magnet plate. Alarm will resume monitoring when you place the magnet back on the face plate.
- **Cord and magnet monitoring.** Alarm activates when magnet is removed. Magnet pull cord adjusts to range of mobility and “safety zone” best suited for each patient/resident.
- **Battery operated.** The alarm uses four (4) “AAA” alkaline batteries.
- **Audible low battery warning.** Alarm “chirps” about every 15 seconds when batteries need changing. This sound is different than any of the alarm tones and easily alerts caregivers of the need to change batteries.
- **DC jack.** For AC connection.
- **AC adapter.** The KeepSafe Essential 8373AC enables users to operate on AC electrical power. (To obtain the AC adapter with the 8373 alarm, order the 8373AC).
- **Impact resistant cover.** Helps minimize damage if dropped.

NOTE: Cat. 8373NP (No Power Model) does NOT have an ON/OFF switch. This is to prevent patients/residents or caregivers from turning off the alarm. The only way to turn off this model is to remove the batteries.

Each KeepSafe Essential is shipped to you with:

- Alarm (1)
- Magnet with adjustable length cord and locking clip (1)
- “AAA” Alkaline Batteries (4)

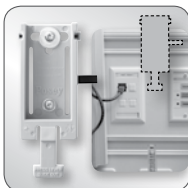


NOTE: If you require the ability to run on AC power, order 8373AC or 8373NPAC

Customer may order the following bracket systems:



8208G GCX Alarm Mounting Bracket Assembly –
vertical wall mounts



8208H Modular Services Alarm Mounting Bracket –
horizontal wall mounts



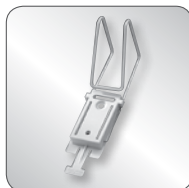
8208CS Command™ Strip* Alarm Mounting System –
wall mounting



8269 Attachment Bracket with BioThane® strap –
bed and wheelchair mounting



8289 Wheelchair Bracket – mounting on
back of wheelchair



8276 Wire Bracket –
headboard or footboard bed
mounting, or chair mounting



8278N Narrow Saddle Bracket – wheelchair mounting



8208 Wall Bracket – wall mounting



8288 Alarm Bracket –
IV pole

*3M and Command™ are the worldwide trademarks or registered trademarks of 3M.

Preparing the KeepSafe Essential for Use

Battery Installation:

The battery-operated KeepSafe Essential is portable and long lasting. Fresh alkaline batteries have an estimated life of *30 days of daily use*. Actual life depends on alarm mode, tone and volume you select.

Alarm will “chirp” about every 15 seconds when new batteries are needed. Change batteries at once.

1. If your alarm does NOT have an ON/OFF switch (Cat. 8373NP), connect a magnet before inserting the batteries. If your alarm DOES have an ON/OFF switch (Cat. 8373), slide the power switch to the OFF position before inserting/changing batteries.
2. Press down on the arrow and slide the battery compartment door completely off (Fig. 1). Set battery door aside.
3. Drape the red ribbon across the battery compartment and insert four (4) new “AAA” batteries as pictured inside the battery compartment (Fig. 2). Take care not to damage battery contacts. Batteries should be inserted on top of red ribbon and the loose end of the ribbon should stick out the other end for easy battery removal (Fig. 3).
4. Lay the loose end of the red ribbon on top of the batteries and reattach the battery compartment door. Slide it shut, locking it into place.



Fig. 1



Fig. 2



Fig. 3

Preparing the KeepSafe Essential for Use (Cont.)

⚠ WARNING

- Take care when installing new batteries. The alarm will not work if batteries are installed improperly.
- **ALWAYS** install a completely new set of batteries when the chirping due to low battery power sound begins. **DO NOT** replace a single cell, but all cells in the alarm. **DO NOT** mix old and new batteries, or battery brands within a battery pack (4 batteries). Use of mixed batteries or batteries installed incorrectly may cause battery damage, and may damage the alarm. Remove any alarm from use and send to the appropriate facility authority if batteries are damaged or corroded or the battery compartment has signs of previous battery corrosion such as white powder residue.
- Batteries can explode or leak and cause damage to alarm if installed incorrectly, fully discharged, or exposed to liquid, fire or high temperatures. If battery damage has occurred, or you see any corrosion, remove the alarm from use **IMMEDIATELY**. **DO NOT** use the alarm if battery damage has been detected.
- After changing batteries, test the alarm and magnet for proper operation prior to putting in service with a patient/resident, and each time before leaving the patient/resident unattended. If the alarm and/or magnet do not function properly, remove the alarm and magnet from service and replace them with a properly functioning alarm.

Storing Your KeepSafe Essential

If you are storing the KeepSafe Essential for an extended period of time, you should turn the alarm off and remove the batteries. Batteries start to corrode after an extended period of time (just like a flashlight). Corroded batteries will damage the alarm and may cause it not to function, or to function intermittently.

⚠ WARNING ALWAYS close the battery door during storage to prevent damage.

Store the alarm in a secure place so it will not be dropped or damaged. DO NOT use if; battery door is missing; battery door is damaged; alarm case is damaged; or alarm case is cracked.

⚠ WARNING Battery Leakage. If there is ANY evidence of battery leakage, remove the alarm from use and notify the appropriate facility authority. The alarm should be disposed of according to your facility disposal requirements. DO NOT use the alarm and DO NOT attempt to clean it if there are any signs of battery leakage such as corrosion, rust or white powder residue.

Storing Your KeepSafe Essential (Cont.)

⚠ WARNING DO NOT allow batteries to deplete while in the alarm. Change batteries immediately when hearing the low battery “chirp.” Depleted batteries may leak and corrode, causing damage to the electronics and reliability. When storing the alarm with power “on”, check the alarm every week to make sure the batteries are still operable and the alarm is still on. If the alarm low battery alert is chirping, or the alarm does not power up, the batteries are depleted and must be removed. DO NOT leave depleted (“dead”) batteries in the alarm to avoid corrosion.

Remove batteries when storing the alarm for an extended period to prevent depleting the batteries and potential corrosion.

⚠ WARNING The Posey KeepSafe Essential is an electronic device. It may fail to work if subjected to severe shock, such as being dropped, or immersed in liquid. To reduce the risk of serious injury or death, test the alarm for proper operation prior to putting in service with a patient/resident, and each time before leaving the patient/resident unattended. If the alarm does not function properly, remove the alarm from service and replace it with a properly functioning alarm. DO NOT use the alarm or magnet if it does not activate each time magnet is removed from face plate.

Setting Alarm Mode

The KeepSafe Essential has three (3) alarm modes. These allow you to select an alarm signal best suited to patient/resident and facility needs.

Mode Features

VOICE & TONE	Pre-recorded voice message plays once, followed by the selected alarm tone. The tone continues to play until alarm is placed on suspend or patient/resident is repositioned with the magnet on the faceplate.
TONE	Selected alarm tone plays until alarm is placed on suspend or patient/resident is repositioned with the magnet on the faceplate.
VOICE ONLY	Pre-recorded voice message plays until alarm is placed on suspend or patient/resident is repositioned with the magnet on the faceplate.

To Change/Select Mode:

1. Ensure alarm is on and magnet is on face plate.
2. Remove the battery compartment door by sliding down to gain access to the programming buttons.
3. Slide the MODE Select Switch to the desired alarm mode (Fig. 4).

The last option selected is the mode utilized when the magnet is removed from the face plate.

4. Replace the battery door and slide shut, locking into place.

NOTE: Cat. 8373NP does NOT have an ON/OFF switch. To set Alarm Mode for Cat. 8373NP, follow all steps above except step 1.

THE PRE-RECORDED VOICE MESSAGE IS:

"Please don't get up. Sit back down and use the call button to call for help."

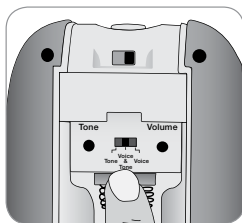


Fig. 4

Setting Alarm Tone

The KeepSafe Essential has five (5) available tones. This allows you to differentiate between patients/residents and other equipment alarms.

To Select Tone:

1. Ensure alarm is on and magnet is on face plate.
2. Remove the battery compartment door by sliding down to gain access to the programming buttons.
3. Press TONE button (Fig. 5) to scroll through the tone selections.
4. Alarm mode must be set to either "Voice and Tone" or "Tone" in order to hear the selection.
5. Each time you press the button, tone will change and a two (2) second sample plays. The last sample heard is the tone utilized for the alarm when the magnet is removed from the face plate, depending on which monitoring mode is selected.
6. Replace the battery door and slide shut, locking into place.

NOTE: Cat. 8373NP does NOT have an ON/OFF switch. To set Alarm Tone for Cat. 8373NP, follow all steps above except step 1.

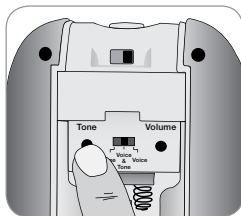


Fig. 5

Adjusting Alarm Volume

There are two (2) alarm volume settings: low and high. These allow you to select the right volume for facility and/or patient/resident needs.

All volume settings are within OSHA standards. For maximum staff alert in noisy areas, use HIGHEST (loudest) volume setting.

⚠ WARNING ALWAYS check to ensure staff can hear alarm at the furthest possible distance before leaving patient/resident unattended.

⚠ WARNING NEVER place alarm closer than two feet from patient's/resident's ear. Doing so may cause hearing loss or other injury. For more information, see: OSHA OCCUPATIONAL NOISE EXPOSURE STANDARDS 1910.95.

To Change Volume:

1. Ensure alarm is on and magnet is on face plate.
2. Remove the battery compartment door by sliding down to gain access to the programming buttons.
3. Press VOLUME button (Fig. 6) to scroll through both the volume selections.
4. Alarm mode must be set to either "Voice and Tone" or "Tone" in order to hear the selection.
5. Each time you press the button, the volume changes and a two (2) second sample plays.
6. Continue to press the VOLUME button until you hear the desired volume. The last sample heard is the volume in use.
7. Replace the battery door and slide shut, locking into place.

NOTE: Cat. 8373NP does not have an ON/OFF switch. To set Alarm Volume for Cat. 8373NP, follow all steps above except step 1.

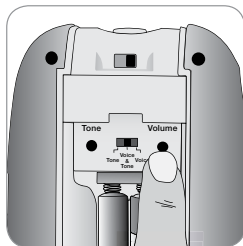


Fig. 6

The SUSPEND Button

The SUSPEND feature silences the alarm until the magnet is replaced on the magnet plate.

To Place the Alarm on SUSPEND:

1. With the magnet disconnected from the front of the alarm (as in an unauthorized patient/resident exit), press the SUSPEND button on the top of the alarm (Fig. 7) until the monitoring indicator LED flashes RED (Fig. 7a).
2. As soon as the magnet is reattached to the front of the alarm, the alarm automatically reverts back to monitor mode. You will hear a “beep,” indicating the alarm is activated and monitoring. The monitoring indicator LED light will be flashing green, indicating the alarm is in monitoring mode.
3. To take the alarm out of SUSPEND, reattach the magnet.

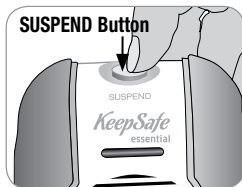


Fig. 7

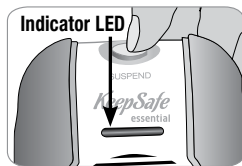


Fig. 7a

⚠ WARNING Test the alarm and magnet for proper operation prior to putting in service with a patient/resident, and each time before leaving the patient/resident unattended. If the alarm and/or magnet do not function properly, remove the alarm and magnet from service and replace them with a properly functioning alarm and/or magnet. Ensure the LED, indicating monitoring, is blinking green.

Connecting to AC Power (Optional)

The Posey KeepSafe Essential is equipped with a DC jack to allow you to use AC power to operate the alarm. When the 8373AC or 8373NPAC is ordered, it includes an AC power adapter. To obtain a replacement power adapter, order Cat. RP8383. To ensure proper alarm function and to prevent damage to the alarm, only use the AC power adapter supplied by Posey.

To Connect to AC Power:

1. Connect the AC power adapter to the KeepSafe Essential (Fig. 8).
2. Plug the other end into the wall.

⚠ WARNING Only use the Posey AC power adapter to power your alarm. Using an adapter other than the Posey adapter may damage the alarm and void the warranty.

If power is interrupted, the alarm will not function. There is no alarm at bedside.

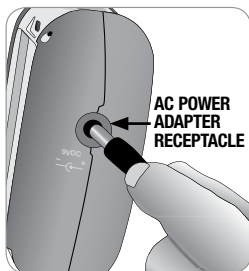


Fig. 8

Mounting the KeepSafe Essential

There are multiple mounting options to choose from for the KeepSafe Essential:

- 8208 Wall Bracket (for wall mounting)
- 8269 Alarm Attachment Bracket with BioThane® Strap (for bed, wheelchair, stretcher, and commode mounting)
- 8208CS Command™ Strip Alarm Mounting System (for wall mounting)
- 8276 Wire Bracket (for headboard or footboard bed mounting, or chair mounting)
- 8278N Narrow Saddle Bracket (for wheelchair mounting)
- 8208G GCX Alarm Mounting Bracket Assembly (for vertical wall mounts)
- 8208H Modular Services Alarm Mounting Bracket (for horizontal wall mounts)
- 8288 Alarm Bracket (for IV pole mounts)
- 8289 Wheelchair bracket (for mounting on back of wheelchair)

If you plan to use the KeepSafe Essential for stretcher sensor monitoring or commode sensor monitoring, please refer to the Instruction Sheets for these products, 8316 and 8333.

Mounting the KeepSafe Essential (Continued)

To purchase additional brackets contact your Posey sales representative, or call Posey Customer Service at 1.800.447.6739.

⚠ WARNING **PRIOR TO USING ANY BRACKET, YOU SHOULD CHECK THAT:**

- Alarm is securely mounted out of the patient's/resident's reach and functions properly by activating alarm.
- Alarm indicator lights are in clear view of staff.

Bed Mounting

There are two brackets suitable for bed mounting, the 8276 Wire Bracket and the 8269 Alarm Attachment Bracket (with BioThane® strap).

The 8276 Wire Bracket fits headboards and footboards that are $\frac{1}{2}$ " – 2" (1 cm - 5 cm) thick (Fig. 9).

TO MOUNT THE 8276 WIRE BRACKET:

1. Slide alarm onto bracket from top down until it is firmly in place (Fig. 10).
2. Choose location on headboard where patient/resident cannot reach or tamper with the alarm or connections.
3. Pull bracket wire away from alarm to create an opening wide enough to fit the headboard or footboard.

Slide bracket onto bed and push down to ensure a snug fit. Make sure alarm indicator lights are in clear view of staff.

4. To remove alarm, gently push release lever IN while sliding alarm up and out (Fig. 11).
5. Make sure magnet, and/or AC adapter cable can be secured out of the way and do not present a tripping hazard.

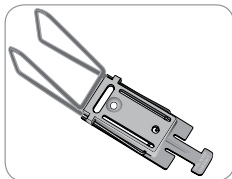


Fig. 9 - Wire Bracket

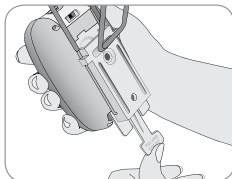


Fig. 10

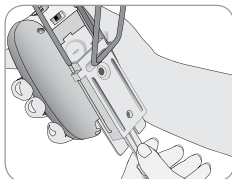
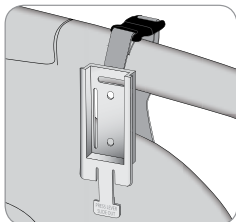
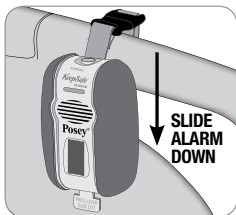
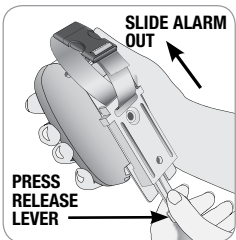


Fig. 11

Bed Mounting (Continued)**TO MOUNT THE 8269 ALARM ATTACHMENT BRACKET:**

1. Choose location on headboard where there is an opening and the strap can be attached so that the patient/resident cannot reach or tamper with the alarm or connections.
2. Buckle strap onto bed (Fig. 12) and tighten strap securely.
3. Slide alarm onto bracket from top down until it is firmly in place (Fig. 13). Make sure alarm indicator lights are in clear view of staff.
4. To remove alarm, gently push release lever IN while sliding alarm up and out (Fig. 14).

**Fig. 12 - 8269 Bracket****Fig. 13****Fig. 14**

Wall Mounting

There are four (4) wall mounting bracket options to choose from: 8208 Wall Bracket, 8208CS Command Strip Alarm Mounting System, 8208G GCX Alarm Mounting Bracket Assembly, and the 8208H Modular Services Alarm Mounting Bracket Assembly.

8208 WALL BRACKET

1. Choose a location out of the patient's/resident's reach, but with indicator lights in clear view of staff.
2. Use Wall Bracket (Cat. 8208) (Fig. 15).
3. Screw Attachment:
 - Position wall bracket with back (flat side) against wall (Fig. 15).
 - Using bracket as a guide, mark spots to insert anchors into wall.

Make sure it is safe to drill and there are no pipes or electrical wires that could be damaged.

- Drill holes where marked and insert anchors.
 - Position bracket over holes. Insert and tighten screws.
4. Slide alarm onto bracket from top down until it is firmly in place.
 5. To remove alarm, gently push release lever IN while sliding alarm up and out (Fig. 16). Make sure magnet and/or AC adapter cable can be secured out of the way and do not present a tripping hazard.

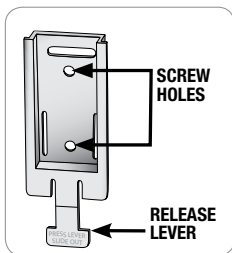


Fig. 15 - 8208 Chair/Wall Bracket (Front View)

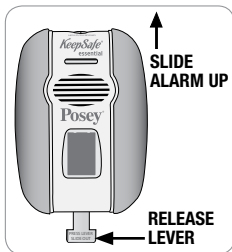


Fig. 16 - Alarm/Bracket (Front View)

Wall Mounting (Continued)

8208CS COMMAND™ STRIP ALARM MOUNTING SYSTEM

1. To install first apply isopropyl alcohol with clean cloth to the back of the 8208 Wall Bracket and wall surface where bracket will be attached. Wipe gently and let dry.
2. Remove the “Red” release liners from the two (2) Command Strips (Fig. 17).
3. Align the adhesive with the top edge of wall bracket and press adhesive firmly in place against bracket. Applying pressure for 10 seconds to activate the pressure sensitive adhesive (Fig. 18).
4. Remove BLACK release liners from the two (2) Command Strips and secure bracket to wall. Press bracket against wall for 30 seconds to activate pressure sensitive adhesive, waiting one (1) hour for use (Fig. 19).
5. To remove, locate the two Command Strip release tabs near the bottom of the bracket. Hold the Wall Bracket with one hand and pull the release tabs with your other hand.



Fig. 17



Fig. 18

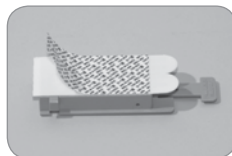


Fig. 19

⚠ WARNING DO NOT pull release tabs towards you. Pull straight down along the wall at least 15 inches. The strips will stretch and release from the wall.

⚠ WARNING The Posey 8208CS will adhere to the following types of wall surfaces: painted, stained or varnished wood, glass tile, painted cinder block, plaster, metal or wallboard. It is not suitable for wallpaper or brick. Surface temperatures should be above 50° F (10° C) for proper adhesion and adhesion could lose strength at temperatures above 105° F.

Wall Mounting (Continued)

MOUNTING WITH 8208G AND 8208H ASSEMBLIES

1. 8208G GCX® Alarm Mounting Bracket Assembly is for use with GCX vertical channel mounts. For installation instruction guide, consult www.gcx.com.
2. 8208H Modular Services Alarm Mounting Bracket Assembly is for use with Modular Services Company horizontal headwall channel. For installation guide consult www.modularservices.com.

Chair/Wheel Chair Mounting

WITH THE 8276 WIRE BRACKET

1. Choose a location on rear of chair, out of the patient's/resident's reach.
2. Slide alarm onto bracket from top down until it is firmly in place (Fig. 13 page 22).
3. Choose location on back of chair back where patient/resident cannot reach or tamper with the alarm or connections.
4. Pull bracket wire away from alarm to create an opening wide enough to fit the chair back
5. Slide bracket onto chair and push down to ensure a snug fit. Make sure indicator lights are in clear view of staff.
6. To remove alarm, gently push release lever IN while sliding alarm up and out (Fig. 14 page 22).
7. Make sure magnet can be secured out of the way and does not present a tripping hazard.

Chair/Wheel Chair Mounting (Continued)

WITH 8269 ALARM ATTACHMENT BRACKET

1. To attach the KeepSafe Essential to a wheelchair using the 8269 Alarm Attachment Bracket, first wrap the strap around the wheelchair frame and then attach the buckle, tightening strap securely.

WITH 8278N AND HOOK-AND-LOOP ATTACHMENT

1. To attach the KeepSafe Essential to a wheelchair using the hook-and-loop strip and chair bracket, wrap the straps firmly around the wheelchair frame.

8289 WITH SCREW ATTACHMENT TO WHEELCHAIR BACK

1. Choose a location on rear of chair, out of the patient's/resident's reach, where existing chair screws can be removed to mount bracket.
2. Use a screwdriver to remove chair screw.
3. Place flat side of bracket against chair back, with release lever pointing DOWN.
4. Reinsert screw through the top horizontal slot of bracket and into chair frame.
5. Use a screwdriver to secure bracket to chair.
6. Slide alarm onto bracket from top down until it is firmly in place.
7. To remove alarm, gently push release lever IN while sliding alarm up and out.
8. Make sure sensor cables can be secured away from moving parts of the chair.

Monitoring in Cord and Magnet Mode

⚠️ WARNING A “false alarm” may occur if cord is too short and minimal patient/resident movement disconnects clip from patient/resident or magnet too quickly. If cord is too long, patient/resident may be able to move out of the “safety zone” without alarm activating.

The Cord and Magnet Mode can be used to monitor patient/resident in bed, or on a chair or toilet. An adjustable slider lets you choose the cord length best suited to each patient/resident.

Cord length selection will vary depending on patient/resident needs, bed, or chair mount position, and other factors. It is the caregiver’s duty to determine the acceptable range of movement (“safety zone”) for each patient/resident. Consider the following when choosing proper cord length:

BED USE

- Cord should allow enough movement to enhance sleep comfort, but be short enough to alert staff if patient/resident moves out of the “safety zone”.
- Consider the extra distance from head of bed to wall if monitor is wall mounted.
- Cord should be in DIRECT LINE from patient/resident to magnet on face of alarm.
- Adjust cord length EACH TIME you raise or lower the bed or the mattress head section to account for this movement.
- Make sure cord is not impeded by pillows or bedding, and is not entangled in side rails or in the headboard.

Monitoring in Cord and Magnet Mode (Cont.)

CHAIR USE

- For use with an adjustable chair, lengthen or shorten cord to account for any change in distance when chair is adjusted.

Make sure cord is not impeded by chair cushions and is not entangled in chair parts.

TESTING MAGNET CORD

ALWAYS check magnet when connecting it to a Posey alarm. You can check a magnet by removing it from the face plate of the alarm (Fig. 20). When the magnet is disengaged, the alarm should sound. **DO NOT** use the alarm or magnet if it does not activate each time magnet is removed from face plate.

ALWAYS check that magnet cord is not frayed or worn and could break. **DO NOT** use if cord is damaged.



FIG. 20

Connecting Magnet Cord to Patient/Resident

1. Use slider to adjust cord to desired length. Cord adjusts from 31" to 60" (79 cm to 152 cm).
2. Attach clip near shoulder:
 - Of clothing patient/resident is not likely to remove; and
 - Out of the patient's/resident's reach (Figs. 18 and 19).
3. Check that attachment point is in good condition and is not frayed or torn.
4. Secure clip lock by rotating it clockwise (Fig. 20). This will reduce risk that patient/resident can remove clip.

⚠ WARNING FOR SAFE USE IN CORD AND MAGNET MODE: To reduce the risk of serious injury or death, **ALWAYS** follow these steps before leaving patient/resident unattended. Check that:

1. Alarm is "ON" and in monitoring mode (monitoring indicator LED is flashing green).
2. Cord clip is securely fastened to clothing out of the patient's/resident's reach.
3. Clip lock is engaged (fig. 20).
4. Magnet cord is not tangled, and is the right length for safe monitoring.
5. Alarm activates each time you remove magnet from face of alarm. Reattach magnet to resume monitoring. If alarm fails to activate, inspect magnet and check all connections. Do not leave a patient/resident unattended unless the alarm activates each time the magnet is removed from the face plate.

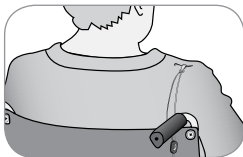


Fig. 18

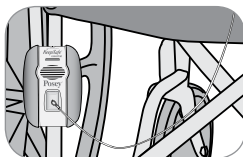


Fig. 19

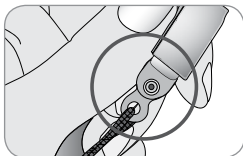


Fig. 20

Connecting Magnet Cord to Patient/Resident (Cont.)

Patients/Residents with Pacemakers or Defibrillators

The Posey KeepSafe Essential is designed to safely monitor patients/residents with external or implanted:

- Pacemakers
- Defibrillators

However, extra care must be taken with magnets around these devices (see warnings below). Consult with a qualified medical authority if you have any questions about patient/resident safety.

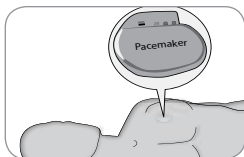


Fig. 21 - Keep away

⚠ WARNING

PACEMAKERS: Contact with a magnet can cause a pacemaker to go into “magnetic mode”. This could result in an increase or decrease in pacemaker speed.

DEFIBRILLATORS: Magnet contact can stop therapy! If patient/resident is in ventricular spasms, magnet may suspend the signal and cause defibrillator to fail to supply needed therapy.

To reduce the risk of severe injury or death:

- **ALWAYS** keep magnets **AT LEAST 1½" (4 cm)** from these devices and implant sites (Fig. 21).
- **NEVER** tape or adhere any magnet to these devices or implant sites.

The KeepSafe Essential and Use of Physical Restraints

The use of physical restraints should be a last resort, and only after a full physical and mental assessment by the facility healthcare team. If the patient's/resident's care plan calls for the use of a restraint, staff should read and follow all instructions and warnings for the device you choose.

⚠ WARNING

- **ALWAYS use Hospital Bed Safety Workgroup (HBSW*) compliant bed side rails. Use gap fillers to reduce the risk that patient's/resident's body or limbs may fit over, under, around, through or between rails (Fig. 22).**
- **Full compliant bed side rails must be UP when restraints are used on a patient/resident.**

To reduce the risk of entrapment, use side rail covers, especially with split side rails. A failure to do so may result in serious injury or death if patient's/resident's body goes under, around, through or between the bed side rails.

Use extreme caution with chair cushions. If a cushion dislodges, straps may loosen and allow patient/resident to slide off seat and become suspended.

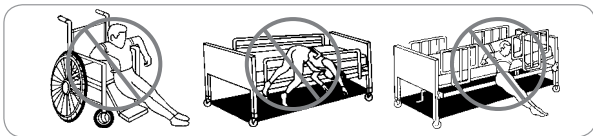


Fig. 22

*<http://www.fda.gov> search keyword "HBSW"

Warnings and Cautions

- Make sure it is safe to drill and there are no pipes or electrical wires that could be damaged when using screws to attach the wall mount bracket.
- **NEVER** place alarm closer than two feet from patient's/resident's ear. Doing so may cause hearing loss or other injury. For more information, see: OSHA OCCUPATIONAL NOISE EXPOSURE STANDARDS 1910.95.
- **ALWAYS** check to ensure staff can hear alarm at the furthest possible distance before leaving patient/resident unattended.
- When monitoring with cord and magnet:
 - A “false alarm” may occur if cord is too short.
 - If cord is too long, patient/resident may be able to move out of the “safety zone” without alarm activating.
- Before each use, check that:
 - Alarm is securely mounted out of the patient's/resident's reach and functions properly by activating alarm.
 - Indicator lights are in clear view of staff.
- Do not mix old and new batteries or battery brands. This may cause rupture or leakage and damage alarm.
- DO NOT allow batteries to deplete while in the alarm. Change batteries immediately when hearing the low battery “chirp.” Depleted batteries may leak and corrode, causing damage to the electronics and reliability. When storing the alarm with power “on”, check the alarm every week to make sure the batteries are still operable and the alarm is still on. If the alarm low battery alert is chirping, or the alarm does not power up, the batteries are depleted and must be removed. DO NOT leave depleted (“dead”) batteries in the alarm to avoid corrosion.

Warnings and Cautions (Cont.)

- Remove batteries when storing the alarm for an extended period to prevent depleting the batteries and potential corrosion.
- The Posey KeepSafe Essential is an electronic device. It may fail to work if subjected to severe shock, such as being dropped, or immersed in liquid. To reduce the risk of serious injury or death, test the alarm for proper operation prior to putting in service with a patient/resident, and each time before leaving the patient/resident unattended. If the alarm does not function properly, remove the alarm from service and replace it with a properly functioning alarm. **DO NOT** use the alarm or magnet if it does not activate each time magnet is removed from face plate.

⚠ WARNING FOR SAFE USE IN CORD AND MAGNET MODE:

To reduce the risk of serious injury or death, ALWAYS follow these steps before leaving patient/resident unattended. Check that:

1. Alarm is "ON" and in monitoring mode (monitoring indicator LED is flashing green).
2. Cord clip is securely fastened to clothing out of the patient's/resident's reach.
3. Clip lock is engaged (Fig. 23).
4. Magnet cord is not tangled, and is the right length for safe monitoring.
5. Alarm activates each time you remove magnet from face of alarm. Reattach magnet to resume monitoring. If alarm fails to activate, inspect magnet and check all connections. Do not leave a patient/resident unattended unless the alarm activates each time the magnet is removed from the face plate.

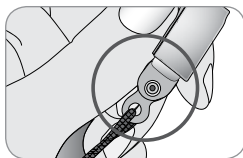


Fig. 23

Warnings and Cautions (Cont.)

PACEMAKERS

Contact with a magnet can cause a pacemaker to go into “magnetic mode”. This could result in an increase or decrease in pacemaker speed.

DEFIBRILLATORS

Magnet contact can stop therapy! If patient/resident is in ventricular spasms, magnet may suspend the signal and cause defibrillator to fail to supply needed therapy.

To reduce the risk of severe injury or death:

- **ALWAYS** keep magnets AT LEAST 1½” (4 cm) from these devices and implant sites.
- **NEVER** tape or adhere any magnet to these devices or implant sites.

Alarm Cleaning and Storage

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Cleaning

Magnet Cord and Alarm Housing (exterior ONLY)

Dampen (but DO NOT soak) a clean cloth with disinfectant.

To reduce the risk of damage, **NEVER:**

- use any cleaning substance that contains Phenol
- immerse in liquid
- sterilize with heat

Use a clean, DRY cloth to dry all parts.

Storage

- This device is designed for use in normal indoor environments.
- This device may be stored in ambient warehouse temperatures at normal humidity levels (10 to 50%). Avoid excess moisture or high humidity that may damage product materials (greater than 90%).

Disposal

⚠ WARNING Dispose of per facility policy. Be sure to follow all laws that apply.

General Cleaning

- For general cleaning, a soft cloth or cotton swabs are best.
- DO NOT use sprays or liquids that may damage battery contacts.
- Tilt case DOWN and use liquid cleaners sparingly. Make sure liquid does not get into main section of alarm case.
- Make sure compartment is completely dry before inserting fresh batteries.

Battery Maintenance

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Battery Compartment

⚠ WARNING If there is ANY evidence of battery leakage, remove the alarm from use and notify the appropriate facility authority. The alarm should be disposed of according to your facility disposal requirements. DO NOT use the alarm and DO NOT attempt to clean it if there are any signs of battery leakage such as corrosion, rust or white powder residue.

- **⚠ WARNING** DO NOT allow batteries to deplete while in the alarm. Change batteries immediately when hearing the low battery “chirp.” Depleted batteries may leak and corrode, causing damage to the electronics and reliability. When storing the alarm with power “on”, check the alarm every week to make sure the batteries are still operable and the alarm is still on. If the alarm low battery alert is chirping, or the alarm does not power up, the batteries are depleted and must be removed. DO NOT leave depleted (“dead”) batteries in the alarm to avoid corrosion.
- Remove batteries when storing the alarm for an extended period to prevent depleting the batteries and potential corrosion.

Troubleshooting Guide

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PROBLEM: Continuous alarm with patient/resident in bed or chair.

SOLUTION:

- Ensure alarm is on and magnet is on face plate.

PROBLEM: Intermittent alarm with patient/resident in bed or chair.

SOLUTION:

- Ensure alarm is on and magnet is on face plate.
- Ensure batteries are not corroded.

PROBLEM: No alarm with patient/resident in bed or chair.

SOLUTION:

- Make sure alarm is ON (monitoring indicator LED is flashing green).
- Check batteries. If needed, insert four (4) new “AAA” alkaline batteries. DO NOT mix old and new batteries, or different brands of batteries.

PROBLEM: Alarm volume is too low or too loud.

SOLUTION:

- Press the VOLUME button on the back of the alarm to change volume setting. Tap the button to scroll through the two choices. The last sample heard is the volume in use.

SOLUTION:

- Check that the battery connections are tight and batteries are installed properly.
- Replace the old batteries with four (4) new “AAA” alkaline batteries.

PROBLEM: Alarm “chirps.”

SOLUTION:

- A “chirp” sound indicates a low battery. Insert four (4) new “AAA” alkaline batteries. DO NOT mix old and new batteries, or different brands of batteries.

Product Specifications

Size	3" W x 4.3" L x 2" D (8 cm x 11 cm x 5 cm)
Weight	6.0 oz. (7.6 oz. with batteries) .17 kgs. (.22 kgs. with batteries)
Power Supply	Four (4) "AAA" alkaline batteries. Optional AC power adapter (Cat. 8373AC) 9 VDC
Battery Life Expectancy	Approximately 30 days of daily use; may vary
Current Drain	Non-alarmed monitoring mode 0.22 mA, maximum alarm volume 132 mA
Alarm Maximum Volume	100 ± 5dB
Voltage Range	4.6-6.3 VDC
Low Battery Warning	Audible, low battery "chirp" about every 15 seconds when batteries need changing

Limited Lifetime Warranty

The Posey Company is committed to manufacturing the best quality products. Posey warrants to the original purchaser that the Posey KeepSafe Essential is defect-free in materials and workmanship. If the product is found to be defective in workmanship or materials, we will replace or repair it without charge. This warranty does not cover accidental damage, water immersion, improper care, alteration or misuse, and excludes claims for loss or theft. Service under this warranty is available by contacting the Posey Customer Service hotline (1.800.447.6739) for a return authorization, and by forwarding the product in clean condition, freight pre-paid, with dated proof of purchase. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Repair Service

Return all alarms for repair to:

Posey Company – KeepSafe Essential Repairs
5635 Peck Road • Arcadia, CA 91006

Insure for \$100.00.

For additional information or questions, call the Posey Company:
1.800.447.6739.



KeepSafe® Essential

Instruction Manual

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Posey Company • 5635 Peck Road, Arcadia, CA 91006-0020 USA
Phone: 1.800.447.6739 • Fax: 1.800.767.3933 • www.posey.com