Quick Reference Guide
Spirit One™

CHG HOSPITAL BEDS

1 A. Basic Bed Operations

Bed Articulations	Use footboard control or siderail controls to raise or lower the head section (backrest) and/or the knee section of the mattress deck or the entire bed. **PUSH** and **HOLD** the UP/DOWN arrow buttons to achieve the desired articulation.
Emergency CPR	**PUSH** and **HOLD** the CPR button to flatten the head (backrest) and knee sections of the mattress deck in an emergency.
Trend/ Reverse Trend	**PUSH** and **HOLD** the TREND or rev.TREND button to achieve either function. To level the bed, press and hold the opposite TREND function button. The bed will automatically stop once level.
Chair	**PUSH** and **HOLD** the CHAIR button until the bed stops in the desired chair position. **PUSH** and **HOLD** the LEVEL ALL button to flatten the mattress deck and to level the bed.
Auto Contour	Press the CONTOUR button to engage the Auto Contour function. An illuminated CONTOUR button indicates that the Auto Contour function is engaged. The knee section will automatically raise or lower when the head (backrest) section of the mattress deck is articulated. The Auto Contour function will be ignored when the knee Lock-Out has been activated.
Level All	**PUSH** and **HOLD** the LEVEL ALL button to flatten head (backrest) and knee sections of the mattress deck.
Lock-Outs	To restrict patient use of all siderail controls, press the patient LOCK button under each function. When the LOCK button is illuminated, patient use of that particular function from any siderail control is restricted. When the LOCK button is not illuminated, patient use of that function is permitted. **NOTE:** The footboard staff control remains functional when patient Lock-Outs have been activated.
Master Lock- Out	To restrict all siderail and footboard controls, press all three LOCK buttons simultaneously. When the Master Lock-Out has been activated, all three LOCK buttons will flash sequentially. To de-activate the Master Lock-Out, press all three LOCK buttons simultaneously again. **NOTE:** The Emergency CPR function and Nurse Call buttons remain functional when the Master Lock-Out has been activated.

B. WatchDog™ Bed Monitoring System

Always On™ Monitoring

The Watchdog system is always monitoring the bed's position to ensure acute patient safety environment

Bed Position/Status Monitoring

The Watchdog feature can be used to monitor and indicate if a change has been made to the bed position or the status of most important bed features.

1. Position and/or set up the bed as desired (positioning, lock-outs, bed exit alarm, etc.)
2. From the Home Screen, Press the Arrow Key located next to the "WATCHDOG" option.
3. The WATCHDOG Screen will be displayed, Press the Arrow Key located next to the "DISARM" option.

The Watchdog lights will turn off for a period of 10 seconds. After the 10 seconds has elapsed, the Watchdog lights will become illuminated indicating the Bed Position/Status Monitoring has taken a new "snap shot" of the current bed position.

IMPORTANT: Watchdog lights will be illuminated solid BLUE to indicate no change, YELLOW if a change has occurred, and RED if the Brake is not set.

C. Patient Weight Scale

Zeroing the Scale

It is critical for scale accuracy to zero the scale before placing the patient in bed. Add all necessary equipment and linens to the bed prior to zeroing the scale.

1. From the Home Screen, Press the Arrow Key located next to the "SCALE" option.
2. The SCALE Screen will be displayed, Press the Arrow Key located next to the "ZERO SCALE" option.
3. The Screen will display "TO ZERO SCALE PRESS CONTINUE", Press the Arrow Key located next to the "CONTINUE" option.

Measuring Patient Weight

With the patient in bed:

1. From the Home Screen, Press the Arrow Key located next to the "SCALE" option.
2. The SCALE Screen will be displayed, Press the Arrow Key located next to the "MEASURE WEIGHT" option.
3. The Screen will be display "MEASURING... DO NOT TOUCH BED". Once the scale has become stable, the bed will take a snap shot of the current patient's weight and display the information on the LCD Screen.

Scenario	Recommended Action
Before each new patient is placed in the bed	Zero the scale. This will automatically reset adjusted patient weight and bed exit alarm history.
Before adding clinically necessary equipment, additional linens, pillows, etc	Use the Change Equipment feature. This will allow any changes to not impact displayed patient weight.

D. Power Status Indicator

Green AC only	Bed is plugged into the wall and the battery is fully charged
Green AC and flashing **Yellow** DC	Bed is plugged into the wall and the battery is charging
Yellow DC only	Bed is running on battery power
Yellow DC and flashing **Red** ATTN	Bed is running on battery power but has used up the battery reserve power. Plug bed into the wall and allow the battery to charge for 24hr
Green AC and flashing **Red** ATTN	Bed is plugged into the wall but there is a problem with the battery or another component. Confirm that the battery is properly connected and/or service the bed immediately

E. Menu Navigation and the BACK Key

Menu Navigation

- Use the UP/DOWN arrow keys to scroll through the menus. The menu options are located in the bottom right corner of the LCD Screen. Menus change as each sub menu is entered.
- Press the ON/ENTER key to progress through the menu options or to make a selection.

Back Key

Press the BACK Key to return back to the previous screen. This function can be performed at any time in any menu option screen.

IMPORTANT: No settings will be changed if no selections were made prior to pressing the BACK Key.
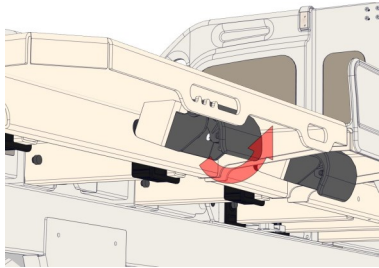
Expandable Deck Sections

The Spirit One™ is equipped with an expandable width deck that has three selectable widths. The deck will expand from a starting width of 36" to an intermediate width of 42". From this point, the deck can be expanded further to achieve a width of 48". A simple to use pull handle releases the deck lock (located beneath the mattress decks), and an easy glide system ensures the deck expands easily for the operator.

⚠️ **NOTE:** Ensure the deck is level and the rails are in the raised position! ⚠️

Pull and hold the Deck Release handle fully. The foot deck will now be free to slide. Gently pull outward on foot deck section to expand the width.

Both sides of the foot deck section will expand in unison. Deck expansion will stop at the second stage (42" width), to widen bed to the third stage (48" width), simply repeat process.
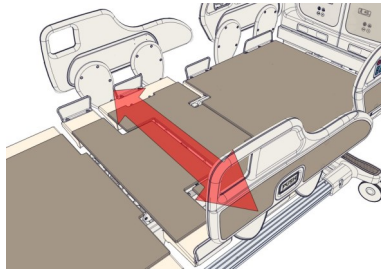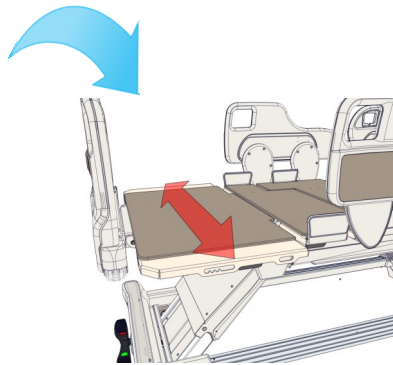
The seat and knee decks are mechanically connected to expand and retract together. Only one operation is required to control the desired width of the seat and knee decks. The deck release handle for this set is located beneath the knee section.
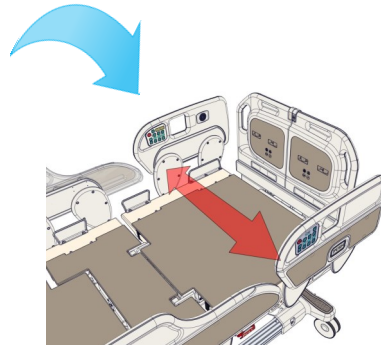
Repeat the process to expand the head deck section. The deck release handle for the head deck is located beside the CPR handle.

⚠️ **REMEMBER! DECK FLAT, RAILS UP!** ⚠️
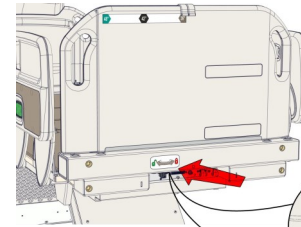
Expandable Headboard

The headboard is an integral part of the bed's complete patient safety system. It is extremely important to expand/contract the headboard every time a change is made to the width of the mattress deck. The headboard has three positions to match the mattress deck:
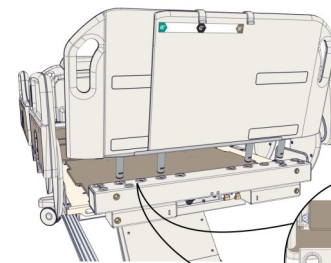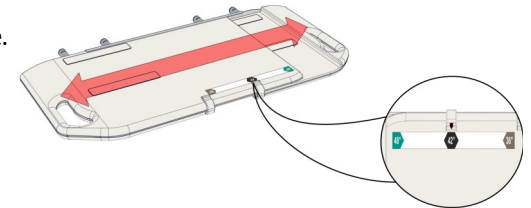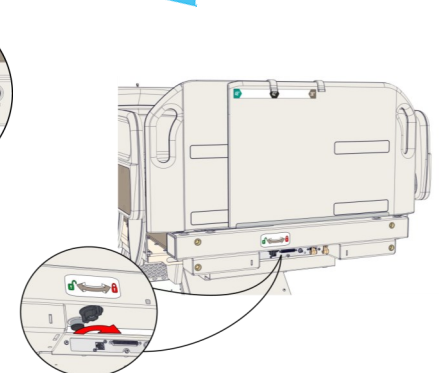
| 36" | 42" | 48" |

Unlock the headboard by rotating the locking mechanism counter clockwise

Place headboard on flat surface. Widen headboard to desired width

Align headboard with matching width receivers located on the headboard bracket

Re-lock the headboard once installed by turning the locking mechanism clockwise
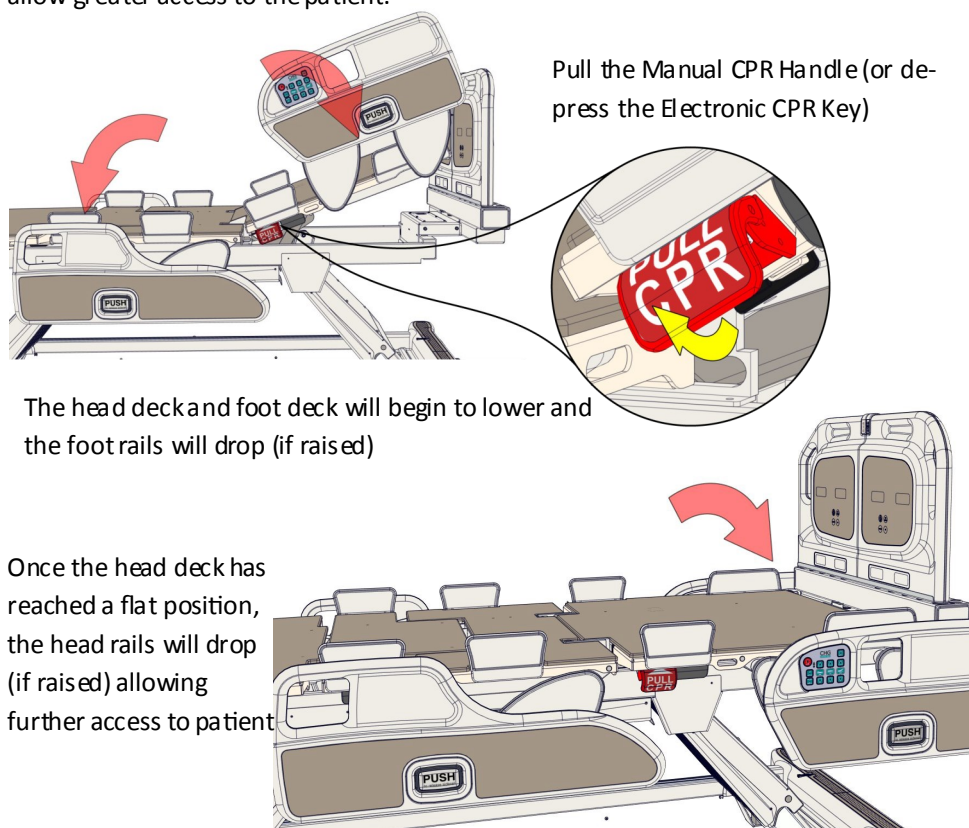
4   Manual CPR

As an added level of patient safety, all Spirit One beds are equipped with a Manual CPR Release mechanism.

In the event of a medical emergency, activation of the manual CPR release handle will mechanically flatten the head section (backrest) of the mattress deck allowing staff to administer CPR to the patient. The knee section of the mattress deck will also automatically flatten.

The manual CPR release will work when mains AC power has been disrupted in the event of either a power failure or when the bed is not connected to mains AC power (unplugged from the wall outlet).

Manual CPR with Electronic Rail Release

If equipped with the Enhanced Electronic Rail Release, when the Manual CPR Handle is pulled, or the CPR Footboard Key is depressed, the side rails will automatically drop to allow greater access to the patient.

Pull the Manual CPR Handle (or depress the Electronic CPR Key)

The head deck and foot deck will begin to lower and the foot rails will drop (if raised)

Once the head deck has reached a flat position, the head rails will drop (if raised) allowing further access to patient

⚠️ NOTE: both manual and electronic CPR operation is Push/Pull and hold ⚠️
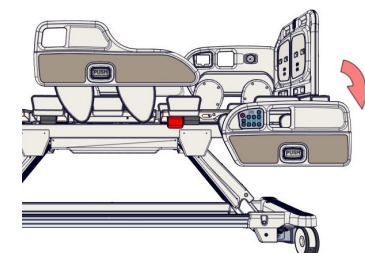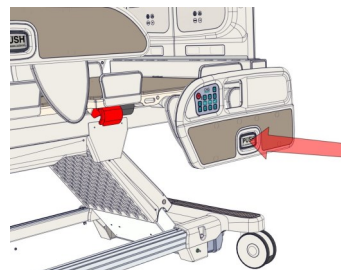
5   Siderails

The siderails lock in both the UP and DOWN position. In the UP position, siderails provide positive patient location/support helping to protect against the potential for patients to fall from the bed as the siderails give the patient a visual and physical indicator of the edge of the bed. In the DOWN position, the siderails permit patient ingress to and egress from the bed. In the TUCK position, siderails enables patient ingress, egress, and safer patient transfer.

Simply push the side rail PUSH Button
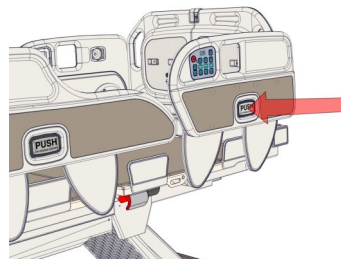
Siderail will lower to the DOWN position

Push the side rail PUSH Button a second time

Siderail will lower to the TUCK position

Simply push inward on the rail to Tuck beneath the mattress deck