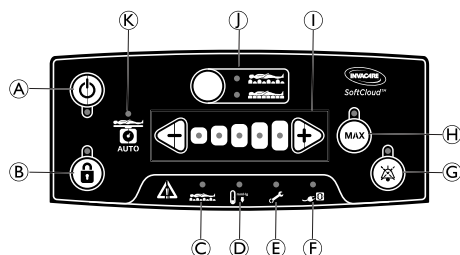


Control Unit



- Ⓐ Power button
- Ⓑ Lock / Unlock button
- Ⓒ Alternation failure indicator
- Ⓓ Low pressure indicator
- Ⓔ Service indicator
- Ⓕ Power loss indicator
- Ⓖ Audible warning mute button
- Ⓗ Max. firmness button
- Ⓘ Pressure settings
- Ⓢ Mode button and indicator
- Ⓚ Auto sensing function

Operating the Control Unit

Turning On and Off Power



1. Press power button for approximately three seconds to turn on or off the power.

Switching the Mode



1. Press mode button to switch between Alternation Mode (alternative cells cyclically inflating and deflating) and Static Mode (all cells fully inflated with no dynamic alternation). The bright LED indicates the active mode.
2. In order to activate or inactivate CLP function (Continuous Low Pressure), press mode button for two seconds.

Changing the pressure settings

Five pressure settings are available from soft (15 mmHg) to firm (55 mmHg) with steps of 10 mmHg.

When using the CLP function, the five pressure settings are from 15 mmHg to 23 mmHg with steps of 2 mmHg.



1. Press Plus button (+) to increase pressure.
2. Press Minus button (-) to decrease pressure.

The bright LEDs indicate the selected setting.

Locking and Unlocking buttons



1. Press Lock / Unlock button for approximately three seconds to lock all buttons on the control unit.
A beep sounds and the amber LED illuminates to indicate the system is locked.
2. To unlock, press again for at least three seconds (beep sounds and amber LED turns off).

The control unit will automatically unlock in the event of a power failure.

Muting Audible Warning Signals

An audible warning signal can be muted while resolving the cause of the failure. If not resolved, the audible warning signal will resume after 17±3 minutes.



1. Press mute button to mute an audible warning signal.

Enabling Rapid Inflation to Maximum Pressure



1. Press Max. firmness button to enable rapid inflation to maximum pressure (60 mmHg).
2. To disable maximum pressure, press button again for three seconds.
If not disabled, after 30±3 minutes the system will automatically revert back to alternation mode with medium pressure, for patient safety.

Auto Sensing (not applicable on all models)

The Auto sensing function is used when the mattress is transferred to a new user.



The system starts from a pressure reference value when calculating the individual pressure setting. When the user is lying on the mattress the differences between the “unloaded” and the “loaded” pressure are compared to a matrix and 1 of 5 pressure steps is selected. When adjusting the pressure the auto settings are overruled by the manual settings.

Identifying and Repairing Faults

**WARNING!****Electric shock hazard!**

Opening the control unit could cause personal injury or equipment damage.
– Do not try to open the control unit.

**IMPORTANT!**

– If the problem is not resolved, contact an Invacare provider or Invacare representative.

Warning/Fault	Cause	Solution
Control unit does not operate; no display lights	The Control Unit may not be attached to a power source A fuse may need replacing in the control unit	1. Check that the control unit is connected to mains power outlet with the correct voltage. 2. Check that the control unit is switched on. 3. Check the mains plug fuse. Check both control unit fuses (1 amp slow blow fuse) – fuses can be released using a screwdriver to push and turn.
Patient is sinking or “bottoming out” whilst lying flat on the Mattress	The pressure may be set too low for the patient’s weight	1. Increase the pressure setting by pressing up the pressure arrow. 2. To check effective system performance, perform a “bottoming out” test. See section “Using the mattress system”.
Audible Warning Mute LED lights up permanently 	Initial failure	1. Mute the audible warning and turn off power. 2. Check that the handle is intact, ensuring all four sealing connectors are firmly attached to control unit and air hoses. Check the CPR Tag is attached and all four sealing connectors are firmly secured. 3. Check all air hoses along the inside of the mattress – each should be firmly connected. Check each air cell is securely attached to its connecting air pipe. 4. Check all cells, pipes and hoses for any air leakage. 5. Turn on Power.
Low pressure indicator LED lights up  + audible warning	Pressure too low	1. Mute the audible warning and turn off power. 2. Check that the handle is intact, ensuring all four sealing connectors are firmly attached to control unit and air hoses. Check the CPR Tag is attached and all four sealing connectors are firmly secured. 3. Check all air hoses along the inside of the mattress – each should be firmly connected. Check each air cell is securely attached to its connecting air pipe. 4. Check all cells, pipes and hoses for any air leakage. 5. Check that the air filter shroud is correctly secured and the air filter is clean. 6. Turn on Power.
Alternation Failure indicator LED lights up  + audible warning	Alternating Mode Failure (no alternation)	1. Mute the audible warning and turn off power. 2. Disconnect the air hoses to reduce pressure – reconnect when pressure has decreased. 3. Restart the system by switching the power button off and on. The system automatically starts in Static Mode and will switch to Alternating Mode when operational pressure is reached. 4. Reset the personal settings.
Power loss indicator LED lights up  + audible warning	Power failure	1. Mute the audible warning. 2. Check that the power cable is firmly plugged into the mains outlet and the control unit. Check that the mains power is switched on. 3. Check both control unit fuses (1 amp slow blow fuse) – fuse can be released using a screwdriver to push and turn. If power is restored within 20 minutes of failure, the system will run an initial start up sequence before returning to the last settings.
Service Indicator LED lights up 	Service needed	1. Contact an Invacare provider or Invacare representative.  There is no risk for continued use even if the Service Indicator LED lights up.



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Yes, you can.