Tamora III Advance

Ultimate Healthcare

Quick Reference Guide

Please refer to the product User Manual for full instructions for use.

Low Pressure · Power Failure · Service · Minutes · Cycle · Alternate · Static · CLP · Operate · Standby · Lock Out · Mode · Auto Firm · 30 50 75 100 130 165 205 255 kg · Soft · Auto Detection · Firm

TAMORA III ADVANCE
DYNAMIC MATTRESS REPLACEMENT
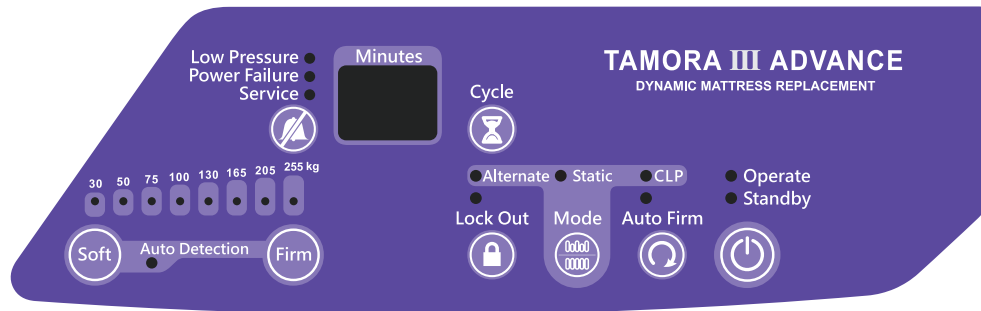
Control Panel Lock Out

To unlock panel:

- Press & hold for 3 seconds to unlock control panel.

To lock panel:

- To lock out the control panel press the **Lock Out** button and all functions will be locked.
- If the control panel is not used for a period of 30 seconds it will automatically lock out and inhibit the use of the functions.

Comfort Control

The **Soft** and **Firm** buttons allow adjustment of pressures within a safe pre-set range.

- When pressing the **Firm** button, the output pressure will increase to provide a higher pressure output and thus increased support.

- When pressing the **Soft** button, the output pressure will be decreased to provide a lower pressure output and thus increased comfort.

Auto-Detection -

detecting patient weight (distribution)

- Simultaneously pressing the **Soft** and **Firm** buttons on the control panel will manually activate **Auto-Detection**.

- Once activated the indicator light will flash and the system will start detecting the patients weight distribution to set internal pressures appropriately. The system will continuously check this every 2 hours.

Auto Firm Mode

- Pressing the **Auto Firm** button quickly inflates all cells to a single pressure setting.
- The system will automatically return to **Last Mode of Operation** after 20 minutes.

Function Mode Button

- Pressing the **Mode** button allows you to cycle between the different modes available such as **Alternating, Static** and **Constant Low Pressure**.

Alternating Mode

- **Alternating** mode is the default mode for the system. Within this mode the mattress will inflate and deflate in an alternating 1-in-3 cell cycle.

- The **Alternating** cycle will continue at the selected cycle time until another mode is selected.

Static Mode

- Pressing the **Mode** button until the **Static** indicator illuminates puts the system into **Static** mode.
- The system will automatically return to **Alternating** mode after 20 minutes.

Constant Low Pressure (CLP) Mode

- Pressing the **Mode** button until the **CLP** indicator illuminates puts the system into **Constant Low Pressure** mode.
- Within this mode the cells are not alternating and the internal cell pressure within the mattress is set at 15mmhg to provide a comfortable pressure reducing surface.

Alternating Cycle Time selection

- Choice of 10/15/20/25/30 minutes.
- To select press **Cycle** button until required cycle time is displayed in LCD screen.

Alarms

Alarm Mute

The **Alarm Mute** button temporarily resets the audible *Low Pressure/Power Failure/Service* alarms. Should the situation not be resolved and the fault condition continues the alarm will resume.

Low Pressure Alarm

- Upon detection of low pressure, an audible alarm will be heard and the **Low Pressure** indicator will illuminate.

Power Failure Alarm

- If mains power is removed from power unit or the power cable is unplugged without turning the power unit OFF, an audible alarm will sound and the **Power Failure** indicator will illuminate.

Service Alarm

- Should your system develop a fault condition whilst in use, an audible alarm will be heard and the **Service** indicator will illuminate.

Mattress Setup

Secure the mattress to the moving parts of the bedframe using the securing straps, and when the system is fully inflated it is ready for the patient to be positioned onto the mattress.

Lay the mattress on the bed patient surface ensuring that the air pipe connector is situated on the bottom left hand side of the bed foot end (as viewed from the foot of the bed).
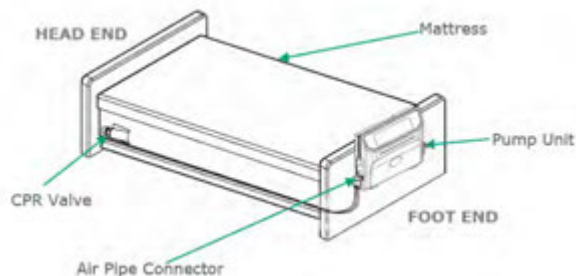
Security Straps

There are security straps fitted to the base cover of the mattress which should be fastened loosely to convenient points on the bedframe patient surface.

Ensure when fixing the mattress to the bed the security straps are only fitted to the moving parts of the mattress platform.

Image showing 3 of 6 straps. All 6 straps should be fastened

CPR

In the event of a patient suffering a cardiac arrest and CPR needing to be administered:
To activate the CPR:

1. CPR valve is located at the head end on the left hand side of the mattress.
   Gently pull and rotate the dial of the CPR valve to 'click'
2. into the OPEN position. At the same time, disconnect the air pipe connector from the Pump to speed up the air release. The mattress deflates in 10-15 seconds.

To reset CPR:

1. Ensure the dial of the CPR attachment is rotated until it 'clicks' into the CLOSED position

Troubleshooting

(1) No lights on power unit

- Check the power unit is connected to the mains power supply and that the mains switch is turned ON.

(2) Low Pressure indicator is flashing and sounding

- Check to ensure that the CPR valve is in the closed position.
- Check whether power was suddenly shut down.
- Check that the connection between air tube and power unit is tightly secured.

Cable Management System Cable management fixings are located on each side of the mattress underneath the flap of the cover. The mains power cable should be secured through the cable management fixing as follows:

- Locate each cable management fixing.
- If necessary, open the press studs.
- Run the mains power cable along the side of the mattress securing each fixing loop around the cable using the press studs.

Setting up the pump
Whilst holding the pump, unfold the hanging hooks on the rear of the Pump and hang it from the bed's footboard.

Ensure power cable the air output pipe are routed in such a manner so that they cannot be twisted, trapped, crushed or stressed.

Connecting the Mattress to the Pump
Remove the cover of the air pipe connector and connect the air pipe connector to the Pump. When turning the power on, the pump goes directly into auto firm to inflate the mattress. When fully inflated it reverts to the initial setting of 10 minutes. At this point the comfort control can be set to the desired weight or activate the auto detection.
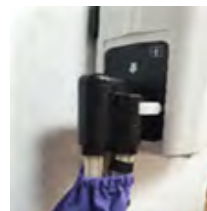
Transport Mode

Transport mode will maintain the cells in their present state for up to 24 hours.

- Simply disconnect air pipe connector and place the connector cover over it. The air pressures in the mattress will now equalise, but maintain a degree of comfort.

- Where possible transport mode should be used in the event of a power cut or for transportation in hospital setting. When the user is not able to facilitate transport mode, the audible alarm will sound, until the power is restored and the mattress will stay inflated for up to 12 hours when connected to the pump

  - Check that all tubing connections along the mattress are secured.
  - If all of above steps have been checked. Press **Alarm Mute**

  (3) Service indicator remains illuminated

  - Indicates that system is scheduled for an annual service. Please contact Ultimate Healthcare or your local dealer to arrange.

  (4) Power failure alarm indicator is flashing and sounding

  - Check the power unit is connected to the mains power supply and that the mains switch is turned ON.

This Quick Reference Guide (QRG) has been produced to assist users with only the functional aspects of the system

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