

HeartMate 3™ System Controller Guide

The purpose of this handout is to explain how to use the System Controller for your HeartMate 3. The main parts of the controller are the control buttons, a user interface screen, and lighted symbols.



Control buttons and user interface screen

1. Battery Button (3 Functions)

- Press and release the **Battery Button** to display battery fuel gauge.
- Press and hold the **Battery Button** for 5 seconds to perform a controller self-test.
- Press and hold **Battery Button** for 5 seconds when power and driveline is disconnected, to put the controller into sleep mode.
 - User Interface Screen will go black after 5 seconds.

2. Silence Alarm Button (2 Functions)

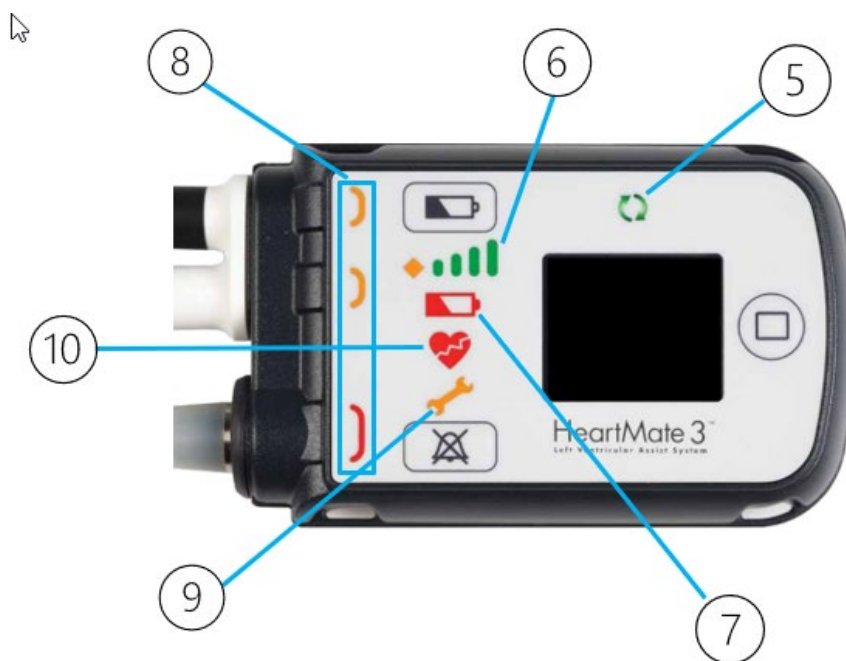
- Press and release the **Silence Alarm Button** to silence an active alarm.
- Press and release the **Silence Alarm Button** and **Display Button** at the same time to display previous alarms.
- Press the buttons again at the same time to return to the User Interface Screen to see patient data or wait 15 seconds to default to blank screen.

3. Display Button

- Press and release the **Display Button** to display information about the system operations including:
 - Pump speed, pump flow, pulsatility index (PI), power in watts, and charge status of the backup battery.
- Display Button will also cycle through the Alarm History Data.

4. User Interface Screen

Displays information including pump speed, pump flow, pulsatility index (PI), power in watts and charge status of the backup battery.



Lighted Symbols

5. Pump Running Light



- Stays lit green if the LVAD pump is running.



6. Battery Capacity Light

- 4 green lights = Approximately 75-100% of power remains.
- 3 green lights = Approximately 50-75% of power remains.
- 2 green lights = Approximately 25-50% of power remains.
- 1 green light = Less than 25% of power remains.
- Yellow diamond only= Less than 15 minutes of power remains.

7. Low Battery Alert



- This alarm means less than 5-minutes of battery power remains.
- See Pocket Controller Alarm Reference Guide for more details.

8. Cable Disconnect Symbols

- **Yellow Light**



- The yellow light near the white or black power cables will come on when no power is coming through the associated cable.
- Check all the connections for the black and white power cables and battery clips.

- **Red Light**



- The red light near the driveline connector comes on when the driveline

becomes loose or disconnects from the System Controller.

9. Yellow Wrench



- Lights up when the controller detects a mechanical, electrical, or software issue with the system.
- See Pocket Controller Alarm Reference Guide for more details.

10. Hazard Alarm



- When the red heart symbol comes on, follow the on-screen instructions. Do this immediately.
- See Pocket Controller Alarm Reference Guide for more details.

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