



ORBIT READER 20

Orbit Reader 20 Calibration User Guide

**4th Oct 2017
Version 0.05**

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Revision History

| Rev. | Date | Description of Changes | Author |
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1 Introduction

This document covers the calibration procedure.

2 Performing the calibration on the OR-20

Calibration of the OR-20 can be performed by performing few steps as described below.

1. Press the power key for 2 seconds to turn on the OR-20
2. Press and hold the SPACE key and press power key for 2 seconds to enter into calibration mode. The OR-20 shows the message “Calibration mode”
3. Wait for 5 seconds
4. Press SPACE and UP keys simultaneously to start the calibration.
All pins go up and down during the calibration process. It takes approximately 25 to 30 minutes to complete the calibration.
5. On the completion of the calibration, OR-20 shows the message “Calibration complete”. In case any error occurred during the calibration the OR-20 shows the message “Calibration Failed”.
6. Reset the device using reset key sequence from the keypad (Dot 8 + Right front pan key).
7. A list of the calibration log files generated on the SD card. We may ask you to send these files to us occasionally for troubleshooting. These files can be deleted otherwise.

1. FL Axxxxx_Cal_Log.txt
2. FL Axxxxx_FC_E_N_D.xls
3. FL Axxxxx_FC_E_N_U.xls
4. FL Axxxxx_FC_E_O_D.xls
5. FL Axxxxx_FC_E_O_U.xls
6. FL Axxxxx_FC_T_N_D.xls
7. FL Axxxxx_FC_T_N_U.xls
8. FL Axxxxx_FC_T_O_D.xls
9. FL Axxxxx_FC_T_O_U.xls

3 Important notes

1. The battery must be charged minimum up to 50% to start the calibration of OR-20 otherwise calibration process does not start.
2. In case, the battery is not charged up to 50%, the OR-20 shows the message “Battery Low” while entering into the calibration mode.
3. Please do not obstruct the display or press any key while calibration is in progress. Otherwise, it may result in the erroneous calibration of the pins.