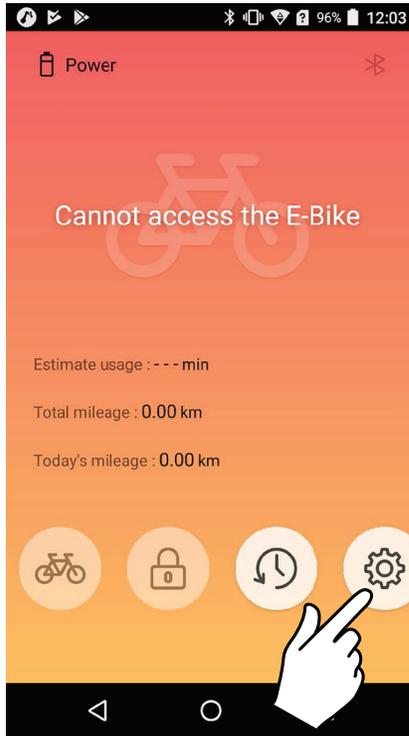


# Bluetooth App Manual

(Note: most images are from the Android App)

1. Download the mBike  App from the [Apple App Store](#) or [Google Play Store](#).
2. Tap the "mBike" icon on your phone.
3. Once on the Home Screen, tap the "Settings" icon.



Launch Dashboard Page to record your trip. Connect Bluetooth to enable this button.



Bluetooth Lock function. Connect BT to enable button.



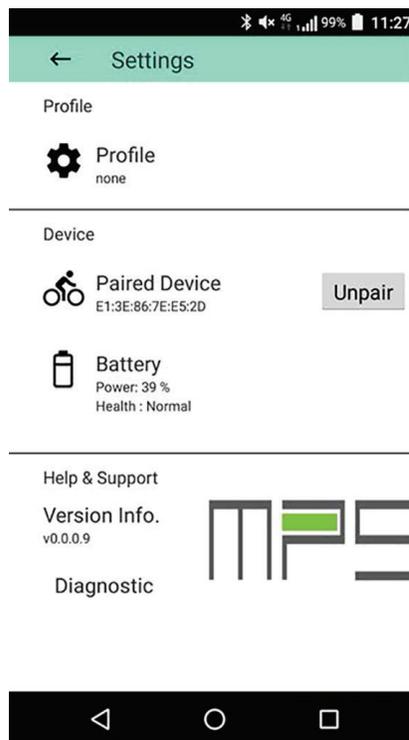
Bluetooth Lock is activated and Dashboard button is disabled.



Launch History Page.



Launch Settings Page.



Profile none

Profile page is for optional basic data. User name "None" will be used unless filled in.



Pair/Unpair for MPS battery pack.



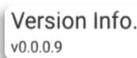
Paired Device E1:3E:86:7E:E5:2D

Shows the MAC address of the connected MPS battery pack.



Battery Power: 39 % Health : Normal

Shows the Battery Power level and Health Status of the MPS battery.



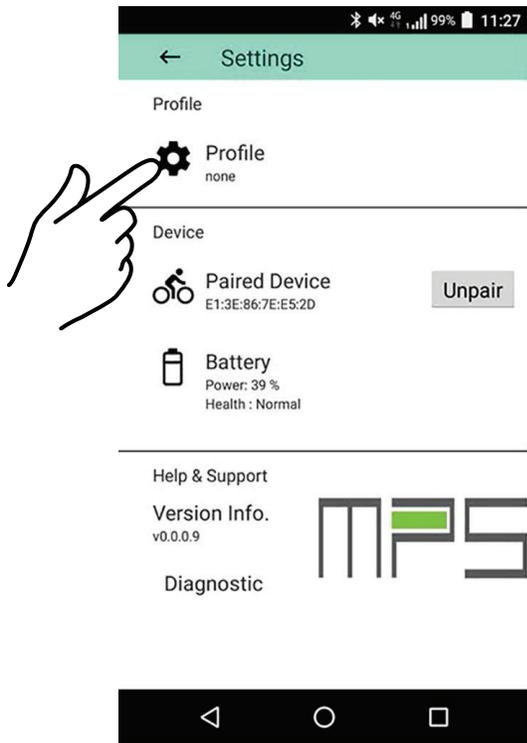
Version Info. v0.0.0.9

**Tapping "Version Info" four consecutive times will unlock the "Diagnostic" button.**

When "Diagnostic" is tapped it will launch the Diagnostic page.

# Bluetooth App Manual

4. Once on the Settings screen, tap "Profile" and fill in your Profile information.



5. On the Settings screen, tap "Pair".

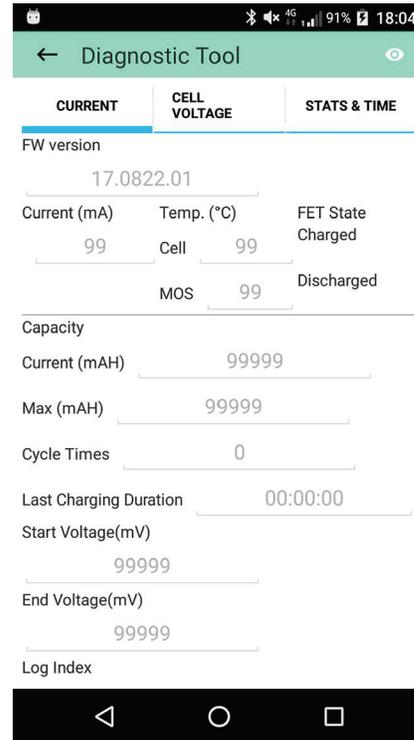
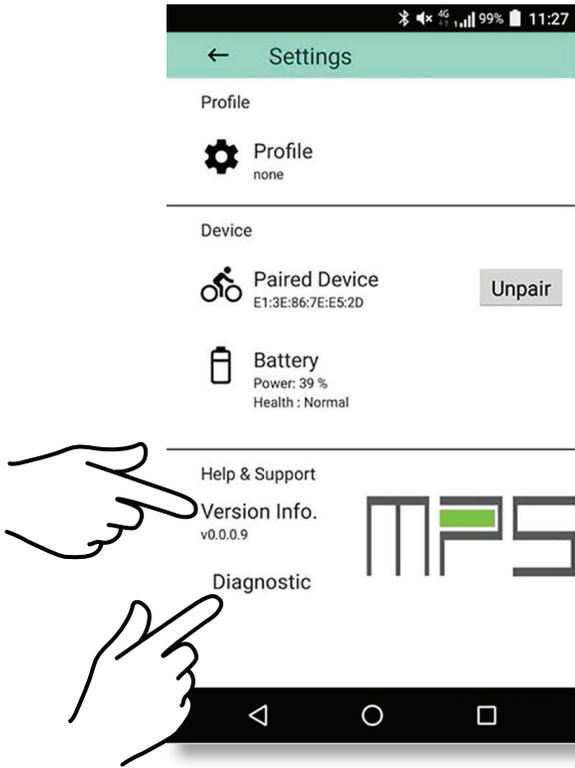
6. Once on the Select Device screen tap MPS then on the Settings screen you will see that battery is paired.



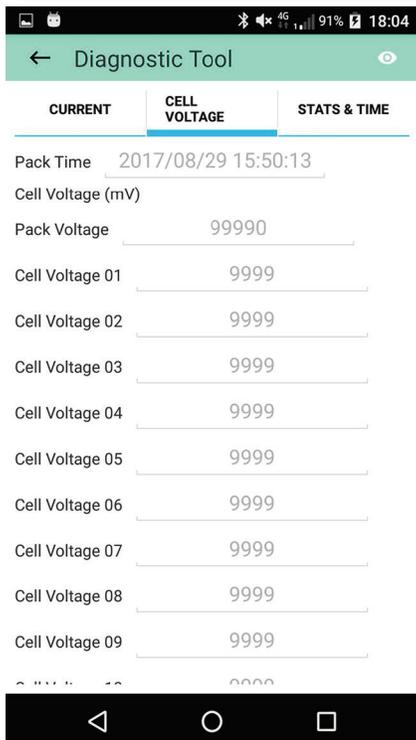
# Bluetooth App Manual

7. On the Settings screen tap "Version Info" 4 consecutive times for it show "Diagnostic" if it isn't already there . Tap "Diagnostic" to view real time battery information. There is a Pause, Resume function in the upper right hand corner of the screen.

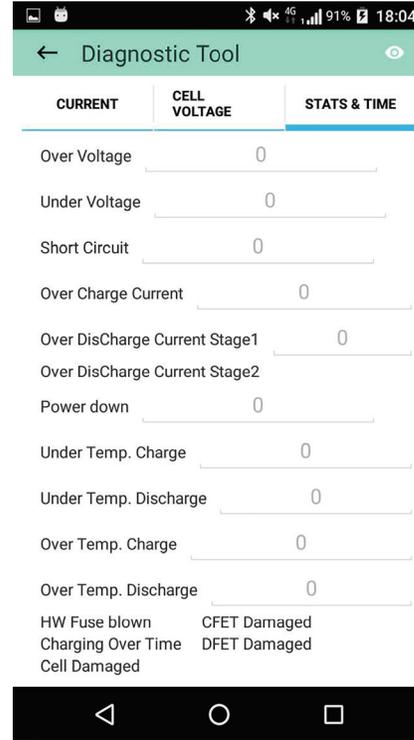
## Shown below are the Android Diagnostic Tool Pages



This page shows values like current, pack temperature, capacity and charging status.



This page shows the voltage values of all cells.



This page indicates any pack errors and the error frequency.

# Bluetooth App Manual

Shown below is the iOS Diagnostic Tool Page

The screenshot shows the 'Diagnostic Tool' page in an iOS app. At the top, it displays the status bar with '無 SIM 卡', the time '上午9:33', and battery level. Below the status bar, there are navigation options: '< Settings', 'Diagnostic Tool', and 'Pause'. The main content area is divided into several sections:

- Cell Voltage Data:** A table with three columns: 'total(mV)', 'cell1', 'cell2', 'cell3', 'cell4', 'cell5', 'cell6', 'cell7', 'cell8', 'cell9', 'cell10', 'cell11'. Values range from 3842 to 3843 mV, with 'cell11' at 0.
- System Metrics:** A table with three columns: 'Gain(mA)60', 'Cell/MOS(°C)', 'FET State', 'Current(mAH)', 'Max', 'CycleTimes', 'LastChargeDuration', 'Start(mV)', 'End(mV)'. Values include 1, 25/25, Fail, 4933, 12708, 0, 00:00:00, 0, and 41970.
- Error Indicators:** A table with four columns: 'HWFuseBlown', 'ChargingOT', 'CFET', 'DFET', 'Cell'. Values include 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 3248.

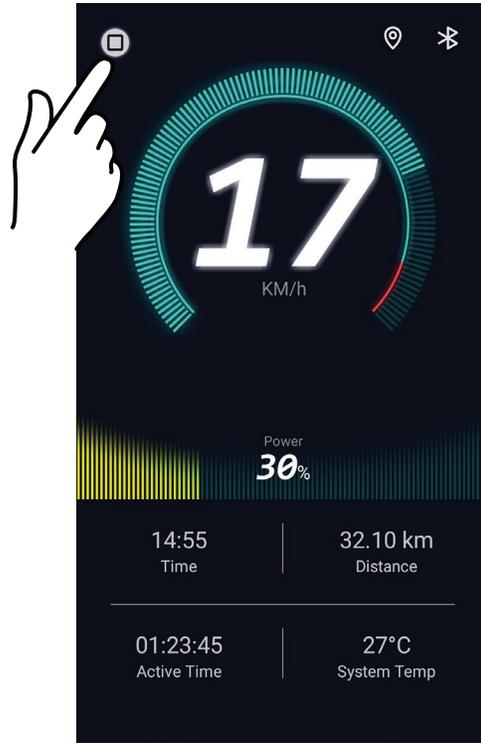
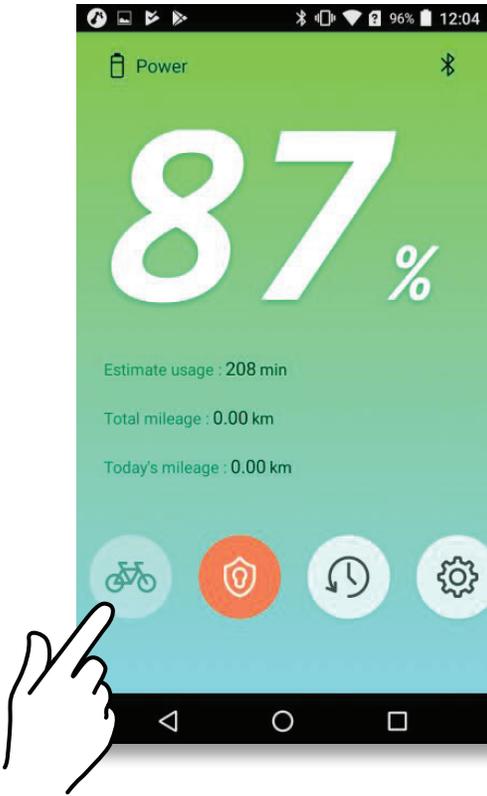
This block shows the voltage values of all cells.

This block shows values like current, pack temperature, capacity and charging status.

This block and the 5 items "HWFuseBlown", "Charging OT(charging over time)", "CFET", "DFET", "Cell" are indication of pack error occurrence.

# Bluetooth App Manual

- On the Home Screen tap the "Bike" button to to access Dashboard Page.
- On the Dashboard Page screen tap the "Stop" button to stop recording, save data and launch the Record Page.



Time: Current time.  
Active Time: Accumulated time over 5km/h.  
Distance: Accumulated distance over 5km/h.  
System Temp: Current battery pack temperature.

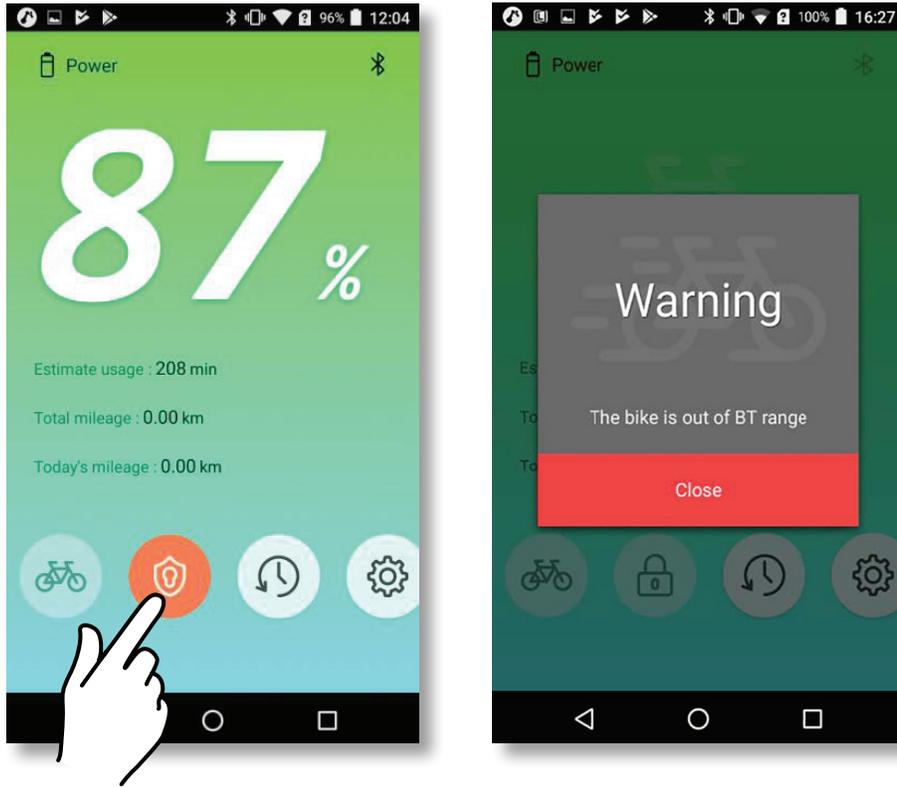


 General share function button.

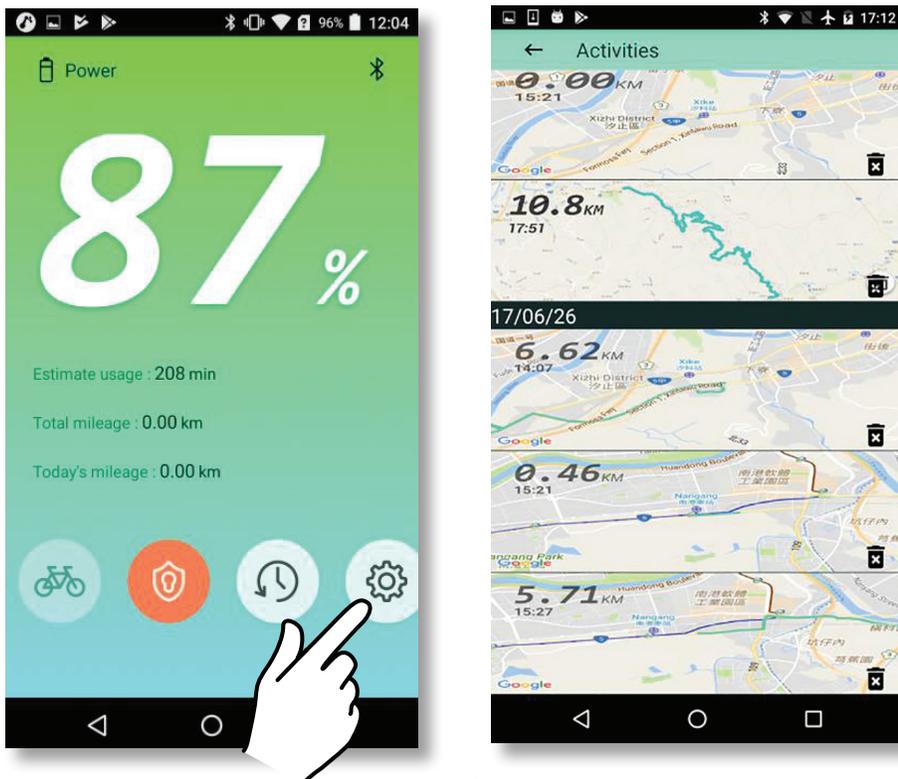
Calories: Is a computation without the input of electric power.

# Bluetooth App Manual

10. On the Home Screen tap the "Lock" when Bluetooth is connected. This will activate a warning when your bike is out of Bluetooth range.



11. On the Home Screen tap the "History" button to see your Activities (Trips) page.



This page lists all your activities. Tapping any of the activities will open a record that will be shown on Record Page. See page 46.



Tap the trash can button to Delete an activity record.