# 7 CONNECT LEOMO MOTION SENSORS TO TYPE-S

Make sure your LEOMO Motion Sensors are connected to your TYPE-S by checking the sensor connection status.

PAIRED MOTION SENSORS THAT ARE CONNECTED

PAIRED MOTION SENSORS THAT ARE DISCONNECTED

MANUAL PAIRING

If you do not have 5 LEOMO Motion Sensors paired to your TYPE-S, manually pair them from Quick Menu (swipe up from the bottom of the screen) > Menu > Motion Sensors
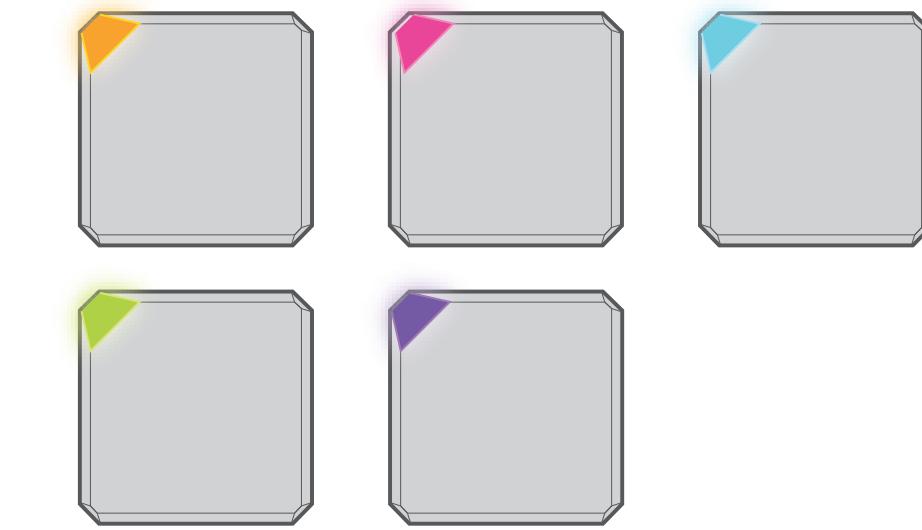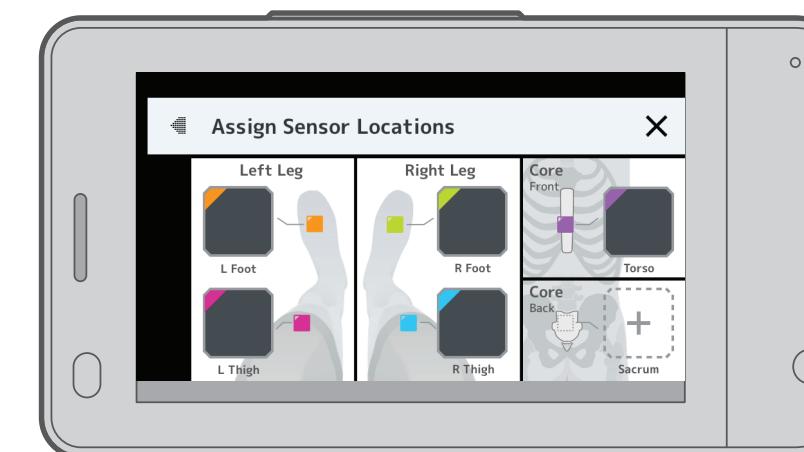
NOTE

• If manually connecting a LEOMO Motion Sensors doesn't work, restart the sensor by inserting and removing it from the Sensor Charger.

• If you have more than 5 LEOMO Motion Sensors in your surroundings, pair to the correct sensor by matching the ID printed on the bottom of the sensor.

8 ASSIGN LEOMO MOTION SENSOR LOCATIONS

LEOMO Motion Sensors need to be assigned to a specific body location. When prompted, set the locations of your LEOMO Motion Sensors (you can also manually access the location assignment page from Quick Menu > Menu > Motion Sensors > Assign Sensor Locations).

9 PAIR ANT+ SENSORS (NOT INCLUDED)

Optional: Pair ANT+ sensors from Menu > ANT+ Sensors > Add Sensor

- Power Meters
- Heart Rate Sensors
- Speed Sensors
- Cadence Sensors
- Speed / Cadence Sensors

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PHYSICAL CONFIGURATIONS

Attach a standard quarter turn bike mount to your bike's stem or handlebar. Attach the TYPE-S to the Multi-sport Adapter, then set the Bike Plate at the back of the Multi-sport Adapter on the bike mount and twist them 90 degrees to secure them to the bike.
In case the Bike Plate breaks, we recommend you to use a safety cord that ties the Multi-sport Adapter to the bike's stem or handlebar.

⚠ WARNING
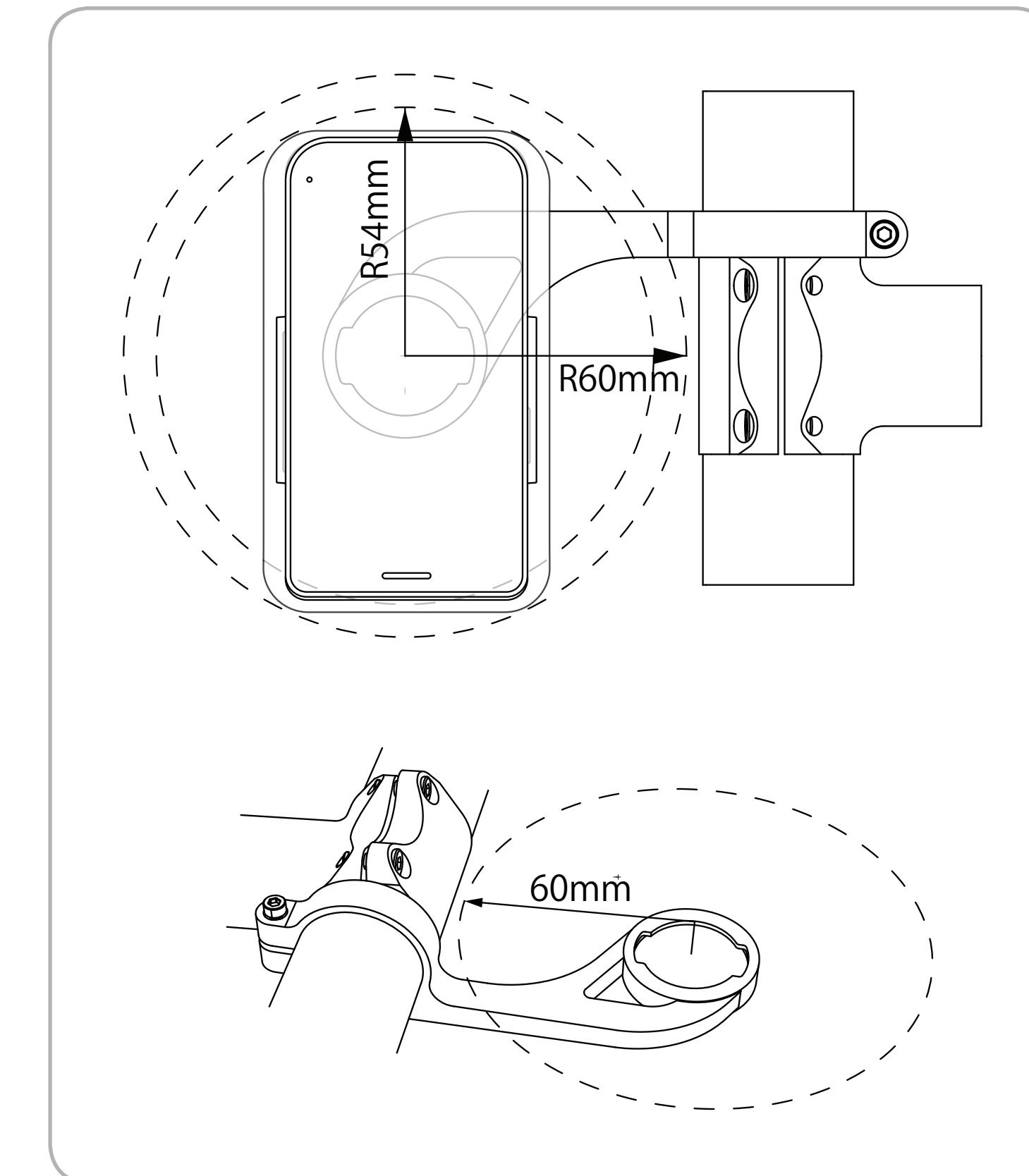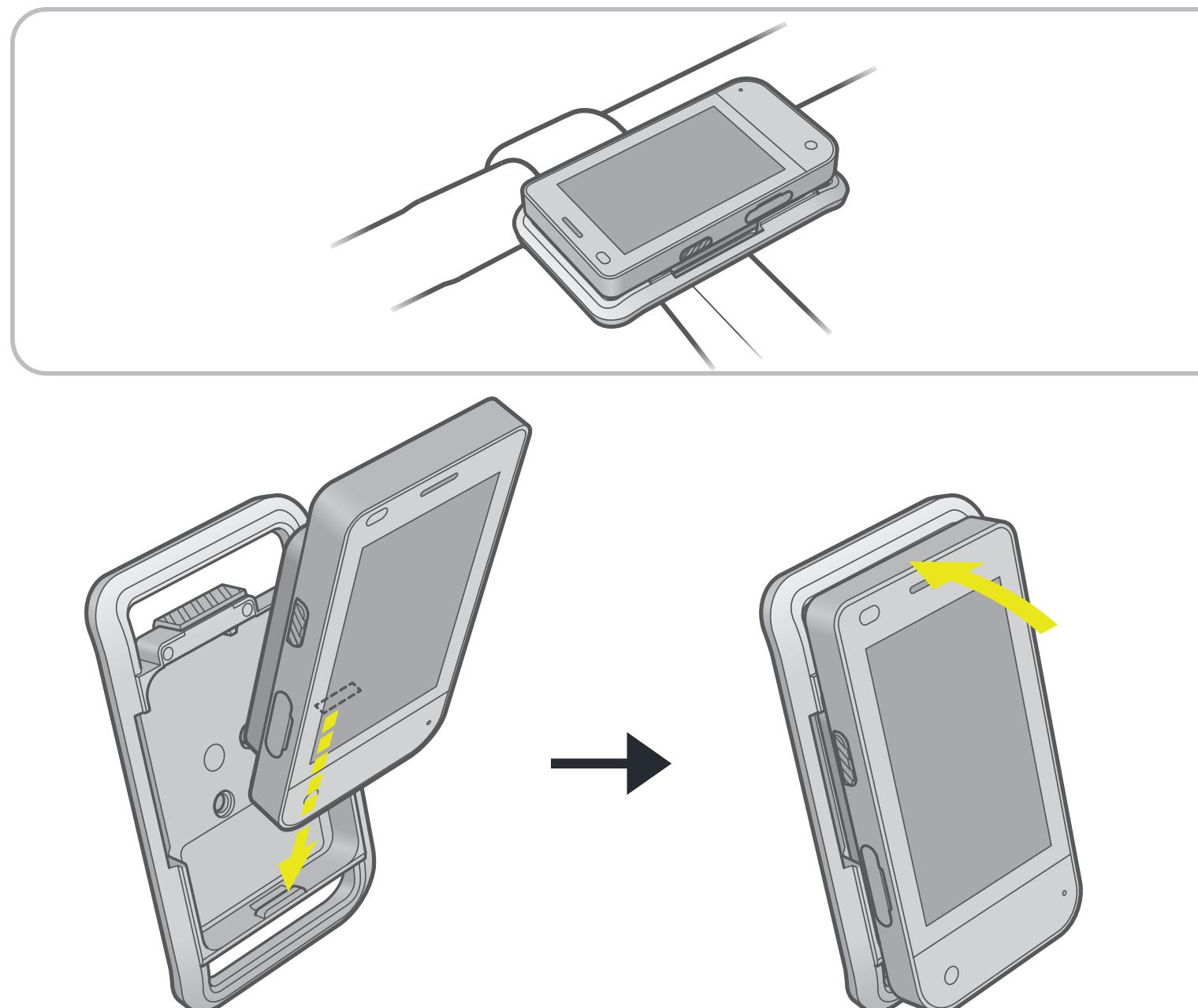
In order to maintain the product's waterproof capabilities, please follow all instructions written in this manual and the LEOMO terms of use listed below. Any damage resulting from user negligence will void the product warranty.

- Make sure the SIM/micro SD card tray of the TYPE-S is fully inserted.
- Make sure the USB port and connectors are completely dry while charging.

For more information, please go to http://leomo.io/warranty and http://leomo.io/terms

BIKE HANDLE BAR

Use a standard quarter turn bike mount for a cycle computer having 3-inch or larger screen. The following figures show the required clearance.

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1 PREPARE THE TYPE-S

1) CONNECT TO SENSORS

Connect to your LEOMO Motion Sensors and ANT+ sensors.
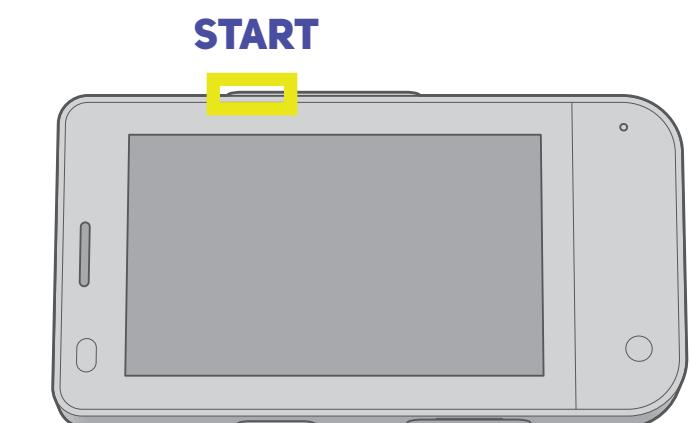
2) WEAR YOUR MOTION SENSORS

Place LEOMO Motion Sensors on assigned locations. Note that sensors placed on non-assigned locations will have incorrect data. (check next page for locations)
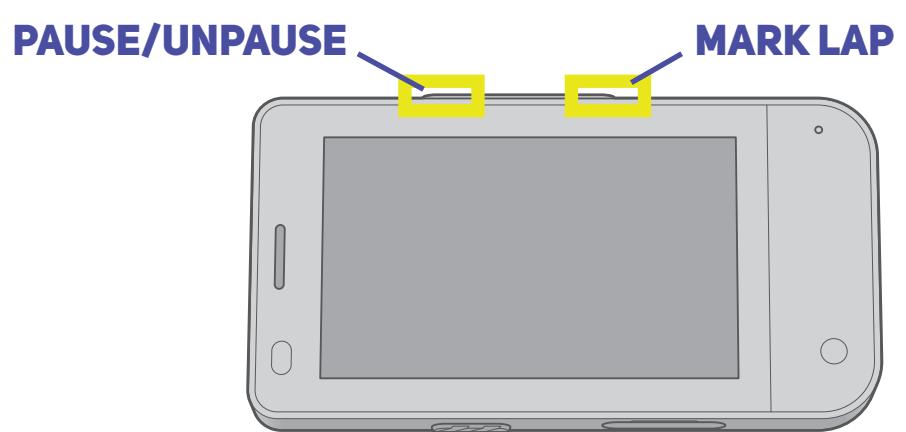
2 RECORD ACTIVITY
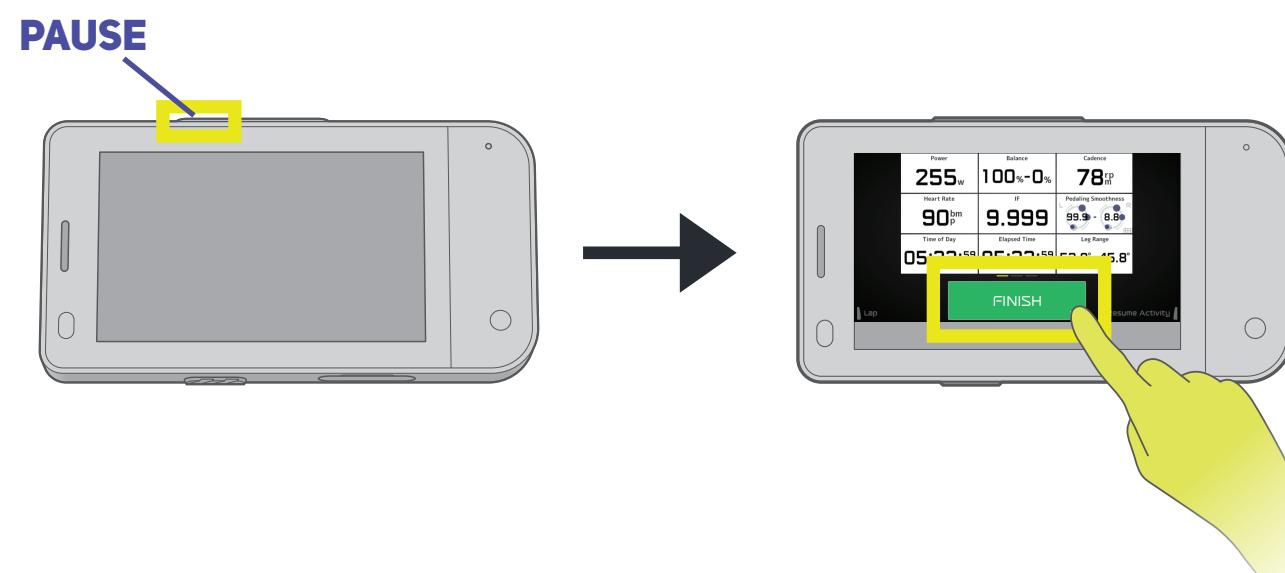
STARTING AN ACTIVITY

START

DURING AN ACTIVITY

PAUSE/UNPAUSE   MARK LAP
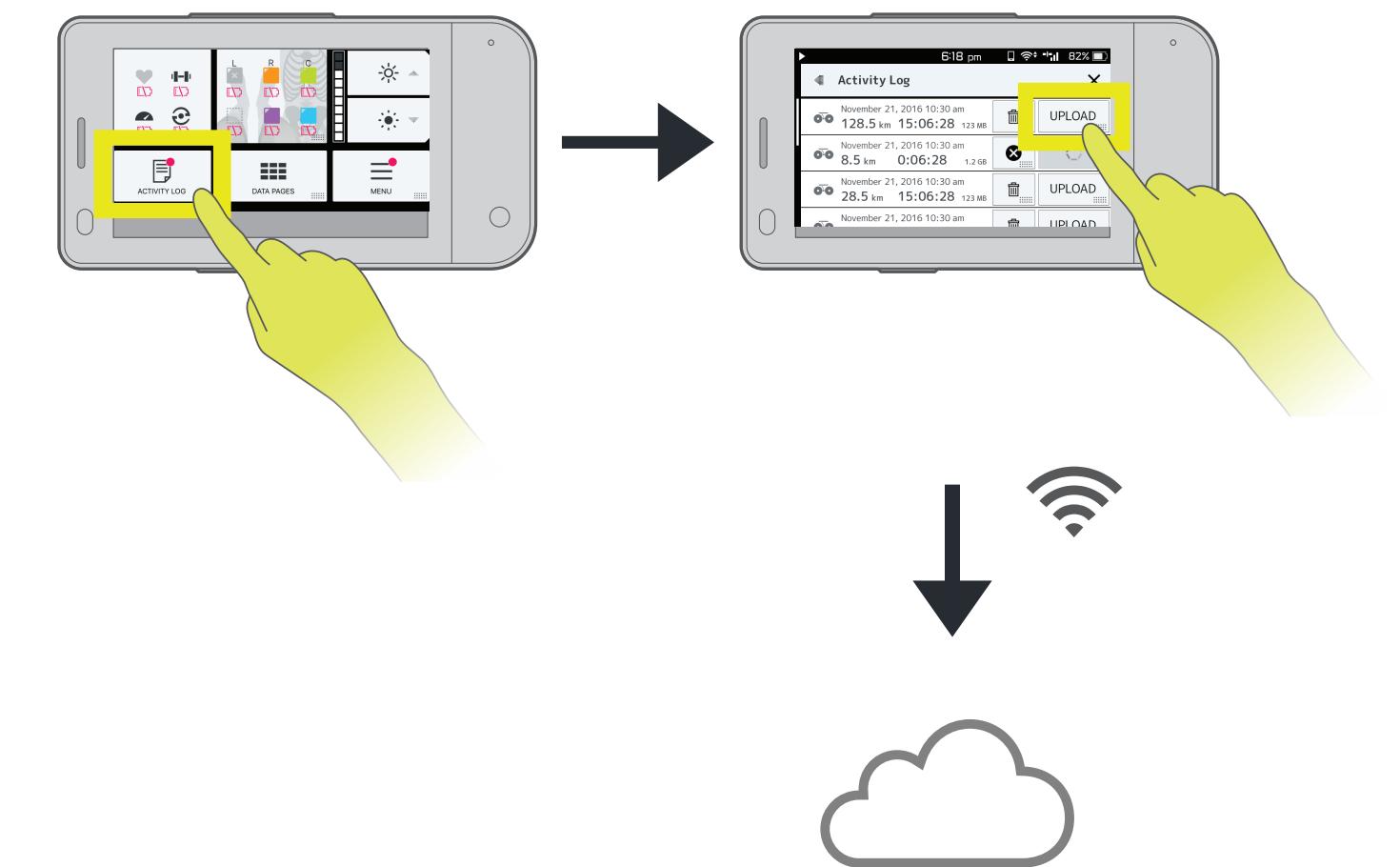
FINISHING AN ACTIVITY

PAUSE

FINISH
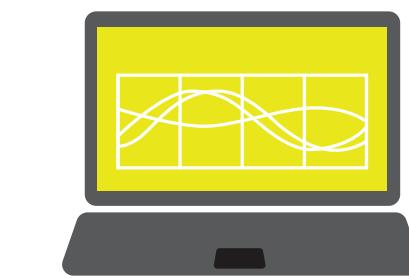
3 UPLOAD ACTIVITY

Upload your activities via Wi-Fi directly from the TYPE-S to the cloud from Quick Menu > Activity Log. Note that the TYPE-S does not upload activities via Bluetooth or USB.

4 ANALYZE DATA ON WEB APP
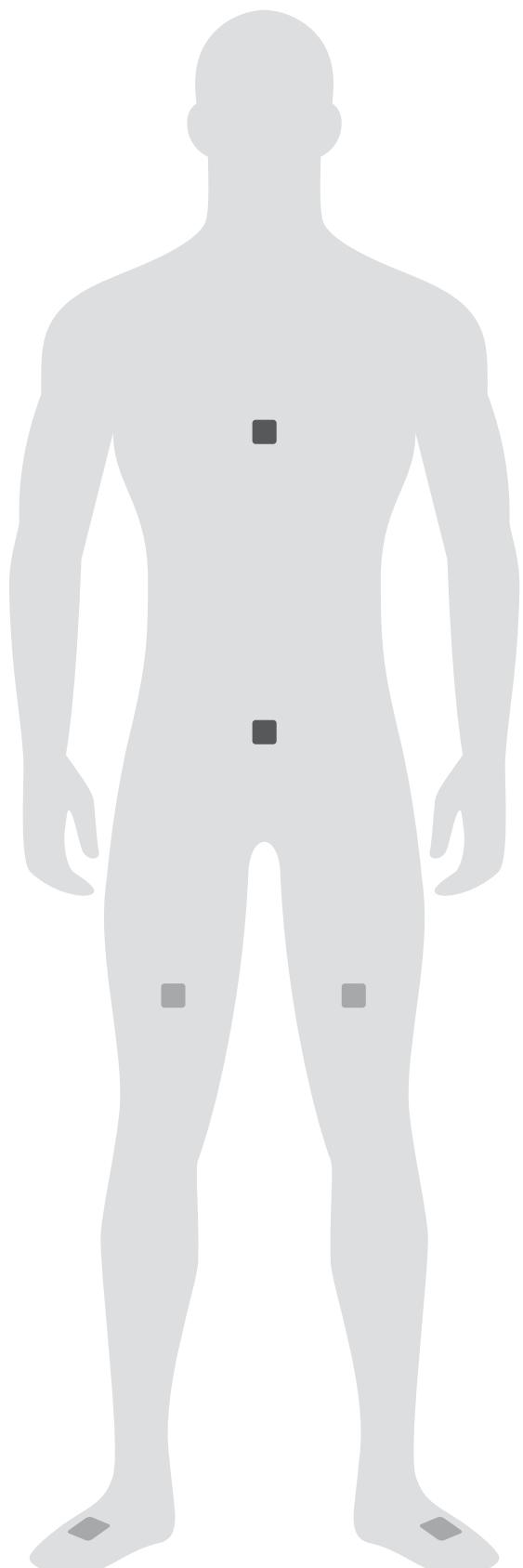
http://app.leomo.io

Match your LEOMO Motion Sensor's color to the assigned location on your body. For example, if you have assigned the orange sensor as the RT (right thigh) sensor, place the orange sensor on your right thigh.

LEOMO Motion Sensors may be placed in any direction and will automatically adjust to real-world XYZ coordinates.

To check what color is assigned to what location, go to Quick Menu > Menu > Motion Sensors > Assign Sensor Locations.
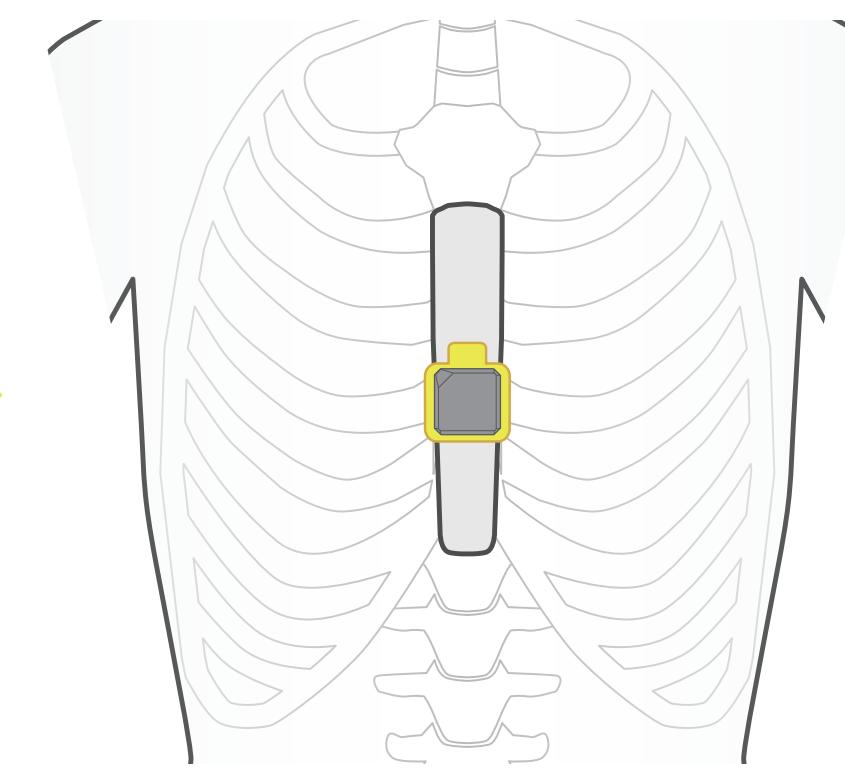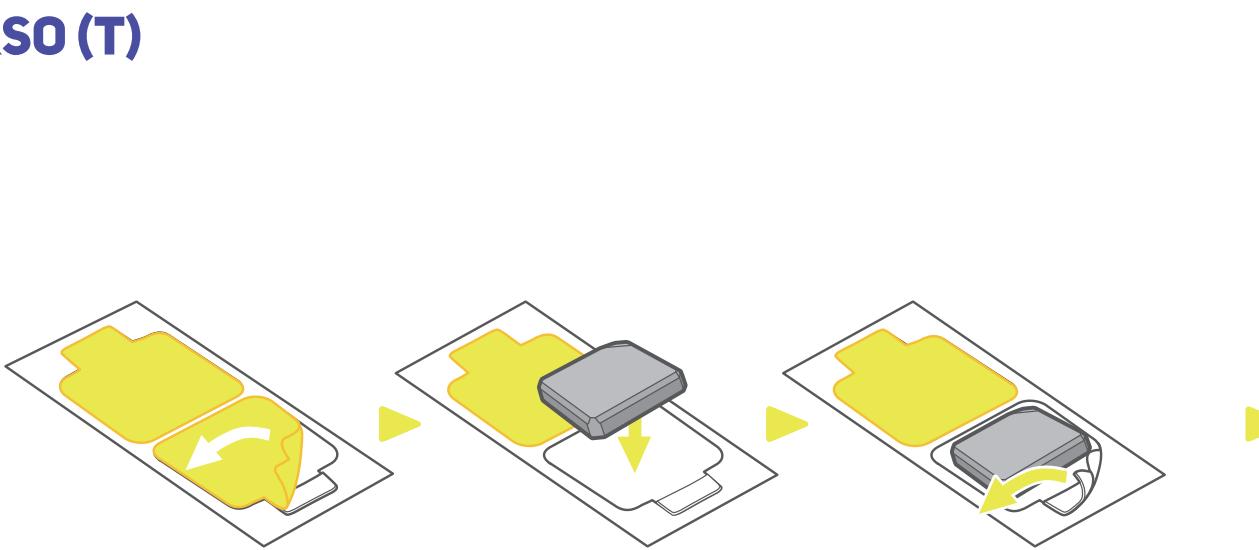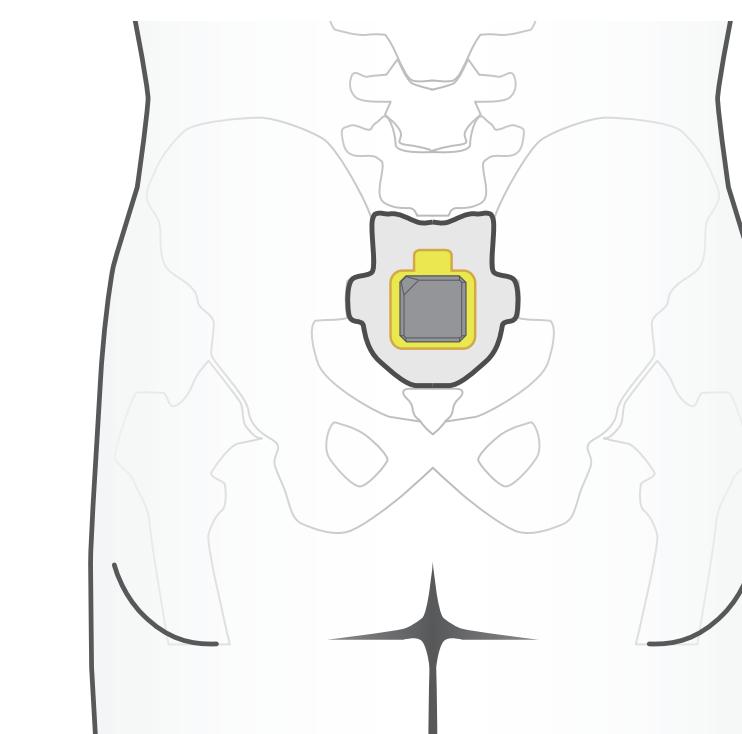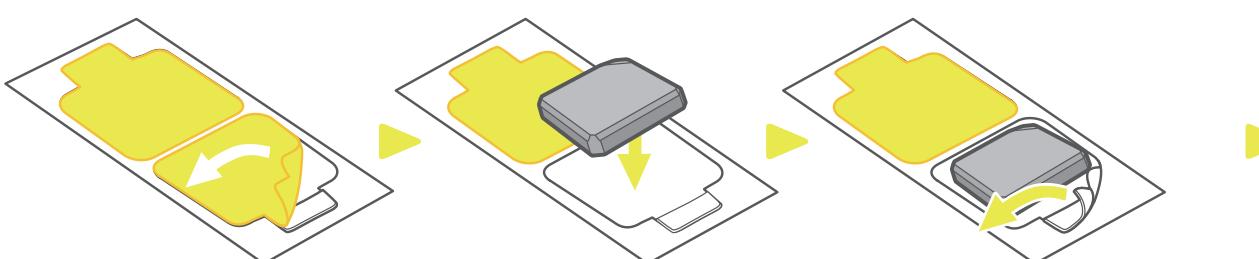
TORSO

SACRUM

THIGHS

FEET

TORSO (T)

SACRUM (S)

NOTE
• sacrum can be found right above the tailbone.
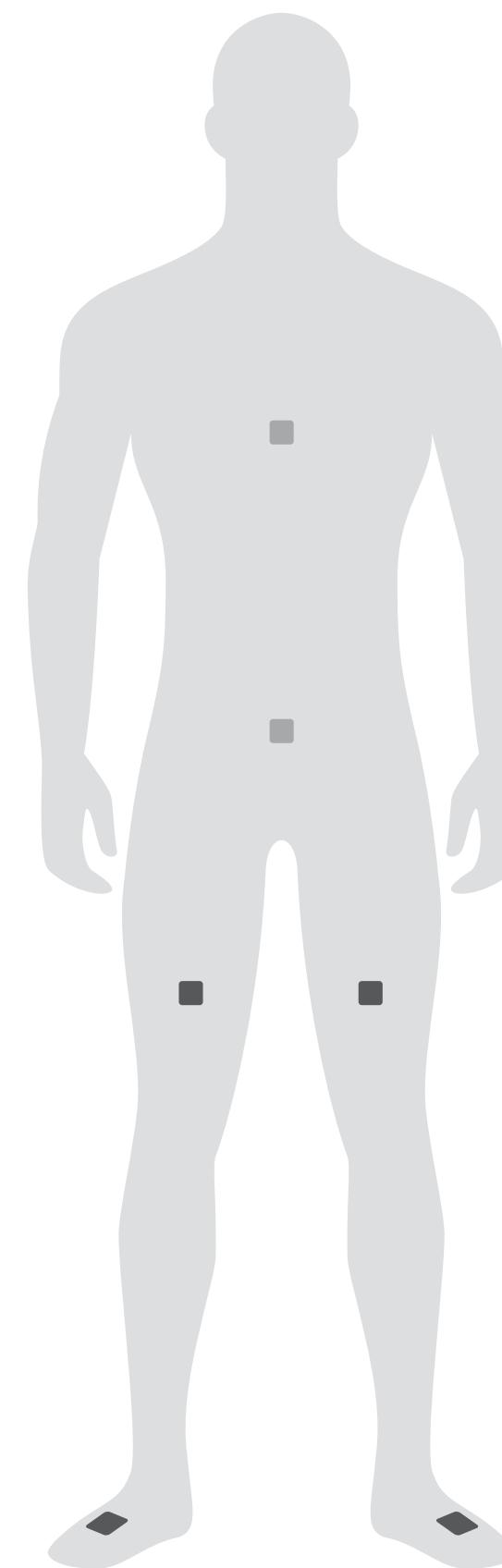
⚠ WARNING!

Adhesives should always be used with all torso, sacrum, and thigh sensors. Failure to use adhesives could result in serious injury.

LEOMO

Match your LEOMO Motion Sensor's color to the assigned location on your body. For example, if you have assigned the orange sensor as the RT (right thigh) sensor, place the orange sensor on your right thigh.

LEOMO Motion Sensors may be placed in any direction and will automatically adjust to real-world XYZ coordinates.

To check what color is assigned to what location, go to Quick Menu > Menu > Motion Sensors > Assign Sensor Locations.
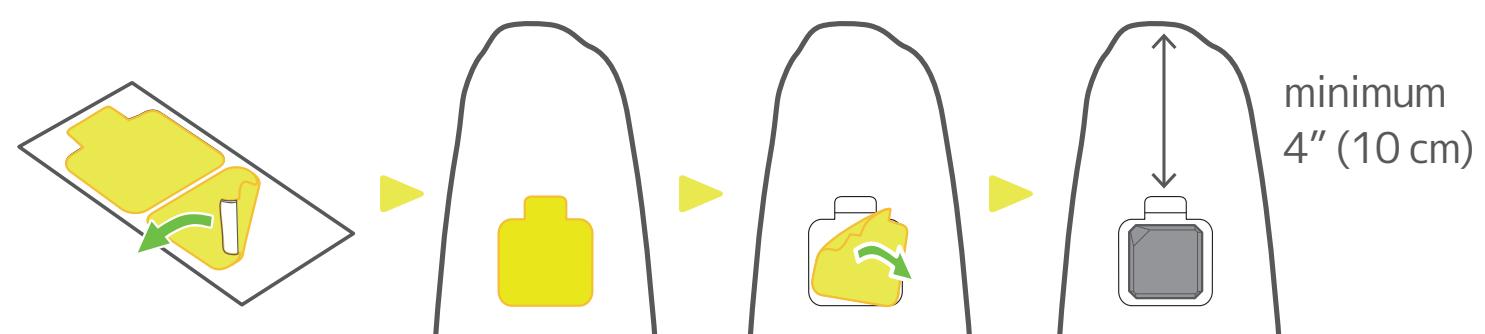
TORSO

SACRUM

THIGHS

FEET

THIGH (RT AND LT)
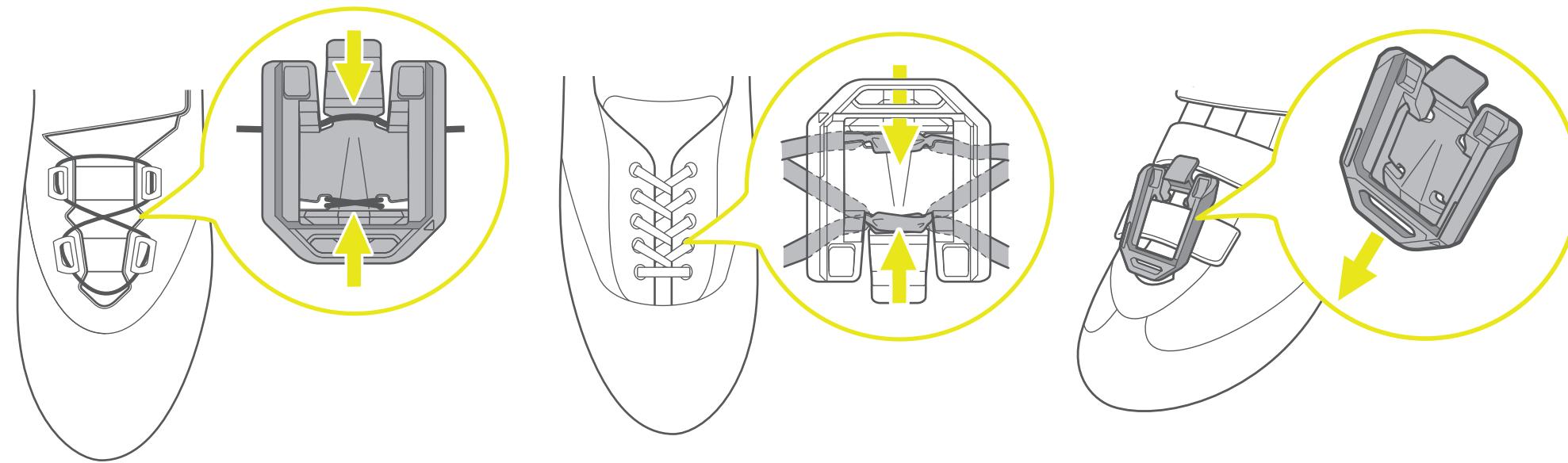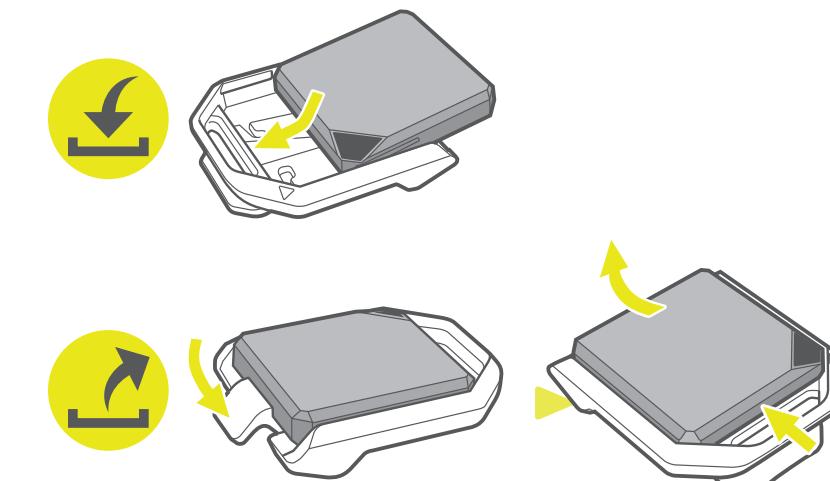
Horizontal offset will not affect readings.
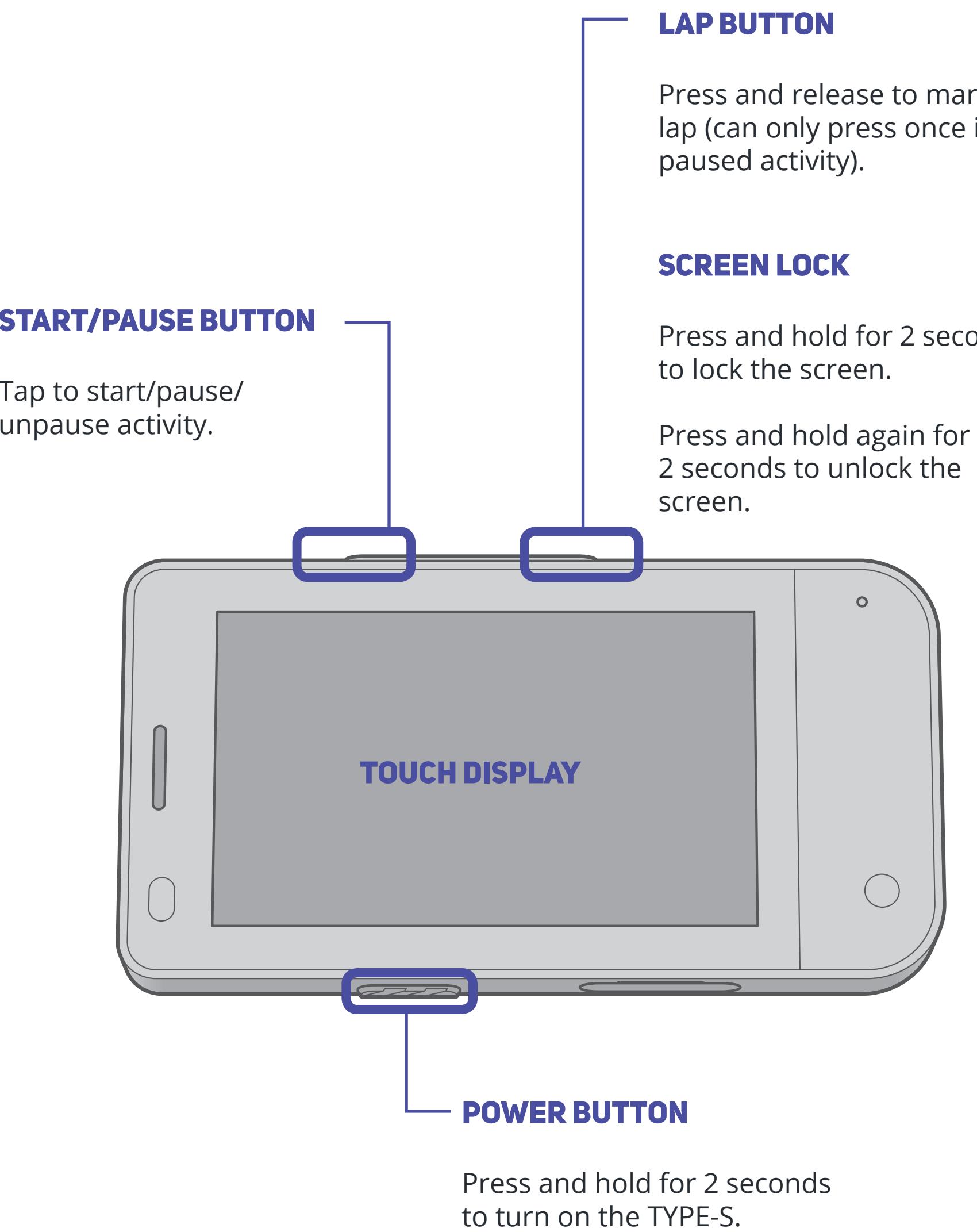
minimum 4" (10 cm)

⚠ **WARNING!**

Adhesives should always be used with all torso, sacrum, and thigh sensors. Failure to use adhesives could result in serious injury.

THIGH (RT AND LT)

CONTROLS

LAP BUTTON

Press and release to mark lap (can only press once in a paused activity).

SCREEN LOCK

Press and hold for 2 seconds to lock the screen.

Press and hold again for 2 seconds to unlock the screen.

START/PAUSE BUTTON

Tap to start/pause/ unpause activity.

TOUCH DISPLAY

POWER BUTTON

Press and hold for 2 seconds to turn on the TYPE-S.

BATTERY STATUS

TYPE-S

Not charging
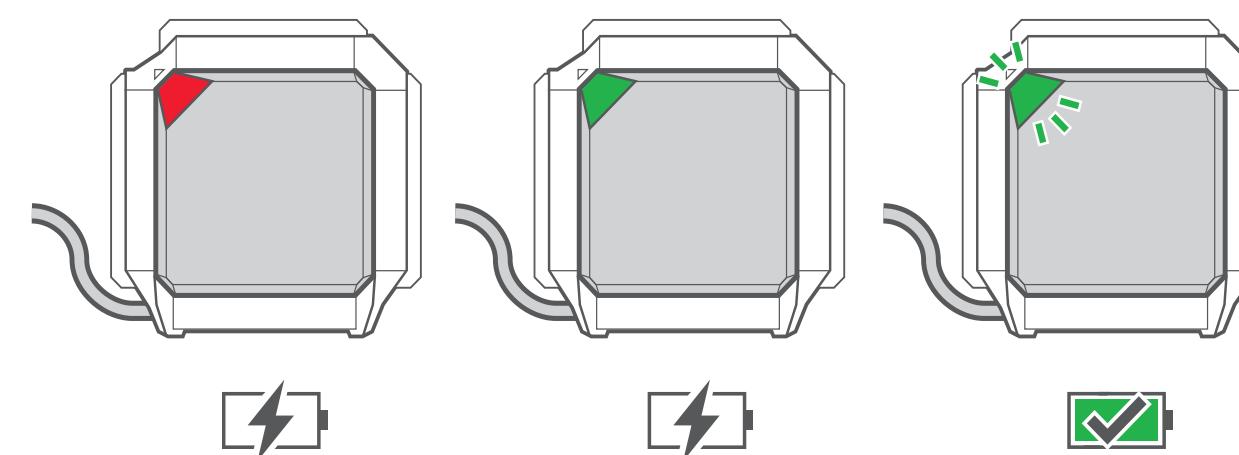
- OK (15-100%)
  100% 🔋
- Warning (6-14%)
  14% 🔋
- LOW (0-5%)
  LOW 🔋

Charging

- Finished Charging
  100% 🔋
- Charging (6-100%)
  15% ⚡
- LOW (0-5%)
  LOW ⚡
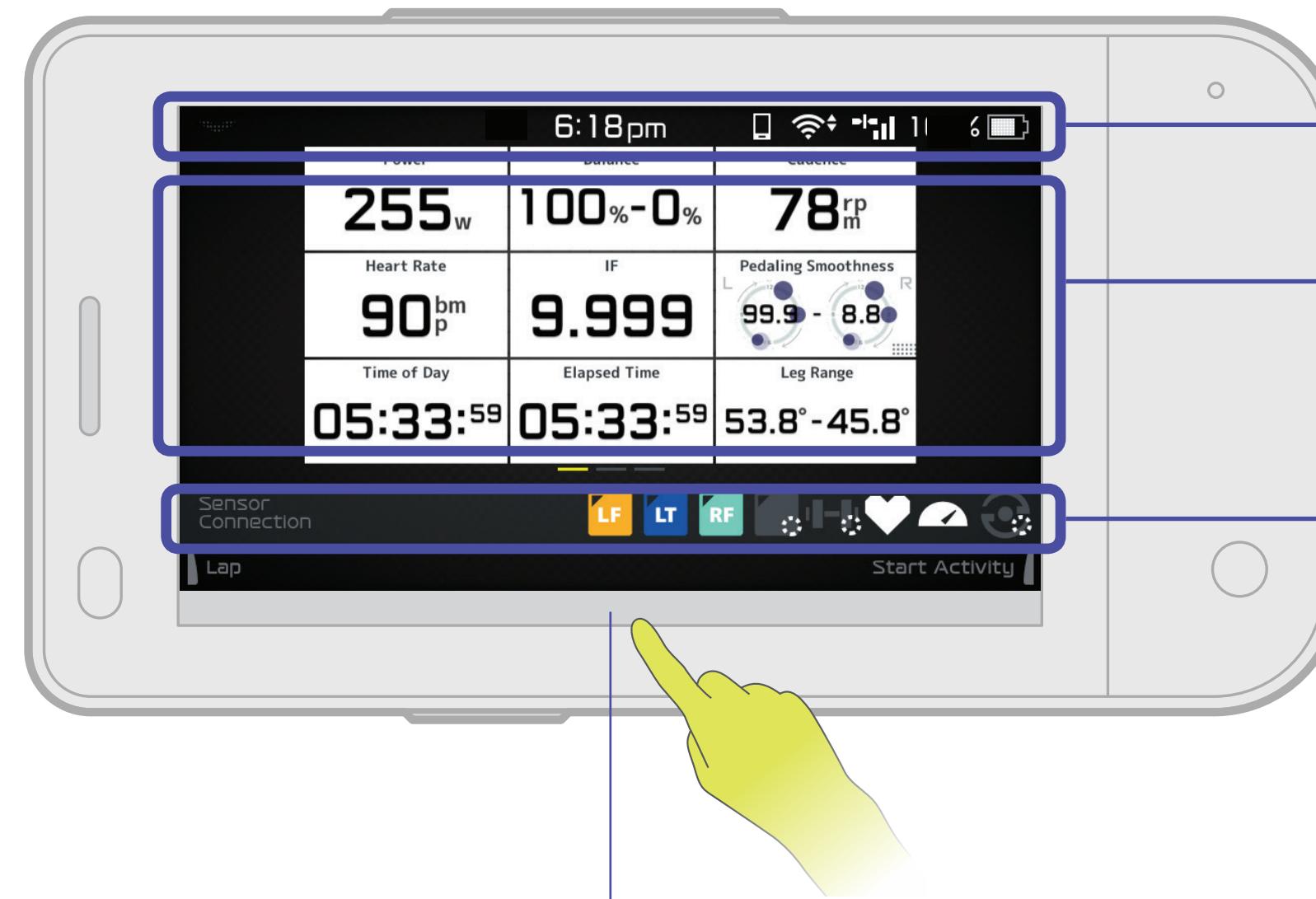
- Check the TYPE-S battery status on the LEOMO app status bar.

LEOMO MOTION SENSORS

- Charging (0-20%): Red LED
- Charging (20% - 100%): Green LED
- Finished Charging: Blinking green LED
- Note: When the LEOMO Motion Sensors are connected to the TYPE-S, their assigned location color will take precedent over their charging color.

HOME SCREEN

STATUS BAR
See the next page.

DATA PAGES
Data pages can be customized though the **LEOMO app.**
Swipe left / right to change pages.
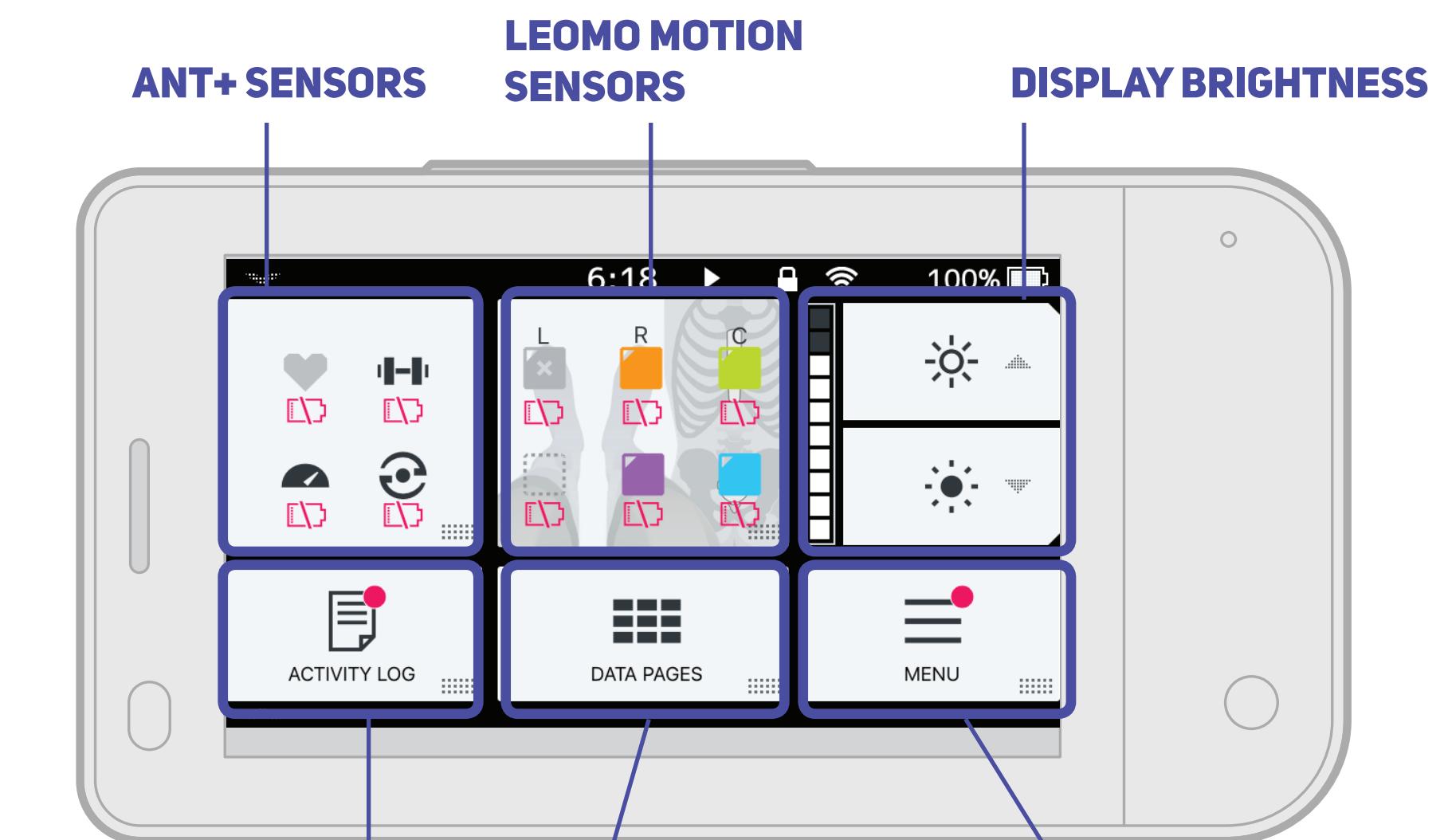
PAIRED SENSORS CONNECTION STATUS
Paired LEOMO Motion Sensors and ANT+ sensors (power meters, heart rate sensors, speed sensors, and cadence sensors) will show here. Disconnected sensors will show as a dark grey icon. Connected ANT+ sensors will be white. Connected LEOMO Motion Sensors will show assigned color and location:

- LF = Left foot
- RF = Right Foot
- LT = Left Thigh
- RT = Right Thigh
- S = Sacrum
- T = Torso
- Empty = Connected but not assigned (will not record data)

Swipe up from the bottom of the screen to access **quick menu**.

QUICK MENU SCREEN

ANT+ SENSORS
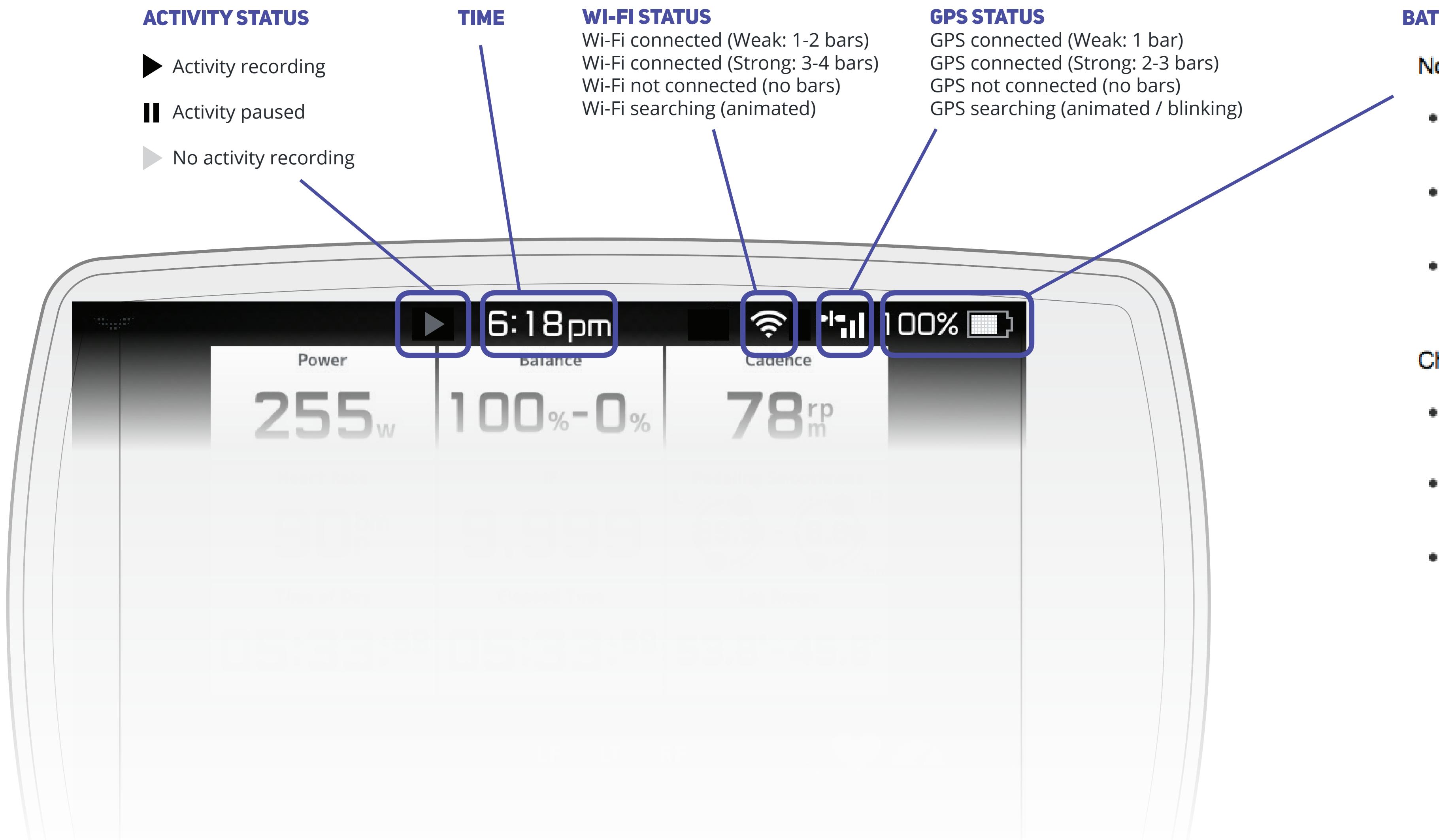
LEOMO MOTION SENSORS

DISPLAY BRIGHTNESS
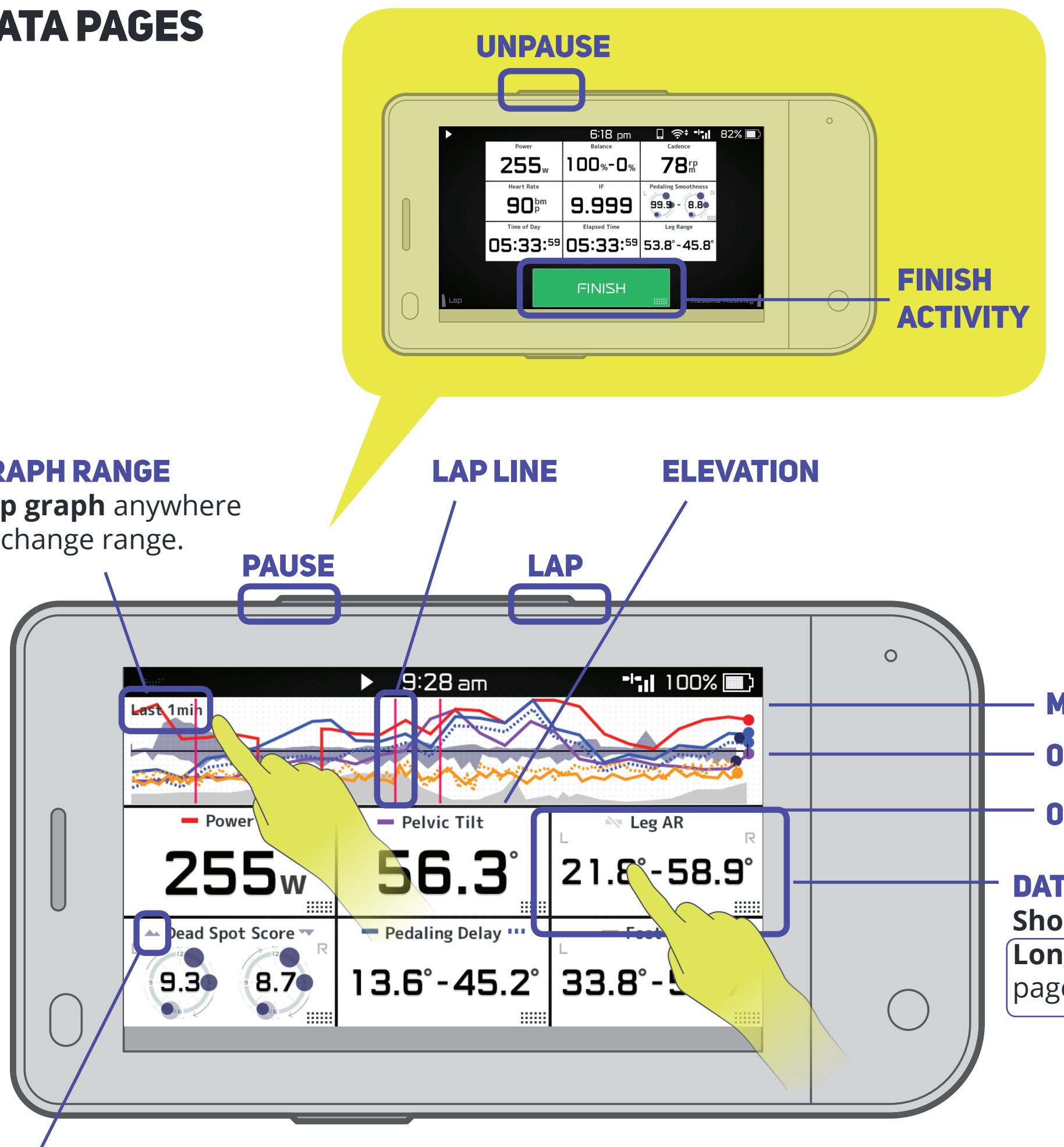
ACTIVITY LOGS

CLOSE QUICK MENU

MENU

STATUS BAR

ACTIVITY STATUS

▶ Activity recording

❚❚ Activity paused

▷ No activity recording

TIME

WI-FI STATUS
Wi-Fi connected (Weak: 1-2 bars)
Wi-Fi connected (Strong: 3-4 bars)
Wi-Fi not connected (no bars)
Wi-Fi searching (animated)

GPS STATUS
GPS connected (Weak: 1 bar)
GPS connected (Strong: 2-3 bars)
GPS not connected (no bars)
GPS searching (animated / blinking)

BATTERY STATUS

Not charging

- OK (15-100%)
  100% 🔋

- Warning (6-14%)
  14% 🔋

- LOW (0-5%)
  LOW 🔋

Charging

- Finished Charging
  100% 🔋

- Charging (6-100%)
  15% ⚡

- LOW (0-5%)
  LOW ⚡

Power
255w

Balance
100%-**0**%

Cadence
78rpm

▶ 6:18pm 📶 📶 100% 🔋

LEOMO

DATA PAGES

UNPAUSE

FINISH
ACTIVITY

GRAPH RANGE
Tap graph anywhere
to change range.

LAP LINE

ELEVATION

PAUSE

LAP

MAX POINT (SCALED)

0 FOR "BALANCE" VALUES

0 / MIN POINT (SCALED)

DATA BOX
Short press - turn graph on/off
Long press - open detailed data
page

Power 255w

Pelvic Tilt 56.3°

Leg AR 21.8° - 58.9°

Dead Spot Score 9.3 8.7

Pedaling Delay 13.6° - 45.2° 33.8° - 5

GRAPH ICON
graph type (standard
or balanced), graph
color, graph on/off
status

DATA DETAIL PAGE (MPIs ONLY)

PAUSE

LAP

CURRENT
VALUE

5 MIN
AVERAGE

CLOSE

Last 5m 00:12:34

L

R

45.3 46.9

avg 24.9 avg 03.2
5m 5m

Last 30min

The LEOMO app provides the MENU button for the following configurations and customization of the TYPE-S.
The MENU button is shown on the quick menu screen. Swipe up from the bottom of the screen to display the quick menu.

MENU
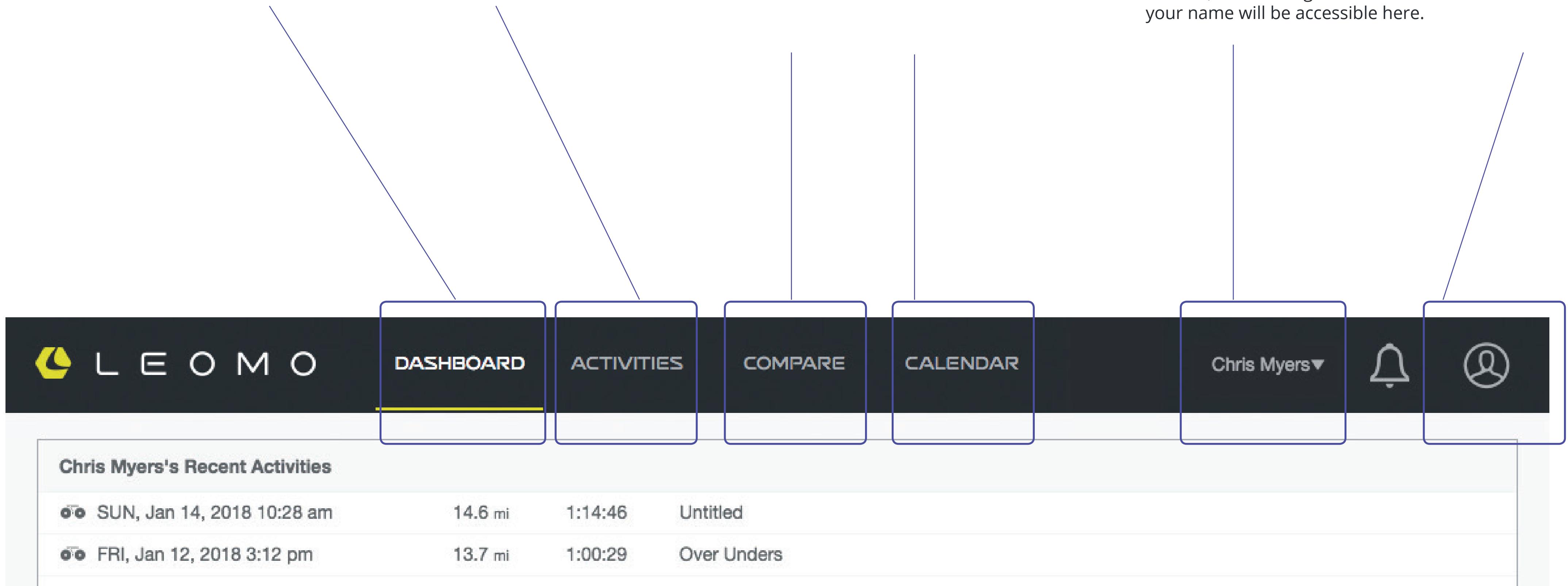
- Add, remove, and configure LEOMO Motion Sensors
- Add, remove, and configure ANT+ sensors
- GPS on/off
- Data page layouts
- FTP, Power Zones, etc
- Time, date, and unit formats
- Account information*

* You must have your LEOMO account when uploading your activities. It can be created in advance by tapping MENU > Account >Create LEOMO Account.

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LEOMO WEB APP

HEADER

DASHBOARD

Display summary of athlete's data.

ACTIVITIES LIST

Show list of athlete's activities.

COMPARE

Compare athlete's activities data.

CALENDAR

Display Athlete's activities in a calendar format.

ATHLETE

Indicate current athlete. If you are a coach, athletes registered under your name will be accessible here.

ACCOUNT

Bring up your account information.

DASHBOARD | ACTIVITIES | COMPARE | CALENDAR | Chris Myers▼
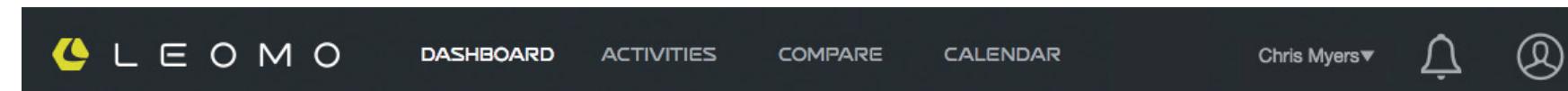
Chris Myers's Recent Activities
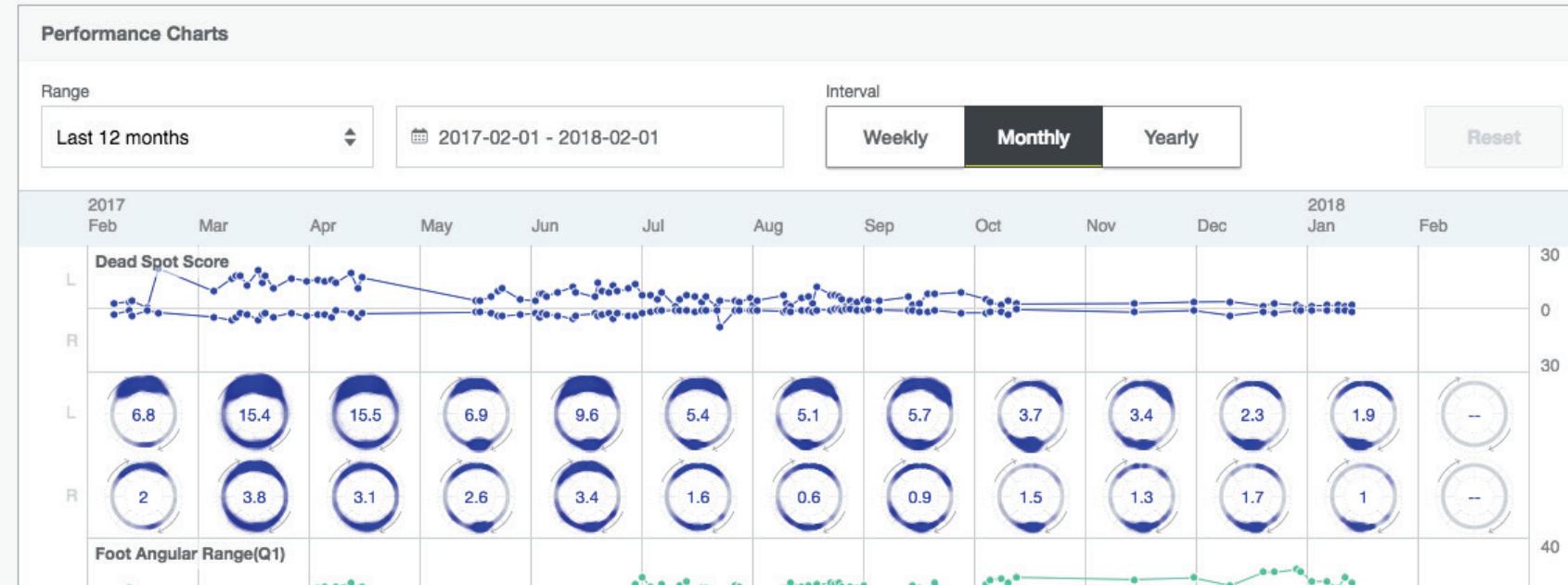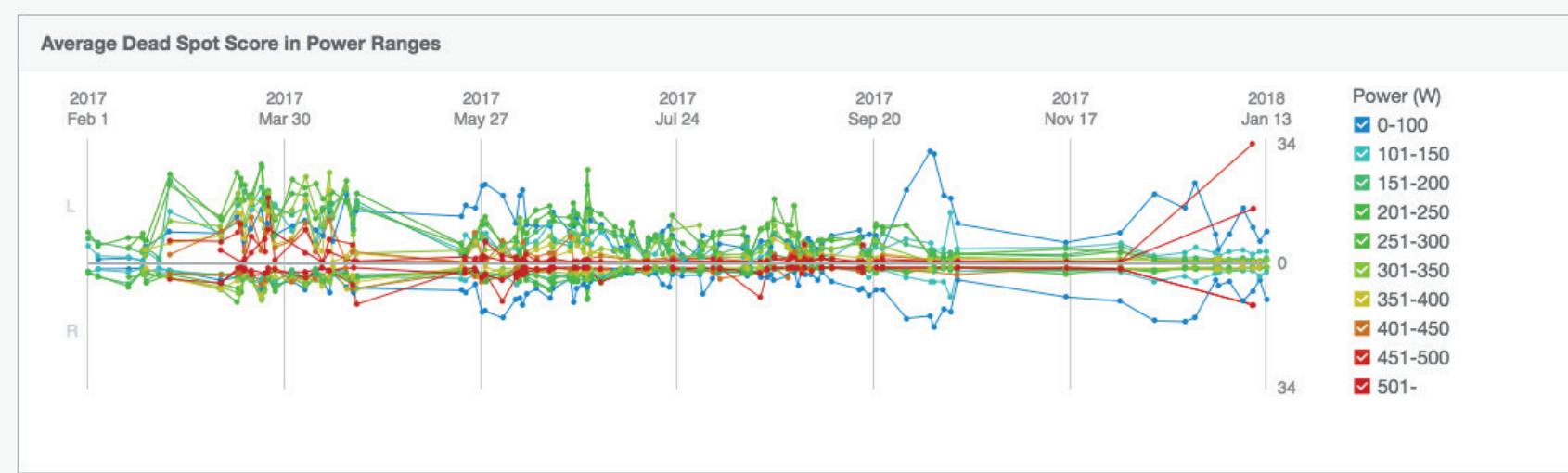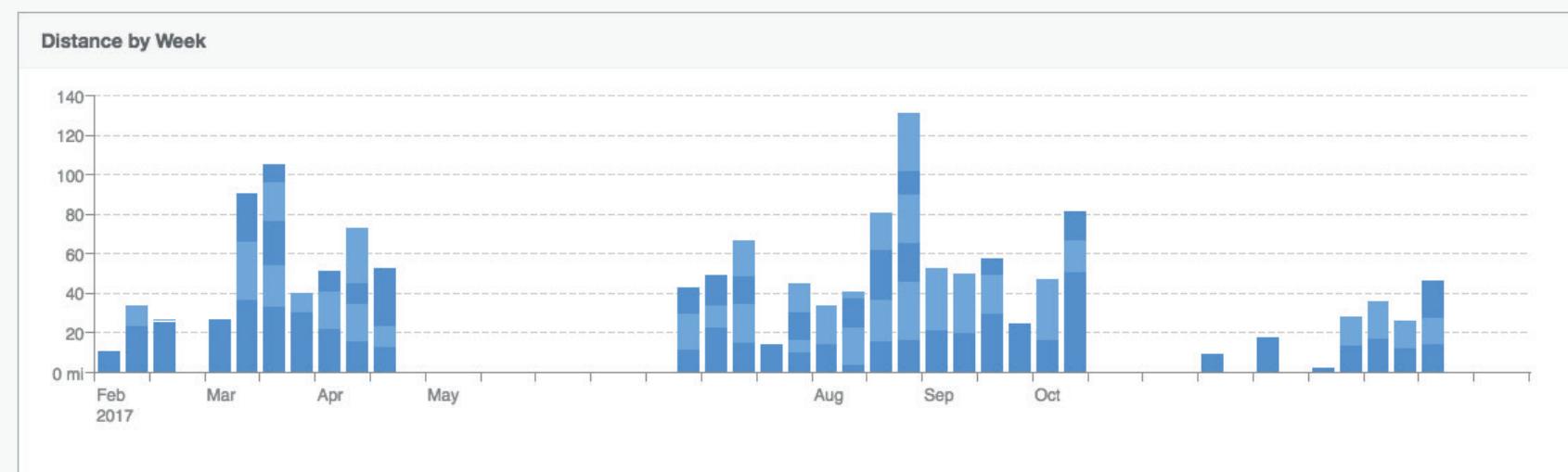
SUN, Jan 14, 2018 10:28 am	14.6 mi	1:14:46	Untitled
FRI, Jan 12, 2018 3:12 pm	13.7 mi	1:00:29	Over Unders

DASHBOARD

RECENT ACTIVITIES

List of your (and if you're a coach, your athlete's) activities.

DISTANCE TRAVELED

Distance traveled per week for one year.

MPIs SUMMARIES

Summaries of all motion data types.

ACTIVITIES

ACTIVITY LIST

List of all activities.

ACTIVITY SETTINGS

ACTIVITY SUMMARY

Summary of this activity.
All owners can edit the "Title" and "notes" section by clicking on it. Make sure to save your notes when done. You can also share / export / delete the actiivity data from **Activity Settings**.

ACTIVITY TITLE

ACTIVITY NOTES

MAP

GPS data of your activity.

ANT+ SENSOR AND GPS GRAPH DATA

Collected data from connected ANT+ sensors and GPS.

SINGLE GRAPH FOR MULITPLE APIs

Single graph for multiple APIs

LEOMO

MOTION SENSOR GRAPH DATA

L and R data collected from connected motion sensors.

PEDAL STROKE INTELLIGENCE (PSI)

Cross analysis of power, cadence, and dead spot score.

PCD MAP

Maps power / cadence combinations that has the most dead spot scores. Higher opacity means more strokes in that combination. Hover your mouse over each cell to show **stroke count with DDS / total stroke count.**

RANGE DETAILS

Details for laps / ranges in the activity.
- Tap on a range to zoom into selected range in the above graphs.
- Select a range in the graphs above and tap "+" on "selected range" to save range.