Troubleshooting Guide

Version 1.00.00.01

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SECTION 01: General Instructions
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I. Registering and Setting Up Bryton Active

The Bryton Active app allows users to easily keep track of workouts and history, automatically Sync Tracks, set up Smart Notifications*, personalize workouts, customize settings/data grid in real-time*, plan routes*, plan workouts*, sync Tracks with Strava/TrainingPeaks/Selfloops, and sync routes with Strava/Komoot/RideWithGPS*. The app enables users to record their workout data, view in-depth information about their rides and share that information with other apps!
(*for compatible models)

In order to Set up Bryton Active, please follow the following steps:

1. Download and install the Bryton Active app from the Play Store or iOS Marketplace
 - Play Store Link:
https://play.google.com/store/apps/details?id=com.brytonsport.active&hl=en
 - iOS App Store Link: https://apps.apple.com/us/app/bryton-active/id1448328800

2. Open the Bryton Active App and select "Sign Up" (if you already have a Bryton Active Account, proceed to step #5).

3. Read the Bryton Privacy Policy and select "Agree". Then input the desired login email address and password and press "Sign Up".

4. A confirmation link will be sent to the provided email address. (Please be sure to check the "Spam" folder). Once the email is received, click the link to verify the email address, open the Bryton Active app and proceed to the login process.

5. Select Login and fill in the login email address and password.

6. After logging in for the first time, proceed to the "Settings" tab.

7. Choose "Device Manager" (ensure that both location service and Bluetooth are activated on your smartphone) and press the green (+) add button.

8. After scanning for nearby devices, select the desired device and ensure that the UUID matches both on the app and the device.

A. Troubleshooting

1. Verification Email Not Received

If you are unable to receive a verification email, please be sure to check your SPAM folder. If after checking your SPAM and TRASH folders you are still unable to receive the account verification email, please contact support_us@brytoncorp.net and describe the issue, including your Bryton Active account email address as well as screenshots of any errors that may appear.

2. Verification Link Does Not Work

After receiving a verification email from Bryton Sport, if you receive an error or are unable to open the link, please ensure that your web browser does not have any pop-up blockers enabled and try again. If the link still does not work, please try to log directly into your Bryton Active account using your credentials as the link still may have successfully verified your account. If you are unable to log in successfully, please contact support_us@brytoncorp.net and describe the issue, including your account email address as well as screenshots of any errors that may appear.

*If you are still receiving errors or are unable to log in successfully to your Bryton Active Account, please send an email to support_us@brytoncorp.net including your login email address and a screenshot of any errors that appear.

II. Add Device to Bryton Active

Before adding a device to Bryton Active, please ensure that you have the most up-to-date application version.

1. Open the Bryton Active app and ensure that BOTH Bluetooth AND Location/GPS are activated on your phone.
2. Power on your Bryton Device. Your device must remain powered on for the remainder of the steps.

3. Navigate to the "Settings" tab of Bryton Active and select Device Manager.

4. In Device manager, press the (+) button in the top right corner

5. Find your device on the list of available devices and press the corresponding green (+)

III. Firmware Updates

A. Update Via Bryton Update Tool (All Models)

In order to update the firmware of your Bryton Device, please download and install the Bryton Update Tool and, using the device's original USB cable, plug the device into your PC and use the tool to search for updates.

Bryton Update Tool Link: https://www.brytonsport.com/#/supportResult?tag=BrytonTool
*Not Compatible with: Rider 60, 50, 40, 35, 30, 21, 20+, 20 and Cardio 60, 40, 35, 30

B. Update Via WiFi

In the device's menu, select "Data Sync". If a WiFi network has not already been added to the device, you will be prompted to select an available network. After selecting the network, use the device keys to input the password and select the "✓" [Check Mark] option to submit (alternatively, for compatible devices, the WiFi network can be added using the Bryton Active app under the "Settings" tab).

*Only for compatible models

C. Update Via Bryton Active App

Connect the App-Update compatible device to the Bryton Active App. Allow the device to remain connected to the app for some time (the firmware update will download and send to the device in the background). Once download and transfer is complete, the device will automatically be updated.

*Only for compatible models

IV. Smart Notification Setup

Follow the directions below to enable/disable Smart Notifications on your Smart Notifications-compatible Bryton device. Also please ensure that you do not have both the Bryton Active app and previous Bryton App installed on the phone.

A. Setup Smart Notifications - Bryton Active App

1. Ensure that both Location/GPS and Bluetooth are turned on

2. Open the Bryton Active app and in the "Settings" tab select "Notification" (For Android*, please follow the app prompt to enable notification access or steps below before moving on to the next step)

3. Select the notifications you would like to enable/disable on your device. Please ensure the corresponding system apps are also enabled/disabled (e.g. "Text Messages" & "Messages" for some Android phones)

*Android:
1. Go to Phone Settings and select "Apps"
2. Select Menu/Options in the top right of the screen (may be different in some Android phones)
3. Select "Special Access"
4. Select "Notification Access"

5. Enable Active
6. Restart App

B. Enable/Disable Smart Notifications from Device*

1. In your device, navigate to: [Menu] > Settings > General > Bluetooth > [Notification]
2. Select On/Off

*Rider One/10/15 units require Smart Notifications to be enabled/disabled through the Bryton Active app. Please see Bryton Active app smart notifications setup for instructions.

V. Creating a Route in Bryton Active

Please Ensure your Bryton Device is compatible with the Follow Track features and is also powered on and paired with the Bryton Active app before beginning:

1. In the "Course" tab of the Bryton Active app, select "Plan Trip".

2. Determine the type of route you would like to take in the drop-down menu (MTB, Cycling, etc). *It is important to determine the type of route before moving on. Once selected, it cannot be changed in the current route planning.

3. Select a starting point either by pressing a point on the map or by pressing the left (<) arrow button and inputting an address.

4. Subsequent waypoints/end points can be added using the above method. If a point needs to be deleted, press the left (<) arrow button and press the (X) button next to the waypoint. Waypoints can also be moved by holding the list items and moving them up/down.

5. Once finished planning the trip, press the upload button in the top right corner of the app. Name the route (this name cannot be modified later) and press upload.

6. If you are using a Rider 330/530 computer, perform a WiFi Data Sync on the device to synchronize this route. Afterwards, please continue to Step 9. If you do not have a Rider 330/530, please continue to step 7.

7. In order to send this route to a compatible device, return to the "Course" tab and select "My Route". The previously created route should appear in this list.

8. Press the desired route and then press the send to device icon in the top right of the app. (Please note that it may take a few minutes to send the route to the device depending on size and complexity).

9. After sending the route to the device, it can be found in the device menu under "Follow Track">"View".

VI. Add POI / Peak Data to Follow Track

Before attempting to upload a Route to your device or add POI information to an existing Route, please ensure that your device is compatible with this feature. Also ensure that you have already imported a route or planned a trip and that it appears in "My Route".

1. In Bryton Active, navigate to the "Course" tab and select "My Route"
2. Find the route you would like to add POI/Peak information to
3. After opening, press the POI tab on the left of the screen.
4. Select "Add POI" and select the category of POI or Peak to add
5. Once the type is selected, use the slider near the bottom of the screen to move the POI location to a point on your route
6. When the POI has been successfully placed, press the "Save POI" button in the top right corner of the screen and name it
7. Additional POIs can be added following the steps above
8. Once finished, exit this section or press the upload button in the top right corner to upload this route with POI information to your device

A. Add POI/Peak Field to Data Page

Using Bryton Active
1. With your device powered on, open Bryton Active app and navigate to the Settings tab
2. Select "Grid Settings" and choose the data page you would like the data to appear on
3. After selecting the desired number of fields, press the area where you would like to add the field
4. Under the category "Follow Track", select the desired data field and press done

Using Device Menu
1. With the device powered on, navigate to: Menu > Settings > Ride Config./Exercises > Data Page > Data Page
2. Select the data page you would like to add the field and press OK
3. Select the number of fields you would like to appear on this page and press OK
4. Choose the desired location on the data page and press OK
5. Scroll to the category "Follow Track" and select the Follow Track / POI field you would like to appear on your data page and press OK.

VII. Enable Route Auto Sync for Komoot / Strava / Ride with GPS / Relive

Before enabling Strava/Komoot/RideWithGPS/Relive Auto Sync, please ensure that your device is compatible with this feature and has already been synced and is currently connected with Bryton Active. Please contact support_us@brytoncorp.net if you have any questions.

In order to enable Komoot/Strava/RideWithGPS/Relive Route Auto Sync, follow the instructions provided below:

1. Open the Bryton Active App and Navigate to the "Course" tab
2. Toggle Strava/Komoot/RideWithGPS/Relive
3. You will be prompted to login to your Strava/Komoot/RideWithGPS/Relive account. Input your login information to proceed or choose "Create Account"
4. After logging in, select "Allow"
5. Komoot/Strava/RideWithGPS/Relive should now be enabled. Please note that it may take a few minutes for your routes to populate in "My Routes"
6. If the routes do not appear, under my routes, press the filter button in the top right corner and select All/Komoot/STRAVA/RideWithGPS/Relive

Only new rides will sync to Strava/Komoot/RideWithGPS/Relive, routes that have already been synced to Bryton Active will not auto sync to Strava/Komoot/RideWithGPS/Relive and must be manually uploaded on their respective sites. If new routes do not appear after an hour, please contact support_us@brytoncorp.net

*Please note: Enabling Strava Route Auto Sync will also enable Strava Auto Sync.

VIII. Enable Strava Auto Sync

In order to enable Strava Auto Sync, please follow the instructions below:
1. Open the Bryton Active App and click on the "Profile" tab
2. Select "3rd Party Account Link"
3. Select "Strava"
4. Enable "Strava Auto Sync"
5. If you have not already enabled "Strava Auto Sync", you will be prompted to log in. Follow the instructions in the app and ensure that "Strava Auto Sync" is enabled afterwards.

After enabling "Strava Auto Sync", Bryton Active will only upload NEW rides to Strava (ones that are synced with Bryton Active after this is enabled). If you would like to sync rides that are already saved on your device or if after syncing device with Bryton Active the rides do not appear on Strava within an hour, please follow the instructions below:

1. Using the original USB cable, plug the Bryton device into your PC.
2. In the main Bryton directory/folder, locate the file(s) that were unable to sync (these files will be in .fit format). To easily locate the ride, sort files by Date.
3. After finding the file(s), navigate to https://www.strava.com/upload/select in your web browser

4. Select the files you would like to sync and choose Upload

It may still take a few minutes for the rides to appear on Strava. If the rides still do not appear in the list of activities or if you get a "fail" notification, please contact support_us@brytoncorp.net

*Please note: Enabling Strava Auto Sync will also enable Strava Route Auto Sync.

IX. Enable TrainingPeaks Auto Sync

In order to enable TrainingPeaks Auto Sync, please follow the instructions below:
1. Open the Bryton Active App and click on the "Profile" tab
2. Select "3rd Party Account Link"
3. Select "TrainingPeaks"
4. Enable "TrainingPeaks Auto Sync"
5. If you have not already enabled "TrainingPeaks Auto Sync", you will be prompted to log in. Follow the instructions in the app and ensure that "TrainingPeaks Auto Sync" is enabled afterwards.

After enabling "TrainingPeaks Auto Sync", Bryton Active will only upload NEW activities to TrainingPeaks (ones that are synced with Bryton Active only after this is enabled). If you would like to sync rides that are already saved on your device or if after syncing device with Bryton Active the rides do not appear on TrainingPeaks within an hour, please follow the instructions below:

1. Using the original USB cable, plug the Bryton device into your PC.
2. In the main Bryton directory/folder, locate the file(s) that were unable to sync (these files will be in .fit format). To easily locate the ride, sort files by Date.
3. After finding the file(s), navigate to the TrainingPeaks website in your web browser
4. Select the files you would like to sync and choose Upload

It may still take a few minutes for the activities to appear on TrainingPeaks. If the activities still do not appear in the list of activities or if you get a "fail" notification, please contact support_us@brytoncorp.net

X. Enable Selfloops Auto Sync

In order to enable Selfloops Auto Sync, please follow the instructions below:
1. Open the Bryton Active App and click on the "Profile" tab
2. Select "3rd Party Account Link"
3. Select "Selfloops"
4. Toggle "Selfloops Auto Sync"
5. If you have not already enabled "Selfloops Auto Sync", you will be prompted to log in. Follow the instructions in the app and ensure that "Selfloops Auto Sync" is enabled afterwards.

After enabling "Selfloops Auto Sync", Bryton Active will only upload NEW activities to Selfloops (ones that are synced with Bryton Active only after this is enabled). If you would like to sync rides that are already saved on your device or if after syncing device with Bryton Active the rides do not appear on Selfloops within an hour, please follow the instructions below:

1. Using the original USB cable, plug the Bryton device into your PC.
2. In the main Bryton directory/folder, locate the file(s) that were unable to sync (these files will be in .fit format). To easily locate the ride, sort files by Date.
3. After finding the file(s), navigate to the Selfloops website in your web browser
4. Select the files you would like to sync and choose Upload

It may still take a few minutes for the activities to appear on Selfloops. If the activities still do not appear in the list of activities or if you get a "fail" notification, please contact support_us@brytoncorp.net

XI. Import GPX or FIT Route to Device:

Before trying to import a GPX/FIT route, please ensure that your device is compatible with this app feature. Not all Follow Track-enabled devices can use this feature. If the option does not appear on your App, it is possible that your device does not support this feature.

A. Android:
Before trying to import a GPX or FIT file route into Bryton Active, please ensure that the Bryton Active app is running in the background and that you have already connected a Bryton device that supports this feature and that this device is powered on.

1. Download the desired GPX/FIT file to your android device. (If you already have the file downloaded, proceed to the next step).
2. Navigate to the Android file manager and locate the downloaded file.
3. Press the file and select "open with Active".
4. In the Bryton Active App, name the file and save. This route will now appear in "My Routes"

*Please note: After importing the route, the name can no longer be changed. When importing routes, results may vary.

B. iOS:
Before trying to import a GPX or FIT file route into Bryton Active, please ensure that the Bryton Active app is running in the background and that you have already connected a Bryton device that supports this feature and that this device is powered on.

1. Download the desired GPX/FIT file to your device. (If you already have the file downloaded, proceed to the next step).

2. Open the "Files" app and locate the downloaded file.

3. Press the file and select "open with Active"

4. In the Bryton Active App, name the file and save. This route will now appear in "My Routes"

*Please note: After importing the route, the name can no longer be changed. When importing routes, results may vary.

C. Upload Route to Device:

Before attempting to upload an imported Route to your device, please ensure that your device is compatible with this feature.

1. In order to send this route to a compatible device, return to the "Course" tab and select "My Route". The imported route should appear in this list.

2. Select the desired route and then press the send to device icon in the top right of the app. (Please note that it may take a few minutes to send the route to the device depending on size and complexity).

3. After sending the route to the device, it can be found in the device menu under "Follow Track">"View".

Please contact support_us@brytoncorp.net if you have any questions.

XII. Add Map to OSM Enabled Device

A. Aero 60 / Rider 450

In order to manually add a map a Bryton OSM enabled device, please follow the instructions below:

1. Download the desired map file(s) from the official Bryton Website by going to (https://www.brytonsport.com/#/supportResult?tag=BrytonTool) and click [Download] > [Map] > and then choose the map you would like to download. Please do not rename the file(s) or change the file extension(s), as this may cause errors to occur.

2. Using the Bryton device's original USB cable, plug the device into the PC and in the "Bryton" disk, navigate to [Bryton>MAP].

3. Copy the downloaded map(s) and paste in the [Bryton>MAP>Update] folder.

*If there is not enough free space on the device to add the map(s), please remove unnecessary map files.Map files are stored in the following locations: [Bryton>MAP>Update] & [Bryton>Map>Preload]. After adding the map file(s), please ensure that the device still retains at least 100MB of storage space in order to operate properly.

4. After the map file(s) has been successfully added to the device, go to the [Bryton>MAP>Data] folder and delete all of the contents and folders (these will repopulate after first map loading).

5. Unplug device and power on, allowing device to acquire satellite connection for a few minutes. The map should then successfully load and appear on the device.

B. Rider 750

In order to manually add a map to Rider 750, please follow the instructions below:

1. Download the desired map zip file from the official Bryton Website. Please unzip it. Please do not rename the file(s) or change the file extension(s) in the unzipped folder, as this may cause errors to occur.

2. Using the Bryton device's original USB cable, plug the device into the PC and in the "Bryton" disk, navigate to [Bryton>MAP].

3. Copy the unzipped folder and paste in the [Bryton>MAP>Update] folder.

*If there is not enough free space on the device to add the map(s), please remove unnecessary map folders that are stored in the following locations: [Bryton>MAP>Update] & [Bryton>Map>MapData]. After adding the map file(s), please ensure that the device still retains at least 100MB of storage space in order to operate properly.

4. After the map file(s) has been successfully added to the device, go to the [Bryton>MAP>Data] folder and delete all the contents and folders (these will repopulate after first system start-up).

5. Unplug device and power on, allowing device to acquire satellite connection for a few minutes. The map should then successfully load and appear on the device.

Using Bryton Active App

In order to import a GPX/FIT route into Bryton Active, follow the instructions provided below:

1. Download file onto phone from Website/App (please ensure the file is saved in FIT or GPX format)

2. Go to the location of the file you would like to import into Bryton Active (normally under "Downloads").

3. Press the file and when prompted to choose an app to open the file with, select Bryton Active

4. The Bryton Active app will open and prompt you to name the Route (this may take a minute). Assign a name and press "Ok" (please note that you will be unable to change the name after imported)

5. Navigate to "My Routes" in the "Course" tab

6. The route should appear in this list.

In order to sync the route with your device, ensure you are connected via bluetooth and follow the instructions below:
1. Navigate to "My Routes" in the "Course" Tab
2. Select Route you would like to Sync
3. In the top right corner, press the device icon (if the device is not connected, you will receive a notification).
4. Allow a few minutes for the route to send to the device.

In order to delete a route, please follow the instructions below:
1. Navigate to "My Routes" in the "Course" Tab
2. Press the box of the Route(s) you would like to Delete
3. Press the (X) button to the right of the route

B. Manually Add Route

If your device is incompatible with the Bryton Active Feature or if you would like to manually add a route, please follow the instructions below:
1. Connect device to PC
2. In the Bryton folder, select "Extra Files"
3. Copy and Paste the GPX tracks into this folder
4. After file(s) has copied, disconnect from PC

If the routes do not appear after an hour, please contact support_us@brytoncorp.net

XIII. Create Training in Bryton Active

Before creating/synchronizing a training from Bryton Active, please ensure that the device you are using is compatible with this feature. Although able to do workouts on the device, not all devices are compatible with this feature in the Bryton Active app. Please see the list of currently supported devices below:

A. Supported Devices
 - Rider 450
 - Aero 60
 - Rider 420
 - Rider 750

If the option does not appear in your Bryton Active app, it is possible that your device or current firmware version does not support App Trainings/Workouts. Please ensure that your device is updated and contact support_us@brytoncorp.net if you have any questions.

If the above has been verified, please follow the instructions below to create a training/workout in Bryton Active:

1. Open Bryton Active and select "Workout" in the "Course" tab

2. Select "Add" and choose which the preferred interval type. (This step can be repeated)

3. Edit the Training Plan according to the workout you would like to customize.

4. When finished modifying, create a name for the workout and press [Save] to save the workout

5. After saving, you will be brought to the Training List screen. Choose the desired training/workout and press the device icon to send the workout to your device.

6. These workouts can now be viewed in your device in the "Train&Test" section. To find this area in your device, please see the training manual / quick-start guide for more information.

XIV. Heart Rate Zone

A. MHR: Maximum Heart Rate

Maximum Heart Rate (MHR) is the upper cardiovascular limit of a given physical activity. This number is generally calculated as 220 minus your age.

B. LTHR: Lactate Threshold Heart Rate

Lactate Threshold Heart Rate (LTHR) is the point above which blood acidification will increase in the body, thereby reducing endurance performance when passing this threshold.

In order to customize heart rate zones in the Bryton Active app, navigate to the "Profile" tab and select Heart Rate Zone. The zones are determined as a percentage of MHR and can be modified (from smallest to largest) by pressing the number and using the phone keyboard to edit.

XV. Power Zone

A. FTP: Functional Threshold Power

Functional Threshold Power (FTP) is a representation of your ability to sustain the highest possible power output over 45 to 60 minutes and is calculated by taking 95% of the 20 minutes' average power. Assessment of FTP over time can be an indication of performance improvement.

In order to customize power zones in the Bryton Active app, navigate to the "Profile" tab and select Power Zone. The zones are determined as a percentage of FTP and can be modified (from smallest to largest) by pressing the number and using the phone keyboard to edit.

XVI. Sync TrainingPeaks Workout to Bryton Active

Before creating/synchronizing a training from Bryton Active, please ensure that the device you are using is compatible with this feature. Although able to do workouts on the device, not all devices are compatible with this feature in the Bryton Active app. Please see the list of currently supported devices below:

A. Supported Devices
 - Rider 450
 - Aero 60
 - Rider 420
 - Rider 750

If the option does not appear in your Bryton Active app, it is possible that your device or current firmware version does not support App Trainings/Workouts. Please ensure that your device is updated and contact support_us@brytoncorp.net if you have any questions.

If the above has been verified, please follow the instructions below to sync trainings from TrainingPeaks with your Bryton Active app:

1. Create a workout in TrainingPeaks you would like to sync with your device

2. Open the Bryton Active app and select the "Profile" tab.

3. Select "3rd Party Account Link" and choose "TrainingPeaks"

4. Toggle "TrainingPeaks Auto Sync" so that it is enabled

5. After successfully logging in, navigate to "Workouts" in the "Course" tab.

6. Choose the desired training/workout and press the device icon to send the workout to your device.

7. These workouts can now be viewed in your device in the "Train&Test" section. To find this area in your device, please see the training manual / quick-start guide for more information.

XVII. Sensors

A. Speed Sensor Setup

First-Use Setup:
Ensure that the battery tab has been removed from the battery before first use. Ensuring the back-sensor cover is in the locked position, mount or hold the sensor and put it in motion (rotating motion). On the sensor a green light should begin blinking after a few seconds.

Pairing Sensor:
In order to pair the sensor, please follow the steps below:

1. Power on Bryton device and navigate to the sensor pairing screen.

2. Select [Scan] and move/rotate the sensor to activate it (the sensor will blink green when powered on)

*When trying to pair a sensor with a Bryton device, please be sure to check the type of connection that the sensor uses and whether it is compatible with the device you are trying to pair it with (ANT+ and/or BLE). This can be found in the device user manual and on our website.

Speed Sensor Not Displaying Speed:

If after pairing a speed sensor with a compatible Bryton device, it is important to ensure that the correct speed detection priority has been set:

On Device
1. On your device, navigate to Bike Profile and select the Bike number you would like to use
2. Once a bike profile has been determined, select Speed Source and ensure that "Priority 1" is set to Speed or Speed/CAD and "Priority 2" to GPS (This will tell the device to first look for speed readings from a sensor before using a GPS reading for speed).

In App:
*Before trying to change these settings in the app, please ensure that your Bryton device is compatible with this feature. If this feature does not appear in your app after connecting your device, then it is likely incompatible.
1. In the Bryton Active app, navigate to "Bike Setting" in the "Settings" tab.
2. Select the bike profile you would like to use and enable it
3. Once a bike profile has been determined, select Speed Source and ensure that "Priority 1" is set to Speed or Speed/CAD and "Priority 2" to GPS (This will tell the device to first look for speed readings from a sensor before using a GPS reading for speed).

Battery Replacement:
It is recommended to change the battery inside Bryton Speed sensors every 6 months to one year (results may vary depending on frequency of use). Bryton Speed/Cadence/Heartrate Sensors use the CR2032 battery size. Incorrect battery size usage will prevent the sensor from operating normally.

To replace the battery, gently twist the back cover of the sensor to the unlock position and remove the cap (being careful not to bend any of the metal components inside of it). Remove and safely discard the spent battery. Take the new battery and place the positive side of the battery to face the end cap with the negative end facing toward the sensor. Gently replace the end cap and turn toward the locked position. Once locked in place, move/use the sensor until a green blinking light appears.

B. Cadence Sensor Setup

First-Use Setup:
Ensure that the battery tab has been removed from the battery before first use. Ensuring the back-sensor cover is in the locked position, mount or hold the sensor and put it in motion (rotating motion). On the sensor a green light should begin blinking after a few seconds.

Pairing Sensor:
In order to pair the sensor, please follow the steps below:
1. Power on Bryton device and navigate to the sensor pairing screen.
2. Select [Scan] and move/rotate the sensor to activate it (the sensor will blink green when powered on)

*When trying to pair a sensor with a Bryton device, please be sure to check the type of connection that the sensor uses and whether it is compatible with the device you are trying to pair it with (ANT+ and/or BLE). This can be found in the device user manual and on our website.

Battery Replacement:

It is recommended to change the battery inside Bryton Cadence sensors every 6 months to one year (results may vary depending on frequency of use). Bryton Speed/Cadence/Heartrate Sensors use the CR2032 battery size. Incorrect battery size usage will prevent the sensor from operating normally.

To replace the battery, gently twist the back cover of the sensor to the unlock position and remove the cap (being careful not to bend any of the metal components inside of it). Remove and safely discard the spent battery. Take the new battery and place the positive side of the battery to face the end cap with the negative end facing toward the sensor. Gently replace the end cap and turn toward the locked position. Once locked in place, move/use the sensor until a green blinking light appears.

C. Heart Rate Monitor Setup

First-Use Setup:

Ensure that the battery tab has been removed from the battery before first use. Ensuring the back-sensor cover is in the locked position, snap the Heart Rate monitor on the belt and wear. the sensor and put it in motion (rotating motion). On the sensor a green light should begin blinking after a few seconds.

Tips:
 - Be sure that the Heart Rate monitor band is worn with direct contact to skin.
 - If unable to start the sensor or if sensor has difficulty maintaining connection, lightly dampen skin surface at the point of electrode contact (allow a few seconds for Heart Rate to be detected)

Pairing Sensor:

In order to pair the sensor, please follow the steps below:
1. Power on Bryton device and navigate to the sensor pairing screen.
2. Select [Scan] while wearing the sensor to activate it (the sensor will blink green when powered on)

*When trying to pair a sensor with a Bryton device, please be sure to check the type of connection that the sensor uses and whether it is compatible with the device you are trying to pair it with (ANT+ and/or BLE). This can be found in the device user manual and on our website.

Battery Replacement:

It is recommended to change the battery inside Bryton Heartrate Monitors every 6 months to one year (results may vary depending on frequency of use). Bryton Speed/Cadence/Heartrate Sensors use the CR2032 battery size. Incorrect battery size usage will prevent the sensor from operating normally.

To replace the battery, gently twist the back cover of the sensor to the unlock position and remove the cap (being careful not to bend any of the metal components inside of it). Remove and safely discard the spent battery. Take the new battery and place the positive side of the battery to face the end cap with the negative end facing toward the sensor. Gently replace the end cap and turn toward the locked position. Once locked in place, move/use the sensor until a green blinking light appears.

Wash Heart Rate Band:
After every use, remove the HR monitor from the strap, rinse the strap under running water and hang dry. For further cleaning, please be sure the HR sensor has been removed from the band by unclipping it. Next, using mild soap and warm water, gently hand wash the band. Never use alcohol, moisturizing soaps or any abrasive materials (e.g. Steel, Wool or Cleaning Chemicals). Do not soak, iron, dry clean or bleach the strap. Never put the strap in a washing machine or dryer. Strap should be hang-dried.

Contact Bryton Support If:
 - Electrodes have become corroded or discolored
 - Heart Rate band is broken or unable to be tightened
 - If after changing battery, Heart Rate Monitor still unable to power on

XVIII. Altitude Calibration

For applicable Bryton Devices, altitude measurement is done through a Barometric Altimeter, which measures the changes in air pressure in order to determine changes in altitude. Because of this, readings may be different from map-based readings (such as Strava) and result in slightly higher/lower readings.

A. Causes of Inaccurate Readings:
 - Incorrect Starting Reading/Current Altitude (see Calibration)
 - Changes in Air Pressure
 - Changing Weather Conditions
 - Changes in Air Temperature
 - Covering Device in a Case (see Device Case)

1. Device Case
If putting a case on your device, it is important to ensure that the barometric port, a tiny hole generally found on the back of the device, is not covered as this may adversely affect the elevation reading. For more information, please see the device manual.

B. Calibration:

In order to ensure the most accurate reading, the altitude will need to be calibrated before every ride. This can be done automatically by pairing with the Bryton Active app and enabling automatic altitude calibration (see below). Altitude can also be calibrated manually through the Bryton Active App or on the device itself:

1. In Bryton Active App

In the "Settings" tab of the Bryton Active app, enable "Auto Cal. Alt.". This will allow the device altitude to be recalibrated every time it is connected to the Bryton Active App.

In order to manually calibrate the altitude, in the "Settings" tab, select "Alt. Cal." Move the arrows up and down to increase/decrease the altitude reading, or press the number and type in the desired altitude. After the desired reading has been set, press "Calibrate" to sync the altitude with the device.

2. On Device

In Device settings, find and select the altitude option. Using the device keys, increase/decrease the current device altitude to the desired level, once determined, select "OK" to save the calibration.

SECTION 02: Rider 750 Instructions & FAQs
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I. Meter Page Navigation & Options

A. Access Quick Status Menu

The quick status menu with connectivity and sensor status information can be accessed from any Meter page by single tapping anywhere on the screen. The quick status menu will automatically close after a few seconds or can be manually closed by pressing outside of the quick status menu area.

B. Progress Through Data Pages

To change data pages, either press the PAGE button (bottom right button) to progress forward through the pages or swipe left or right on the Rider 750 touch screen to progress forward or back respectively.

C. Change Data Field

On Device
To change a data field on an existing data page, press and hold the desired data field until it is highlighted, then tap the desired data field again to enter into the data field modification menu. If an undesired data field is highlighted, press another data field to exit the selection. Once a field has been determined, press the okay button to confirm. Press the back button to exit.

D. Change Number of Data Fields

On Device:
On the Rider 750 HOME menu, press the settings icon in the bottom left corner of the screen. Select "Bike Settings" > [Choose Bike Profile] > "Ride Config" > "Data Page". The number of available data pages will be displayed. Press the right toggle button next to each of the data pages you would like to enable/disable. To modify the data fields on each enabled data page, press the page number to enter the menu. When the selection menu opens, you will be prompted to select the number of fields and layout for the data page. For many of these, there are multiple layout variations, so be sure to scroll through to select the desired number and layout and then press the ">" right arrow button. To modify the data fields, simply press and hold the desired data field until highlighted and then tap again to select which type of data should be displayed in each spot. When finished, press the okay icon in the bottom right corner.

Bryton Active App:

Open the Bryton Active app and open the "Settings" tab. Under "Settings", select "Bike Settings" and press the right arrow to open the menu of the desired bike profile. In the bike profile, select "Grid Settings". The number of available data pages will be displayed. Press the right toggle button next to each of the data pages you would like to enable/disable. To modify the data fields on each enabled data page, press the page number to enter the menu. At the bottom of the page is the number of fields on the page. For many of these quantities, there are multiple layout variations, so be sure to scroll through to select the desired number and layout. To modify the data fields, simply press on the data field and select which type of data should be displayed in each spot. When finished, press the back button in the upper left corner.

E. Add/Remove a Data Page

On Device:

On the Rider 750 HOME menu, press the settings icon in the bottom left corner of the screen. Select "Bike Settings" > [Choose Bike Profile] > "Ride Config" > "Data Page". The number of available data pages will be displayed. Press the right toggle button next to each of the data pages you would like to enable/disable. To modify the data fields on each enabled data page, press the page number to enter the menu. When the selection menu opens, you will be prompted to select the number of fields and layout for the data page. For many of these, there are multiple layout variations, so be sure to scroll through to select the desired number and layout and then press the ">" right arrow button. To modify the data fields, simply press and hold the desired data field until highlighted and then tap again to select which type of data should be displayed in each spot. When finished, press the okay icon in the bottom right corner.

Bryton Active App

Open the Bryton Active app and open the "Settings" tab. Under "Settings", select "Bike Settings" and press the right arrow to open the menu of the desired bike profile. In the bike profile, select "Grid Settings". The number of available data pages will be displayed. Press the right toggle button next to each of the data pages you would like to enable/disable. To modify the data fields on each enabled data page, press the page number to enter the menu. At the bottom of the page is the number of fields on the page. For many of these quantities, there are multiple layout variations, so be sure to scroll through to select the desired number and layout. To modify the data fields, simply press on the data field and select which type of data should be displayed in each spot. When finished, press the back button in the upper left corner.

F. Return to Home Screen

When viewing a meter page, to return back to the home screen, slowly swipe up from the bottom of the Rider 750 screen.

II. Bike Profiles

A. Change Bike Profiles

To switch between bike profiles, from the HOME screen on the Rider 750 use the left and right arrows to switch between the 3 available Bike Profiles.

B. Rename Bike Profile

Bryton Active App:
In the Bryton Active app, go to the "Settings" tab. With the Rider 750 powered on and paired to the Bryton active, select "Bike Settings". To change the name of each bike profile, simply press on the current name and type in the desired profile name. Once finished, press the back button in the upper left hand corner of the screen to save and exit.

III. Sensors

A. Add/Remove/Rename a Sensor

On Device:
From the Rider 750 HOME screen, press the settings icon in the bottom left corner of the screen. Select "Sensors" and press the "+" button to add a sensor. Choose the type of sensor. In the "Detected Sensors" area, begin to use the sensor (E.g. wear HR sensor, turn crank for SPD/CAD/PWR, etc). Alternatively, a sensor ID can be manually added using the ID button. Once the sensor is detected, press the sensor and add.

To remove a sensor, return to the "MY SENSORS" menu and select the sensor to be removed. In the sensor menu, select remove and confirm

Bryton Active App:
In the Bryton Active app, go to the "Settings" tab. With the Rider 750 powered on and paired to the Bryton active, select "Sensors". To add a sensor, select "Add Sensor" and choose the type of sensor. The Bryton Active app will start searching for sensors. Begin to use the sensor (E.g. wear HR sensor, turn crank for SPD/CAD/PWR, etc). Alternatively, a sensor ID can be manually added using the ID button and pressing the "+" button. Once the sensor is detected, press the sensor and add.

To remove a sensor, from the "Sensors" menu, the paired sensors in the sensor pool will be listed under "Manage Sensors". Press the desired sensor to open its menu. From here, the sensor can be removed with the "Remove" button.

To rename a sensor, from the "Sensors" menu, the paired sensors in the sensor pool will be listed under "Manage Sensors". Press the desired sensor to open its menu. From here, the sensor can be renamed by pressing the edit icon next to its Display Name. Once modification is complete, press the back button in the upper left corner to save and exit.

IV. Settings Menus

A. CAD / Power with 0

This setting will enable/disable zero averaging for Cadence and Power recordings in an activity. When disabled, zero values will not be included in overall average Cadence / Power, with the new average for the activity generally being higher since it will only calculate Cadence / Power when the crank is turning.

For example: During a minute-long ride, there is a 20 second period of coasting where the pedal is not moving. The remaining 40 seconds were pedaled at 90 rpm.

With "CAD with 0" disabled, the average would be: 90 rpm
With "CAD with 0" enabled, the average would be: 60 rpm

B. Modify Daylight Savings Time

To modify the Daylight Savings Time settings on the Rider 750, from the Home screen, press the Settings icon in the bottom left corner of the screen. Then go to:

SYSTEM > SYSTEM SETTINGS > TIME/UNIT > DLIGHT SAVING > [select hours]

C. Change Time Format

To change the time format on the Rider 750, from the Home screen, press the Settings icon in the bottom left corner of the screen. Then go to:

Settings Icon SYSTEM > SYSTEM SETTINGS > TIME/UNIT > TIME FORMAT > [choose time format]

D. Change Date Format

To change the date format on the Rider 750, from the Home screen, press the Settings icon in the bottom left corner of the screen. Then go to:

Settings Icon SYSTEM > SYSTEM SETTINGS > TIME/UNIT > DATE FORMAT > [choose date format]

E. Change Unit of Measurement

To change the Unit of Measurement on the Rider 750 between KM and MI, from the Home screen, press the Settings icon in the bottom left corner of the screen. Then go to:

Settings Icon SYSTEM > SYSTEM SETTINGS > TIME/UNIT > UNIT > [select preferred unit of measurement]

F. Change Temperature Measurement

To change the Temperature measurement settings on the Rider 750 between F and C, from the Home screen, press the Settings icon in the bottom left corner of the screen. Then go to:

Settings Icon SYSTEM > SYSTEM SETTINGS > TIME/UNIT > TEMPERATURE > [select F or C]

G. Change Brightness and Duration

To change the brightness level on the Rider 750, from the Home screen, press the Settings icon in the bottom left corner of the screen. Then go to:

Settings Icon BRIGHTNESS > [adjust level]

To change the brightness duration, from the Home screen, press the Settings icon in the bottom left corner of the screen. Then go to:

Settings Icon SYSTEM > SYSTEM SETTINGS > BACKLIGHT DURATION > [choose duration and press okay]

H. Factory Reset Device

To Factory Reset the Rider 750, from the device go to: SETTINGS> SYSTEM > DATA RESET. Please note, this will delete all files, settings and profiles from the device. Be sure to back up any rides or information before performing a data reset.

V. FAQs

A. Internet for Follow Track

After a track has been successfully loaded to the Rider 750, an internet connection is not necessary to follow the track. However, with a stable Bluetooth connection to a smart phone with internet access, the Rider 750 will be able to reroute rides when riding off track.

B. Navigation / Follow Track with App in Background

1. In order to navigate with the Rider 750, the device requires a Bluetooth connection to a smart phone with the Bryton Active app running in the background. If connection is lost or the app is closed during navigation, the connection can be easily reestablished by opening the Bryton Active App and re-selecting the route.

2. After a Follow Track route has been synced with the Rider 750, following the route no longer necessarily requires a Bluetooth connection to a smartphone. Without a connection, the Rider 750 will be able to follow the route exactly as outlined in the file.

C. Smart Trainer Not Under Sensors

In order to add a Smart Trainer to the Rider 750, please go to COURSE > SMART TRAINER. Trainer configuration and options will be located under this menu and not under sensors.

D. Sensors Switching Between Bikes

Utilizing the Rider 750's sensor pool, switching between bikes with different sensor configurations is as easy as switching the Rider 750 from one bike to the other. Once paired, a sensor will be remembered by the Rider 750 and added to its pool of sensors. When the sensor is awakened, it will appear on the Rider 750 automatically. Additionally, if more than one sensor is detected, the Rider 750 will prompt you to determine which to use. It is recommended to configure a specific bike profile for each bike that is intended to be used in order to remember bike settings such as wheel size.

E. Factory Reset Device

To Factory Reset the Rider 750, from the device go to: SETTINGS> SYSTEM > DATA RESET. Please note, this will delete all files, settings and profiles from the device. Be sure to back up any rides or information before performing a data reset.

SECTION 03: Rider 860 Instructions & FAQs
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I. Cycling Page

A. Access Quick Settings Menu

The quick settings menu can be accessed from any Cycling page by swiping down slowly on the screen. The quick settings menu can be closed by swiping up on the screen.

B. Return to Home Screen

In order to return back to the Home screen from any Cycling page, simply swipe down slowly on the screen to access the quick settings menu. Next press the home button to return to the home screen.

C. Progress Through Data Pages

To change data pages, swipe left or right on the Rider 860 touch screen to progress forward or backwards respectively.

D. Change Data Field

To change a data field on an existing data page, press and hold the desired data field until it is highlighted and the data field modification menu appears. To exit the data field modification menu, press the "X" button. Once a field has been determined, press the okay button to confirm.

E. Change Number of Data Fields

In order to modify data pages, enter the Grid Settings menu from the settings menu from the home screen (Settings > Grid Settings) or the quick settings menu in the cycling page screen (swipe down to access quick settings and select "grid settings"). The number of available data pages will be displayed. Press the right toggle button next to each of the data pages you would like to enable/disable. To modify the data fields on each enabled data page, press the page number to enter the menu. The number of fields for the page is displayed at the bottom of the screen and can be modified using the left and right arrows ("<" & ">"). To modify the data fields, simply press and hold the desired data field and select which type of data should be displayed in each spot. When finished, press the okay icon in the bottom right corner.

F. Add/Remove a Data Page

In order to modify data pages, enter the Grid Settings menu from the settings menu from the home screen (Settings > Grid Settings) or the quick settings menu in the cycling page screen (swipe down to access quick settings and select "grid settings"). The number of available data pages will be displayed. Press the right toggle button next to each of the data pages you would like to enable/disable. To modify the data fields on each enabled data page, press the page number to enter the menu. The number of fields for the page is displayed at the bottom of the screen and can be modified using the left and right arrows ("<" & ">"). To modify the data fields, simply press and hold the desired data field and select which type of data should be displayed in each spot. When finished, press the okay icon in the bottom right corner.

SECTION 04: Software Troubleshooting
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I. General Bluetooth Troubleshooting

When trying to use any type of Bluetooth operation between your phone and Bryton device, please ensure that both Location/GPS and Bluetooth are turned on. Also ensure that Bluetooth is turned on on your Bryton Device (for instructions, please see device-specific User Manual).

If still unable to pair/detect device via Bluetooth:

A. Android:

Remove Device from Bluetooth Connections:
Please ensure that the Bryton device is not connected via System Bluetooth settings. To unpair the device from System Bluetooth, follow the instructions below:
1. Go to Phone Settings and select "Connections"
2. Find Bluetooth Settings
3. Under Paired devices, find your Bryton Device and press the Settings icon next to it
4. Select "Unpair"
5. Restart Bryton Active App
6. Under the "Settings" tab, select "Device Manager"
7. If the device is already listed here, please remove it, if not (or after removing the device), press the green (+) icon.
8. Find the device and select add

Bryton Active App General Access:
1. Go to Phone Settings and select "Apps"
2. Choose "Active" app
3. In "App Settings", Select "Permissions"
4. Enable "Location"

*After pairing the device with Bryton Active account, "Location" access can be revoked from App Permissions.

Bryton Active App Special Access:
1. Go to Phone Settings and select "Apps"
2. Select Menu/Options in the top right of the screen (may be different in some Android phones)
3. Select "Special Access"
4. Select "Notification Access"
5. Enable Active

6. Restart App and retry

Clear Bluetooth Cache
1. Go to Settings
2. Select "Application Manager"
3. Display system apps (you may need to either swipe left/right or choose from the menu in the top right corner)
4. Select Bluetooth from the now larger list of Applications
5. Select Storage
6. Tap Clear Cache
7. Go back
8. Finally restart the phone

B. iOS

1. In settings, navigate to "Bluetooth"
2. Find Device in list and remove connection
3. Turn off bluetooth and close Bryton Active app in background
4. Turn Bluetooth back on and open Bryton Active app
5. In app, navigate to "Device Manager" in the "Settings Tab"
6. Pair device

If the problem persists, please contact support_us@brytoncorp.net

C. Other Potential Causes:
China-Region Device (Rider 330/530):
Since Mainland China has its own policies for maintaining regional compliance, the Rider 330/530 devices also have a China-Region version. China-Region devices can be identified by their unique UUIDs which will contain 1602 or 1603 as the first four digits. These devices can only operate with the corresponding China-Region software and the China-Region App Server. Because of this, all W-Fi related services will not function properly and devices will be unable to be paired with the "International" Bryton App. If you have purchased a China-Region device outside of Mainland China, please contact the original seller for after-sale service, if the seller is unable to provide this service, please contact Bryton China Support at brytonsupport@qq.com.

II. Force Restart/Reset Device:

If your device is unresponsive or frozen in the on/off screen, please follow the below instructions to soft reboot your device:

- Rider One/10/15: Press and hold [Menu]+[OK] buttons simultaneously for 2 seconds.
- Rider 15 neo: Press [Power]+[OK] for 2 seconds.
- Rider 310/330: Press and hold all three buttons simultaneously for 2 seconds.

- Rider 530: Press and hold [Power]+[Back]+[OK] buttons simultaneously for 2 seconds.
- Rider 410/450 & Aero 60: Press and hold [OK]+[Back]+[UP]+[DOWN] buttons simultaneously for 2 seconds.
- Rider 320/420: Press and hold [Power] + [Stop] (back two) buttons simultaneously for 2 seconds.
- Rider 860: Press and hold [Power] for 10 seconds
- Rider 750: Press and hold all four buttons simultaneously for 2 seconds

For other device force reboot instructions, please see the device user manual or contact support_us@brytoncorp.net for more information.

III. Factory Reset Device:

If your device needs to be reset to factory settings, please follow the instructions below. Please be aware that performing a factory reset will delete all profile and ride data on the device. Once deleted, this cannot be undone:

- Rider One/10/15: Press and hold [Menu]+[OK]+[CENTER] buttons simultaneously for three seconds. Continuing to hold down the [Menu]+[CENTER] buttons, release the [OK] button and hold until the workout logo appears on the device. Immediately release the remaining buttons.
- Rider 310/330/530/410/320/420/450 & Aero 60: Navigate to [MENU] > [Settings] > [General] > [Data Reset] > [Yes].
- Rider 860: [Settings] > [General] > [Data Reset]
- Rider 750: [Settings] > [System] > [Data Reset]

*If you have rides that have not been synced to Bryton Active, please visit https://active.brytonsport.com and click the add button (+) (in the upper right hand corner). In your PC, locate the rides (.fit files) that you copied in Step 4 and drag-and-drop them into this web page OR select "Choose Files" and select them from the window prompt.

For other device force reboot instructions, please see the device user manual or contact support_us@brytoncorp.net for more information.

IV. Manually Add Ride from Device to Bryton Active:

In order to manually add a ride that appears on a Bryton Device, but is not synced to Bryton Active, please follow the instructions below:

1. Using the original USB cable, plug the Bryton device into your PC.
2. In the main Bryton directory/folder, locate the file(s) that were unable to sync (these files will be in .fit format). To easily locate the ride, sort files by Date.
3. After finding the file(s), navigate to https://active.brytonsport.com in your web browser
4. In the upper right corner, press the (+) button
5. Drag and drop the files onto this screen.

If the rides still do not appear in the list of activities or if you get a "fail" notification, please contact support_us@brytoncorp.net

V. Memory Full:

*If after recording a ride you do not see the record in the activities or the device's internal memory (when plugged into the PC), your device's memory may be full.

In order to free up device memory, please follow the step-by-step instructions below:

1. Connect your device to your PC using its original USB cable.

2. After the device is detected by your PC, open the Bryton "disk" (Bryton Folder)

3. Open the "System" folder (/Bryton/System/) and copy the "Profile.bin" file to your desktop or a folder on your PC. (this file will be used again in step 8). After the file has been successfully copied, you can delete the file from the System folder.

4. Go back to the main "Bryton" folder on your device (/Bryton/). In this folder you may see some files in .fit (FIT) format - these are your rides. In another folder on your PC, copy and paste the .fit files (this will back up your rides so as to not lose your ride data). After successfully copying the rides (.fit files) to your PC, you can delete them from your device (/Bryton/).

5. Unplug your device from the PC

6. On your device, navigate to "Perform Factory Reset" and select "Yes" (please see the device Quick-Start Guide / User manual to find the location of this option). Selecting "Perform Factory Reset" will delete all data on your device, so be sure that you have backed up your files as outlined in the above steps.

7. Once the reset is complete, the device will reboot. After reboot, connect the device back to your PC using it's original USB cable again.

8. Open the "System" folder (/Bryton/System/) and delete the "Profile.bin" file. Afterwards, find the "Profile.bin" file that you saved to your PC in step 3 and copy that into the "System" folder (/Bryton/System/). This will restore your profile data to your device.

9. Once the file is copied, remove your device from the PC and the memory should be cleared.

*If you have rides that have not been synced to Bryton Active, please visit https://active.brytonsport.com and click the add button (+) (in the upper right hand corner). In your PC, locate the rides (.fit files) that you copied in Step 4 and drag-and-drop them into this web page OR select "Choose Files" and select them from the window prompt.

VI. "Please Update Your App" Error

If the message "please update your app" or "Please Update your APP to the Latest Version" appears on the device screen, please follow the below instructions to clear the error:

1. Please ensure that older versions of the Bryton App have been completely removed from your phone. After uninstalling older versions, be sure to restart the phone.

2. Open the Bryton Active app and go to "Device Manager" under the "Settings" tab.

3. If your device is listed here, press the minus (-) sign to unbind it. If it does not appear, please continue to step 4.

4. Open your phone bluetooth settings / connections and remove the connection between your phone and the Bryton device. If there is no connection, please continue to step 5. (For more information on Bluetooth settings, please see the Bluetooth Troubleshooting page).

5. After removing connections from your phone, turn off / disable the bluetooth function on your phone, wait 10 seconds and turn it back on.

6. Open the Bryton Active app again and go to "Device Manager" under the "Settings" tab.

7. Select Add New Device and scan for your Bryton Device. (Ensure that both bluetooth on your phone and device are enabled and that your Bryton device is powered on and within bluetooth range).

8. Locate the device in the list and press add (+). Be sure to make sure that the UUID (16 digit number) on your phone screen matches the 16 digit UUID on the back of your device.

If the error re-appears or if you are unable to reconnect your device with Bryton active, please contact support_us@brytoncorp.net right away.

VII. Not Synced to Bryton Active AND Strava

If after syncing device with Bryton Active the rides do not appear in the list of activities, please follow the instructions below:

1. Using the original USB cable, plug the Bryton device into your PC.
2. In the main Bryton directory/folder, locate the file(s) that were unable to sync (these files will be in .FIT format). To easily locate the ride, sort files by Date.
3. After finding the file(s), navigate to https://active.brytonsport.com in your web browser

4. In the upper right corner, press the (+) button
5. Drag and drop the files onto this screen.

*If the rides still do not appear in the list of activities or if you get a "fail" notification, please contact support_us@brytoncorp.net

Before syncing the Rides with Bryton Active, ensure that "Strava Auto Sync" is enabled in the Bryton Active App.
1. Open the Bryton Active App and click on the "Profile" tab
2. Select "3rd Party Account Link"
3. Select "Strava"
4. Enable "Strava Auto Sync"
5. If you have not already enabled "Strava Auto Sync", you will be prompted to log in. Follow the instructions in the app and ensure that "Strava Auto Sync" is enabled afterwards.

After enabling "Strava Auto Sync", Bryton Active will only upload NEW rides to Strava (ones that are synced with Bryton Active after this is enabled). If you would like to sync rides that are already saved on your device or if after syncing device with Bryton Active the rides do not appear on Strava within an hour, please follow the instructions below:

1. Using the original USB cable, plug the Bryton device into your PC.
2. In the main Bryton directory/folder, locate the file(s) that were unable to sync (these files will be in .fit format). To easily locate the ride, sort files by Date.
3. After finding the file(s), navigate to https://www.strava.com/upload/select in your web browser
4. Select the files you would like to sync and choose Upload

*It may still take a few minutes for the rides to appear on Strava. If "Strava Auto Sync" has already been enabled on Bryton Active, but rides are still not uploading to your Strava account, please follow the below instructions:
1. Go to [Desktop] https://www.strava.com > Settings > My Apps > Revoke Access > [Bryton]
2. After disabling this feature, refresh browser
3. In the Bryton Active App, go to "Strava Auto Sync" in the Profile tab
4. Re-enable Strava Auto Sync (if already enabled, disable it and re-enable it).
5. Re-sync rides with Bryton Active

If the rides still do not appear in the list of activities or if you get a "fail" notification, please contact support_us@brytoncorp.net
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VIII. Not Synced to Bryton Active:

If after syncing device with Bryton Active the rides do not appear in the list of activities, please follow the instructions below:

1. Using the original USB cable, plug the Bryton device into your PC.
2. In the main Bryton directory/folder, locate the file(s) that were unable to sync (these files will be in .fit format). To easily locate the ride, sort files by Date.
3. After finding the file(s), navigate to https://active.brytonsport.com in your web browser
4. In the upper right corner, press the (+) button
5. Drag and drop the files onto this screen.

If the rides still do not appear in the list of activities or if you get a "fail" notification, please contact support_us@brytoncorp.net

IX. Not Synced to Strava:

Ensure that "Strava Auto Sync" is enabled in the Bryton Active App.
1. Open the Bryton Active App and click on the "Profile" tab
2. Select "3rd Party Account Link"
3. Select "Strava"
4. Enable "Strava Auto Sync"
5. If you have not already enabled "Strava Auto Sync", you will be prompted to log in. Follow the instructions in the app and ensure that "Strava Auto Sync" is enabled afterwards.

After enabling "Strava Auto Sync", Bryton Active will only upload NEW rides to Strava (ones that are synced with Bryton Active after this is enabled). If you would like to sync rides that are already saved on your device or if after syncing device with Bryton Active the rides do not appear on Strava within an hour, please follow the instructions below:

1. Using the original USB cable, plug the Bryton device into your PC.
2. In the main Bryton directory/folder, locate the file(s) that were unable to sync (these files will be in .fit format). To easily locate the ride, sort files by Date.
3. After finding the file(s), navigate to https://www.strava.com/upload/select in your web browser
4. Select the files you would like to sync and choose Upload

*It may still take a few minutes for the rides to appear on Strava. If "Strava Auto Sync" has already been enabled on Bryton Active, but rides are still not uploading to your Strava account, please follow the below instructions:
1. Go to [Desktop] https://www.strava.com > Settings > My Apps > Revoke Access > [Bryton]
2. After disabling this feature, refresh browser
3. In the Bryton Active App, go to "Strava Auto Sync" in the Profile tab
4. Re-enable Strava Auto Sync (if already enabled, disable it and re-enable it).
5. Re-sync rides with Bryton Active

If the rides still do not appear in the list of activities or if you get a "fail" notification, please contact support_us@brytoncorp.net

X. Komoot Map Not Appearing in My Routes

If after planning a route in Komoot it does not appear in the "My Routes" section of the Bryton Active app, please follow some of the troubleshooting tips below:

In Komoot:

- The region of your "Starting Location" must be unlocked in order for the Route to be visible in Bryton Active. After saving your tour in Komoot, an option may appear in the menu bar that says "Unlock Regions". If this button appears, click it and enable or purchase the required regions for this tour.
- You can find your unlocked regions by visiting https://www.komoot.com/product/regions and looking under "Your Unlocked Regions".

In Bryton Active:

- Go to the "Course" page and toggle the Komoot slider to the "on" position (Log into your Komoot account if you have not already and grant access to the Bryton Active app). If the Komoot toggle button is already enabled, disable it and re-enable it and log back into Komoot.

- Under "My Route" in Bryton Active, press the upper-right "filter" icon. Select "All" or "Komoot" to show Komoot routes.

- Please wait for the loading icon next to "My Route" to finish loading routes before opening "My Routes". Syncing with Komoot may take a few minutes.

Further Troubleshooting:
If you are still unable to load your routes, please contact support_us@brytoncorp.net for more information.

XI. Smart Notification Troubleshooting:

Follow the directions below to enable Smart Notifications on your Smart Notifications-compatible Bryton device. Also please ensure that you do not have both the Bryton Active app and previous Bryton App installed on the phone.

1. Ensure that both Location/GPS and Bluetooth are turned on
2. Open the Bryton Active app and in the "Settings" tab select "Notification"
3. Select the notifications you would like to display on your device. Please ensure the corresponding system apps are also enabled (e.g. Text Messages & Messages for some Android phones)

If Notifications still do not appear:

Android:

1. Go to Phone Settings and select "Apps"

2. Select Menu/Options in the top right of the screen (may be different in some Android phones)

3. Select "Special Access"

4. Select "Notification Access"

5. Enable Active

6. Restart App and retry

If the problem persists:

1. Go to Settings

2. Select "Application Manager"

3. Display system apps (you may need to either swipe left/right or choose from the menu in the top right corner)

4. Select Bluetooth from the now larger list of Applications

5. Select Storage

6. Tap Clear Cache

7. Go back

8. Finally restart the phone

iOS:

1. Go to Phone Settings and select "Bluetooth"

2. Select Bryton Device from list of Bluetooth Devices

3. Toggle Share System Notifications

If the problem persists:

1. In settings, navigate to "Bluetooth"

2. Find Device in list and remove connection

3. Turn off Bluetooth and close Bryton Active app in background

4. Turn Bluetooth back on and open Bryton Active app

5. In app, navigate to "Device Manager" in the "Settings Tab"

6. Pair device

XII. Speed Data Not Registering:

If device is not displaying speed information, please follow the instructions below:

In Bryton Active App

1. Open the Bryton Active App and navigate to the "Settings" tab

[IF USING GPS]

2. Find GPS and ensure that a GPS System is selected

3. Next select "Bike Settings" and enable either Bike 1 or 2

4. Under the selected Bike profile, select Spd Source

5. Set Priority 1 to "GPS", Priority 2 to "Speed" or "Speed/CAD" and Priority 3 to whichever has not been selected.

6. Test Speed again

[IF USING SPEED SENSOR]
2. Next select "Bike Settings" and enable either Bike 1 or 2
3. Under the selected Bike profile, select Spd Source
4. Set Priority 1 to "Speed" or "Speed/CAD" (if using a cadence sensor), Priority 2 to "Speed" or "Speed/CAD" (whichever was not selected as priority 1) and Priority 3 to GPS.
5. Test Speed again

Changing Settings on Device
1. Power on Device and navigate to the "Bike Profile" (please refer to the user manual for more information)
[IF USING GPS]
2. Select Bike 1 or 2 (whichever one is currently set)
3. Under the selected Bike profile, select Spd Source
4. Set Priority 1 to "GPS", Priority 2 to "Speed" or "Speed/CAD" and Priority 3 to whichever has not been selected.
5. Test Speed again

[IF USING SPEED SENSOR]
2. Select Bike 1 or 2 (whichever one is currently set)
3. Under the selected Bike profile, select Spd Source
4. Set Priority 1 to "Speed" or "Speed/CAD" (if using a cadence sensor), Priority 2 to "Speed" or "Speed/CAD" (whichever was not selected as priority 1) and Priority 3 to GPS.
5. Test Speed again

Ensure that the correct Bike profile is selected before a workout. If switching between Speed Sensor and GPS, it is important to change profiles before the workout, ensuring the right priority settings are set up.

If speed still does not appear if you have any questions, please contact support_us@brytoncorp.net

XIII. Altitude Troubleshooting

For applicable Bryton Devices, altitude measurement is done through a Barometric Altimeter, which measures the changes in air pressure in order to determine changes in altitude. Because of this, readings may be different from map-based readings (such as Strava) and result in slightly higher/lower readings.

A. Causes of Inaccurate Readings:
 - Incorrect Starting Reading/Current Altitude (see Calibration)
 - Changes in Air Pressure
 - Changing Weather Conditions
 - Changes in Air Temperature
 - Covering Device in a Case (see Device Case)

Device Case
If putting a case on your device, it is important to ensure that the barometric port, tiny hole generally found on the back of the device, is not covered as this may adversely affect the elevation reading. For more information, please see the device manual.

B. Calibration:

In order to ensure the most accurate reading, the altitude will need to be calibrated before every ride. This can be done automatically by pairing with the Bryton Active app and enabling automatic altitude calibration (see below). Altitude can also be calibrated manually through the Bryton Active App or on the device itself:

In Bryton Active App
In the "Settings" tab of the Bryton Active app, enable "Auto Cal. Alt.". This will allow the device altitude to be recalibrated every time it is connected to the Bryton Active App.

In order to manually calibrate the altitude, in the "Settings" tab, select "Alt. Cal." Move the arrows up and down to increase/decrease the altitude reading, or press the number and type in the desired altitude. After the desired reading has been set, press "Calibrate" to sync the altitude with the device.

On Device
In Device settings, find and select the altitude option. Using the device keys, increase/decrease the current device altitude to the desired level, once determined, select "OK" to save the calibration.

XIV. Bryton Update Tool Troubleshooting

Unable to Install on Macintosh PC:
If unable to install the Bryton Update Tool on a Macbook or Mac PC, please follow the instructions below to enable app downloads from unidentified developers:
1. Go to System Preferences
2. Select "Security & Privacy"
3. Under "General" in the section "Allow Apps Downloaded from:" choose "App Store and Unidentified Developers"

XV. Inaccurate Data Troubleshooting

A. GPS and Speed Data

Bryton GPS Cycle computers rely on GPS data to track current location, speed and progress. By default, speed is calculated using GPS data, however a speed sensor can also be used to generally improve accuracy. If GPS data is not recording correctly or if the device is unable to acquire satellites, please ensure that the device is not obstructed by:

- Dense tree or cloud cover
- Buildings
- Bridges or tunnels
- Geographic Formations (hills or mountains)
- Other large objects or sky obstructions

B. Grade/Elevation Data

For applicable Bryton Devices, altitude measurement is done through a Barometric Altimeter, which measures the changes in air pressure in order to determine changes in altitude. Because of this, readings may be different from map-based readings (such as Strava) and result in slightly higher/lower readings. For more information, see **Altitude Troubleshooting**.

Causes of Inaccurate Readings:
- Incorrect Starting Reading/Current Altitude (see Altitude Troubleshooting)
- Changes in Air Pressure
- Changing Weather Conditions
- Changes in Air Temperature
- Covering Device in a Case (see Device Case)

Device Case
If putting a case on your device, it is important to ensure that the barometric port, tiny hole generally found on the back of the device, is not covered as this may adversely affect the elevation reading. For more information, please see the device manual.

C. Temperature Data

Bryton's temperature measurement is designed for accuracy under normal riding conditions. However, occasionally readings may differ from true ambient temperatures when affected by the following factors:

Causes of Inaccurate Readings:
- Sudden changes in temperature (may take time to affect the sensor)
- Prolonged exposure to direct sunlight (may worm device in excess of ambient temperature)
- Charging (can cause additional warming)

If you are experiencing unexpected negative or extremely high temperatures, this may be indicative of an underlying hardware issue.

XVI. Rider 405 Chinese Version

If you are experiencing difficulties syncing or connecting your Rider 405 GPS Cycle Computer that you purchased online to your Bryton Active Account, that is because the Rider 405 is a China-Region only device. The Rider 405 can only operate with the corresponding China-Region software and the China-Region App Server. Because of this, all 3rd party services will not function properly and devices will be unable to be paired with the Global Bryton App that is available on the Google Play / iOS App Store. China-Region devices may face all or some of the following problems:

- Unable to Sync Rides to Bryton Active App
- Unable to Sync Rides to Strava
- Unable to Perform WiFi Data Sync
- Unable to Sync Planned Trips

If you have purchased a China-Region device and are residing outside of Mainland China, please contact the original seller for after-sale service. If the seller is unable to provide this service, please contact Bryton China Support at brytonsupport@qq.com and provide your full 16-digit UUID as well as a copy of your invoice/receipt.

XVII. Rider 330 / Rider 530 Chinese Version

If you are experiencing difficulties syncing or connecting your Rider 330 or Rider 530 GPS Cycle Computer that you purchased online to your Bryton Active Account, your device may be a China-Region device. China-Region devices can be identified by their unique UUIDs which will contain 1602 or 1603 as the first four digits. These devices can only operate with the corresponding China-Region software and the China-Region App Server. Because of this, all 3rd party services will not function properly and devices will be unable to be paired with the Global Bryton App that is available on the Google Play / iOS App Store. China-Region devices may face all or some of the following problems:

- Unable to Sync Rides to Bryton Active App
- Unable to Sync Rides to Strava
- Unable to Perform WiFi Data Sync
- Unable to Sync Planned Trips

If you have purchased a China-Region device and are residing outside of Mainland China, please contact the original seller for after-sale service. If the seller is unable to provide this service, please contact Bryton China Support at brytonsupport@qq.com and provide your full 16-digit UUID as well as a copy of your invoice/receipt.

SECTION 05: Hardware Troubleshooting
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I. Screen Condensation / Fogging

The appearance of fogging or moisture buildup inside of the device screen is a common occurrence caused by condensation and normally does not signify water damage.

Common Causes:
 - High Environmental Humidity
 - Device Stored in Cool Area
 - Gain / Loss in Altitude
 - Changing Temperatures (inside or around device)

These as well as other factors can cause water vapor to gather and condense inside of the cooler inner-screen, creating the appearance of fogging. This is common particularly on very warm, humid summer days or very cold, dry winter days where temperatures and moisture levels inside the device differ from the outside environment.

If condensation inside the screen should occur, open the rubber cover on the back of the device and allow air to circulate or place the device at room temperature until fogging clears. If fogging persists or if dried water droplet marks or large, running water droplets should appear, please contact local customer support.

II. Sensors

A. Speed Sensor Troubleshooting

First-Use Setup:
Ensure that the battery tab has been removed from the battery before first use. Ensuring the back-sensor cover is in the locked position, mount or hold the sensor and put it in motion (rotating motion). On the sensor a green light should begin blinking after a few seconds.

Pairing Sensor:
In order to pair the sensor, please follow the steps below:
1. Power on Bryton device and navigate to the sensor pairing screen.
2. Select [Scan] and move/rotate the sensor to activate it (the sensor will blink green when powered on)

*When trying to pair a sensor with a Bryton device, please be sure to check the type of connection that the sensor uses and whether it is compatible with the device you are trying to pair it with (ANT+ and/or BLE). This can be found in the device user manual and on our website.

Speed Sensor Not Displaying Speed:

If after pairing a speed sensor with a compatible Bryton device, it is important to ensure that the correct speed detection priority has been set:

On Device

1. On your device, navigate to Bike Profile and select the Bike number you would like to use

2. Once a bike profile has been determined, select Speed Source and ensure that "Priority 1" is set to Speed or Speed/CAD and "Priority 2" to GPS (This will tell the device to first look for speed readings from a sensor before using a GPS reading for speed).

In App:

*Before trying to change these settings in the app, please ensure that your Bryton device is compatible with this feature. If this feature does not appear in your app after connecting your device, then it is likely incompatible.

1. In the Bryton Active app, navigate to "Bike Setting" in the "Settings" tab.

2. Select the bike profile you would like to use and enable it

3. Once a bike profile has been determined, select Speed Source and ensure that "Priority 1" is set to Speed or Speed/CAD and "Priority 2" to GPS (This will tell the device to first look for speed readings from a sensor before using a GPS reading for speed).

Battery Replacement:

It is recommended to change the battery inside Bryton Speed sensors every 6 months to one year (results may vary depending on frequency of use). Bryton Speed/Cadence/Heartrate Sensors use the CR2032 battery size. Incorrect battery size usage will prevent the sensor from operating normally.

To replace the battery, gently twist the back cover of the sensor to the unlock position and remove the cap (being careful not to bend any of the metal components inside of it). Remove and safely discard the spent battery. Take the new battery and place the positive side of the battery to face the end cap with the negative end facing toward the sensor. Gently replace the end cap and turn toward the locked position. Once locked in place, move/use the sensor until a green blinking light appears.

B. Cadence Sensor Troubleshooting

First-Use Setup:

Ensure that the battery tab has been removed from the battery before first use. Ensuring the back-sensor cover is in the locked position, mount or hold the sensor and put it in motion (rotating motion). On the sensor a green light should begin blinking after a few seconds.

Pairing Sensor:

In order to pair the sensor, please follow the steps below:

1. Power on Bryton device and navigate to the sensor pairing screen.

2. Select [Scan] and move/rotate the sensor to activate it (the sensor will blink green when powered on)

*When trying to pair a sensor with a Bryton device, please be sure to check the type of connection that the sensor uses and whether it is compatible with the device you are trying to pair it with (ANT+ and/or BLE). This can be found in the device user manual and on our website.

Battery Replacement:
It is recommended to change the battery inside Bryton Cadence sensors every 6 months to one year (results may vary depending on frequency of use). Bryton Speed/Cadence/Heartrate Sensors use the CR2032 battery size. Incorrect battery size usage will prevent the sensor from operating normally.

To replace the battery, gently twist the back cover of the sensor to the unlock position and remove the cap (being careful not to bend any of the metal components inside of it). Remove and safely discard the spent battery. Take the new battery and place the positive side of the battery to face the end cap with the negative end facing toward the sensor. Gently replace the end cap and turn toward the locked position. Once locked in place, move/use the sensor until a green blinking light appears.

C. Heart Rate Monitor Troubleshooting

First-Use Setup:
Ensure that the battery tab has been removed from the battery before first use. Ensuring the back-sensor cover is in the locked position, snap the Heart Rate monitor on the belt and wear. On the sensor a green light should start blinking after a few seconds.

Tips:
 - Be sure that the Heart Rate monitor band is worn with direct contact to skin.
 - If unable to start the sensor or if sensor has difficulty maintaining connection, lightly dampen skin surface at the point of electrode contact (allow a few seconds for Heart Rate to be detected)

Pairing Sensor:
In order to pair the sensor, please follow the steps below:
1. Power on Bryton device and navigate to the sensor pairing screen.
2. Select [Scan] while wearing the sensor to activate it (the sensor will blink blue when powered on)

*When trying to pair a sensor with a Bryton device, please be sure to check the type of connection that the sensor uses and whether it is compatible with the device you are trying to pair it with (ANT+ and/or BLE). This can be found in the device user manual and on our website.

Battery Replacement:
It is recommended to change the battery inside Bryton Heartrate Monitors every 6 months to one year (results may vary depending on frequency of use). Bryton Speed/Cadence/Heartrate Sensors use the CR2032 battery size. Incorrect battery size usage will prevent the sensor from operating normally.

To replace the battery, gently twist the back cover of the sensor to the unlock position and remove the cap (being careful not to bend any of the metal components inside of it). Remove and safely discard the spent battery. Take the new battery and place the positive side of the battery to face the end cap with the negative end facing toward the sensor. Gently replace the end cap and turn toward the locked position. Once locked in place, move/use the sensor until a green blinking light appears.

Contact Bryton Support If:
 - Electrodes have become corroded or discolored
 - Heart Rate band is broken or unable to be tightened
 - If after changing battery, Heart Rate Monitor still unable to power on

III. Bryton Mount

Bryton "Rider" series computers are compatible with Bryton "Rider" mounts or inserts.
Bryton "Aero" series computers are compatible with Bryton "Aero" mounts or inserts.

If you are not sure which Bryton mount is right for your device/bicycle, please contact support_us@brytoncorp.net

*Please note that although similar in design, the "Garmin" mount is not fully compatible with Bryton GPS bike computers and may cause damage to the device or come loose during rides.

Mount Damage:
If damage should occur to a Bryton mount or the mounting bars of the device, please contact your nearest Bryton Dealer right away for repair in order to prevent further damage. It is also possible to contact Bryton Support at support_us@brytoncorp.net

IV. Button Troubleshooting

Buttons Stuck
If one or more buttons have become "stuck" in the device and are no longer able to be pressed, please contact your nearest Bryton Dealer right away for repair in order to prevent further damage. It is also possible to contact Bryton Support at support_us@brytoncorp.net. Please be sure to provide photos as well as your full 16-digit UUID and a copy of your receipt/digital invoice.

Buttons Broken/Missing
If a button has become damaged or has been removed from the device, please contact your nearest Bryton Dealer right away for repair in order to prevent further damage. It is also possible to contact Bryton Support at support_us@brytoncorp.net. Please be sure to provide photos as well as your full 16-digit UUID and a copy of your receipt/digital invoice.

Button Unresponsive

If one or more buttons have become unresponsive and are not registered by the device, please contact your nearest Bryton Dealer right away for repair in order to prevent further damage. It is also possible to contact Bryton Support at support_us@brytoncorp.net. Please be sure to provide photos as well as your full 16-digit UUID and a copy of your receipt/digital invoice.

V. Screen Troubleshooting

Screen Cracked

If the device screen has become cracked or otherwise damaged, please contact your nearest Bryton Dealer right away for repair in order to prevent further damage. It is also possible to contact Bryton Support at support_us@brytoncorp.net. Please be sure to provide photos as well as your full 16-digit UUID and a copy of your receipt/digital invoice.

Screen Damage

If the screen has become damaged or does not completely display text on the screen, please contact your nearest Bryton Dealer right away for repair in order to prevent further damage. It is also possible to contact Bryton Support at support_us@brytoncorp.net. Please be sure to provide photos as well as your full 16-digit UUID and a copy of your receipt/digital invoice.

VI. Device Battery Troubleshooting

A. Expected Life of Lithium Batteries in Rechargeable Devices

Rechargeable batteries will naturally lose capacity over time due to charge/discharge cycling. All batteries in Bryton devices will share this characteristic. Under normal operating conditions, the batteries in Rider and Aero series devices should have more than 80% of their original capacity after a year of frequent charge/discharge cycles.

There are several factors that can accelerate the normal degradation of battery capacity including:
 - Exposure to high temperatures
 - Leaving the battery completely charged/discharged for long periods of time (longer than two weeks).

When storing the device long-term, it is recommended to partially charge the device (approximately 30 to 50%) and keep it in a cool, dry place. Some devices may require a full charge and discharge cycle before an accurate measure of battery capacity can be made.

B. Battery Does Not Retain Charge:

If the device battery does not retain charge, please try the following steps:

- Using the original Bryton USB cable, plug the device into a wall charger and allow it to charge for at least 6 hours. (In some cases the device will not show a charging icon but still may be accepting charge). If this does not work, try a different USB cable (if the second USB cable works, it may mean that your Bryton cable has sustained damage).
- Plug the device into the PC using the original Bryton USB cable. Using the Bryton Update tool, update the device and allow it to charge for at least 6 hours.

*If after allowing the device to charge, it does not react to the power button, please try performing a reboot (specific reboot button combinations can be found in the device user manual).

If after trying the above steps the device can still no longer retain battery life after a complete charge, please contact your nearest Bryton Dealer right away for repair in order to prevent further damage. It is also possible to contact Bryton Support at support_us@brytoncorp.net

* Device batteries will generally last 1-2 years before a replacement is necessary.

C. Device Does Not Display Charging Notification:

If the device does not display a charging notification when plugged in, using the original Bryton USB cable, plug the device into a wall charger and allow it to charge for at least 6 hours. (In some cases the device will not show a charging icon but still may be accepting charge). If this does not work, try a different USB cable (if the second USB cable works, it may mean that your Bryton cable has sustained damage).

If after trying the above steps the device can still no longer charge correctly, please contact your nearest Bryton Dealer right away for repair in order to prevent further damage. It is also possible to contact Bryton Support at support_us@brytoncorp.net

* Device batteries will generally last 1-2 years before a replacement is necessary.

D. Tips to Extend the Battery Life of a Bryton Cycling Computer

The advertised maximum battery life of Bryton Rider and Aero series GPS cycle computers is sometimes based on the minimal use of some features. If a device is experiencing a shortened battery life, there are several factors that could be affecting the battery life, including:
- GPS usage when recording outdoor activities (Multiple satellite usage for GNSS supported devices)
- Backlight usage
- Follow Track / Map usage
- Bryton Active usage
- 1 Second mode usage
- Use of Auto Scroll, Auto Lap and Pause features

System Settings that Can Be Adjusted to Extend Battery Life
 - Battery Saver Mode
 - Lower Backlight Intensity (in compatible devices)
 - Enable Backlight Timeout
 - Disable Alerts / Keytones
 - Disable Bluetooth / ANT+
 - Disable Wi-Fi
 - Enable Smart Data Recording
 - Disable GLONASS/ GALILEO / QZSS / BEIDOU from GPS settings

VII. Water Damage

Water damage occurs when the seal that provides water resistance to the device has failed or been altered.

Signs of Water Damage:
 - Dried water marks on the inside of the glass.
 - Pooling water inside the device (more than beads of condensation).
 - Device has become unresponsive after long periods of water contact.

If you believe that water damage has occurred, please contact your nearest Bryton Dealer right away for repair in order to prevent further damage. It is also possible to contact Bryton Support at support_us@brytoncorp.net

Condensation:
The appearance of fogging or moisture buildup inside of the device screen is a common occurrence caused by condensation and normally does not signify water damage.

Common Causes:
 - High Environmental Humidity
 - Device Stored in Cool Area
 - Gain / Loss in Altitude
 - Changing Temperatures (inside or around device)

These as well as other factors can cause water vapor to gather and condense inside of the cooler inner-screen, creating the appearance of fogging. This is common particularly on very warm, humid summer days or very cold, dry winter days where temperatures and moisture levels inside the device differ from the outside environment.

If condensation inside the screen should occur, open the rubber cover on the back of the device and allow air to circulate or place the device at room temperature until fogging clears. If fogging persists or if dried water droplet marks or large, running water droplets should appear, please contact local customer support.

VIII. EOL Outdated and Vintage Products:

Owners of Bryton Cycle Computers, Sensors, Watches and other fitness products may receive service and parts from Bryton service providers for 2 years after the product is no longer manufactured or announced to be End of Life (or longer where required by law). Bryton reserves the right to discontinue support for products that have been announced to be End of Life (EOL).

Outdated products are those that have not been manufactured for more than 2 years and less than 4 years. These products may continue to receive hardware service from Bryton dealers and service providers, subject to availability of inventory (or as required by law). If you find your product on the list of Outdated products, please contact your local Bryton dealer or support_us@brytoncorp.net for more information on availability.

Vintage products are those that were discontinued more than 4 years ago. Bryton has discontinued all hardware service for these products with no exceptions. Bryton dealers and service providers cannot order parts for Vintage products. If you find your product on the list of Vintage products, service will no longer be available for this device.

For a list of Outdated products worldwide, please see the list provided below:
  - Rider 530
  - Rider 330
  - Rider 310
  - Rider 10
  - Rider One
  - Rider 100

For a list of Vintage products worldwide, please see the list provided below:
  - Cardio 60
  - Cardio 40
  - Cardio 35
  - Cardio 30
  - Amis S630
  - Amis S430
  - Rider 210
  - Rider 200
  - Rider 60
  - Rider 50
  - Rider 40
  - Rider 35
  - Rider 30
  - Rider 21
  - Rider 20+
  - Rider 20

SECTION 06: Device/Software Compatibility
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I. Bryton Update Tool

A. Device Compatibility

Some previous generation Bryton devices may not be fully compatible with the Bryton Update tool.

For Rider 60, 50, 40, 35, 30, 21, 20+, 20 and Cardio 60, 40, 35, 30 devices, please use Bryton Bridge 2 to save riding records as bdx/gpx files. These files can then be manually uploaded to your Bryton account at https://active.brytonsport.com/

Bryton Bridge 2: https://www.brytonsport.com/#/supportResult?tag=BrytonTool

The above listed devices do not need to bind their UUID with the Bryton Active app to read uploaded rides and will display an error if trying to connect via Bluetooth.

B. PC Compatibility

Bryton Update Tool is compatible with Windows 7 (Service Pack 1) or later.
Bryton Update Tool is compatible with OS X Mavericks (version 10.9) or later.

*Some Windows 7 PC's may be unable to recognize the device successfully.

II. Bryton Active App

A. Device Compatibility

Some previous generation Bryton devices may not be fully compatible with the Bryton Active App.

For Rider 60, 50, 40, 35, 30, 21, 20+, 20 and Cardio 60, 40, 35, 30 devices, please use Bryton Bridge 2 to save riding records as bdx/gpx files. These files can then be manually uploaded to your Bryton account at https://active.brytonsport.com/

The above listed devices do not need to bind their UUID with the Bryton Active app to read uploaded rides and will display an error if trying to connect via Bluetooth.

B. Phone Compatibility

Bryton Active App is compatible with Android 5.0 or later.
Bryton Active App is compatible with iOS (version 10.1) or later.

III. Training/Workout Device Compatibility

Before creating/synchronizing a training from Bryton Active, please ensure that the device you are using is compatible with this feature. Although able to do workouts on the device, not all devices are compatible with this feature in the Bryton Active app. Please see the list of currently supported devices below:

A. Supported Devices
 - Rider 450
 - Aero 60
 - Rider 420
 - Rider 750

If the option does not appear in your Bryton Active app, it is possible that your device or current firmware version does not support App Trainings/Workouts. Please ensure that your device is updated and contact support_us@brytoncorp.net if you have any questions.

IV. Bryton Mount

Bryton "Rider" series computers are compatible with Bryton "Rider" mounts or inserts.
Bryton "Aero" series computers are compatible with Bryton "Aero" mounts or inserts.

If you are not sure which Bryton mount is right for your device/bicycle, please contact support_us@brytoncorp.net
*Please note that although similar in design, the "Garmin" mount is not fully compatible with Bryton GPS bike computers and may cause damage to the device or come loose during rides.

A. Mount Damage:
If damage should occur to a Bryton mount or the mounting bars of the device, please contact your nearest Bryton Dealer right away for repair in order to prevent further damage. It is also possible to contact Bryton Support at support_us@brytoncorp.net