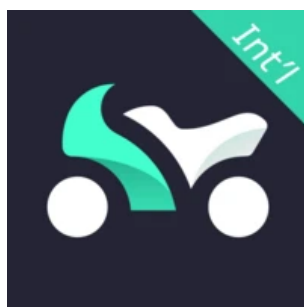




Carbit Ride

User Manual

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Languages: Arabic, Catalan, Czech, English, Farsi, French, Hebrew, Italian, Malay, Portuguese, Romanian, Russian, Spanish, Thai, Turkish

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1 Introduction to the Carbit Ride Software

1.1 General Description

Carbit Ride is a smart application designed specifically for two-wheeled vehicles.

App combines WiFi and Bluetooth connectivity, displaying vehicle information and multimedia entertainment, providing a convenient and smart solution for the driving experience.

1.2 Downloading the Application

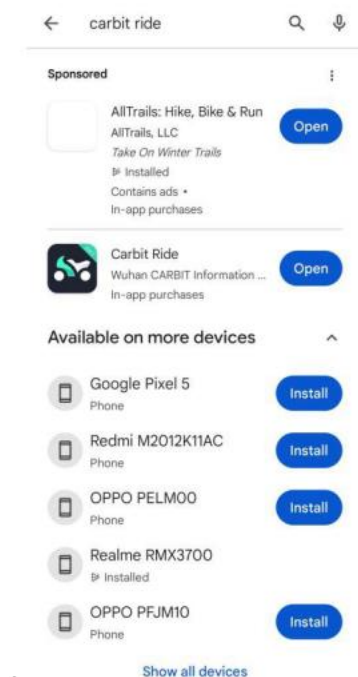
The Carbit Ride application can be downloaded by scanning the QR code displayed on the screen or by searching for it in the app store.

1.2.1 Download via QR Code

Scan the QR code displayed on the screen with your mobile phone and open the link in your browser. The download will start automatically. Once complete, install the application.

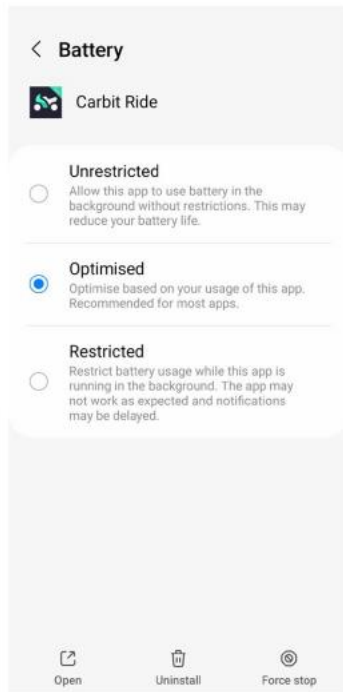
1.2.2 Download from the App Store

Search for “Carbit Ride” in your phone’s app store, then download and install it.



1.3 Installation

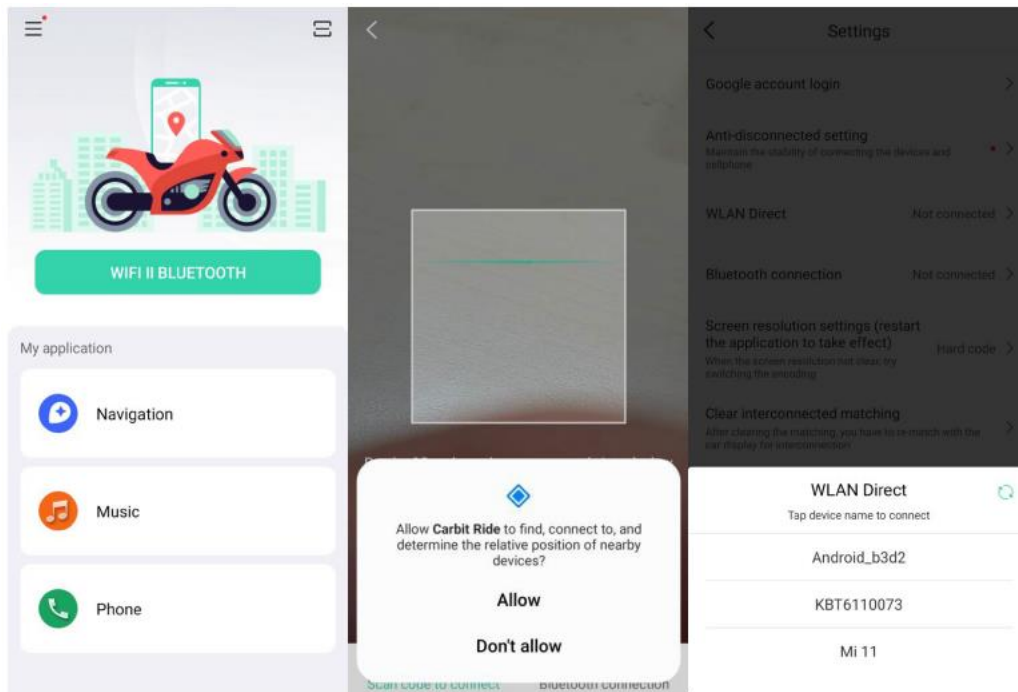
After downloading, select Install. Upon first opening, an authorization page and permission settings will appear – please accept all permission.



2 Mobile APP Connection via Wi-Fi

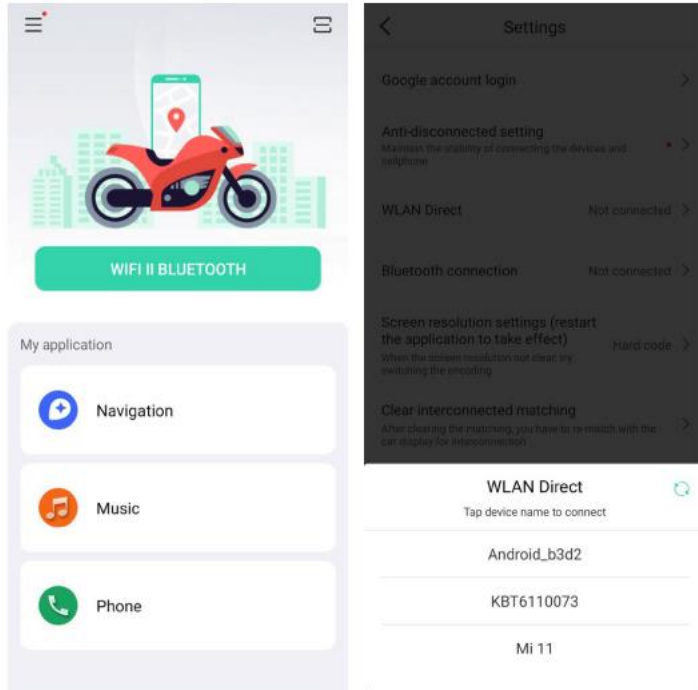
2.1 Connect by Scanning (Android)

1. Open the Carbit Ride app and select "Connect to vehicle."
2. Scan the QR code on the screen and follow the instructions to connect to the WLAN network.
3. The app will automatically initiate the connection without needing any additional configurations.
4. After scanning, the connection will be established, and a message will appear to activate the interconnection. Select "Connect now" to complete the process.



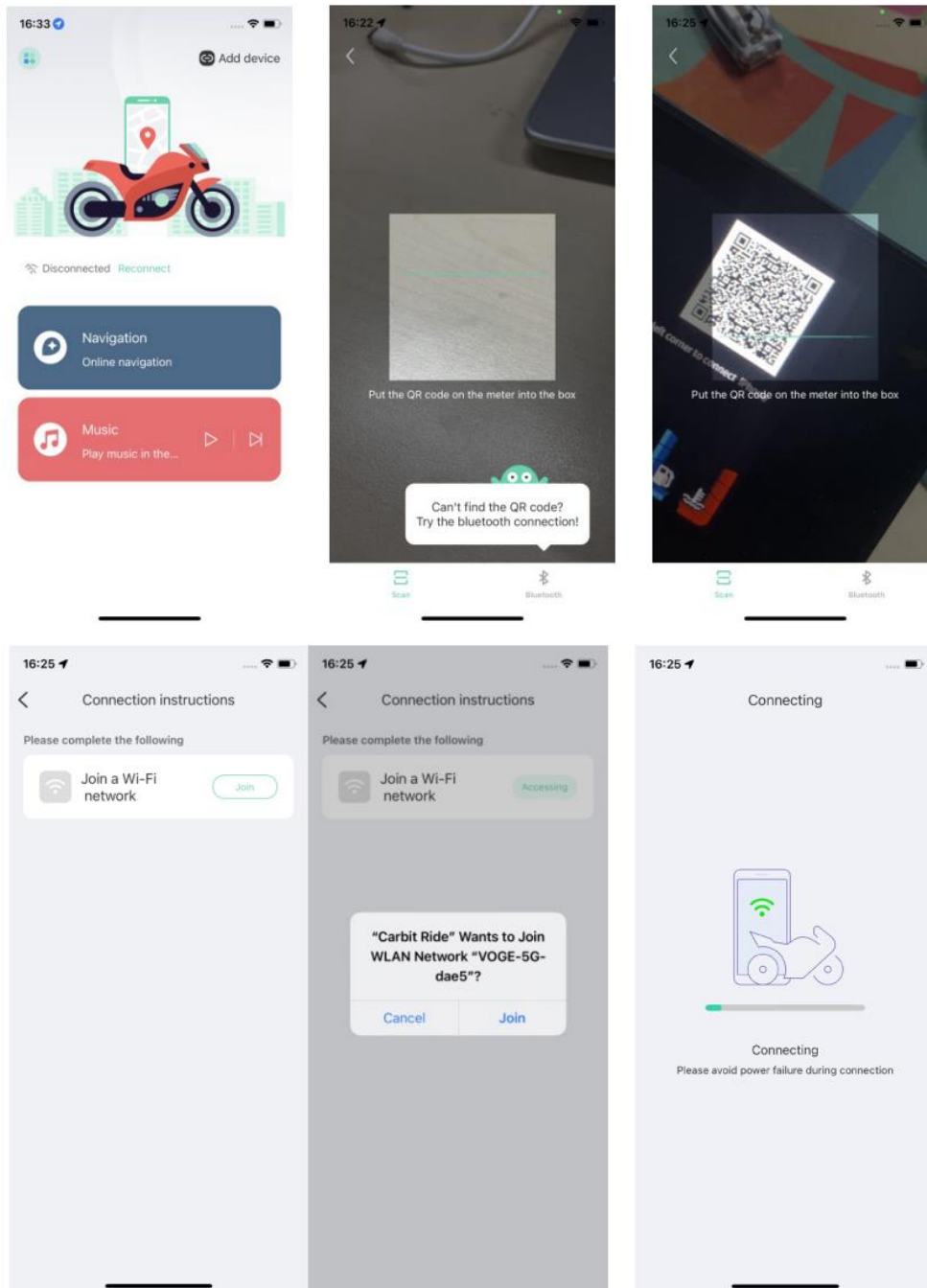
2.2 Manual Connection

1. Tap the three-line icon in the top left corner to open Settings.
2. Select “WLAN Direct Connection” and search for available devices.
3. Choose the Wi-Fi device matching the name shown on the motorcycle display.
4. Select “Connect Now” to complete the process.



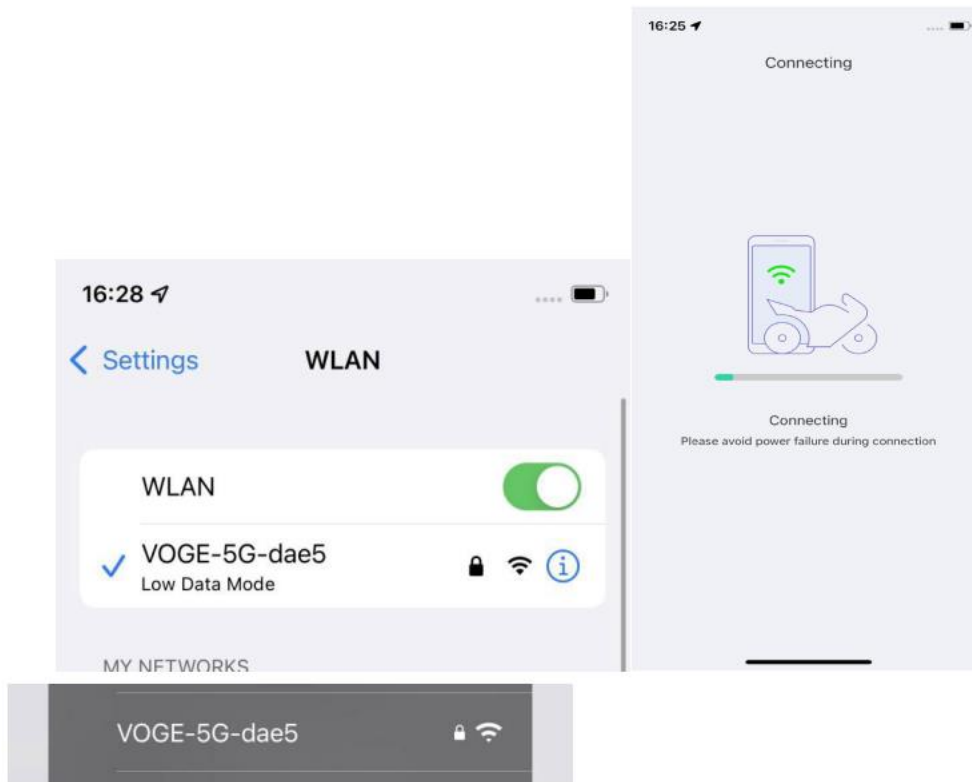
2.3 QR Code Connection (iOS)

1. Open the Carbit Ride app and select "Connect to Vehicle."
2. Scan the QR code on the screen and follow the instructions to connect to WiFi. The app will automatically initiate the connection without requiring additional configurations.
3. After scanning, the connection will be established, and a prompt will ask if you wish to activate the interconnection. Select "Connect now" to complete the process.



2.4 Manual Connection (iOS)

1. Open Wi-Fi settings and connect to the network displayed on the motorcycle screen.
2. Enter password: 12345678.
3. Reopen Carbit Ride, connection will be established automatically.

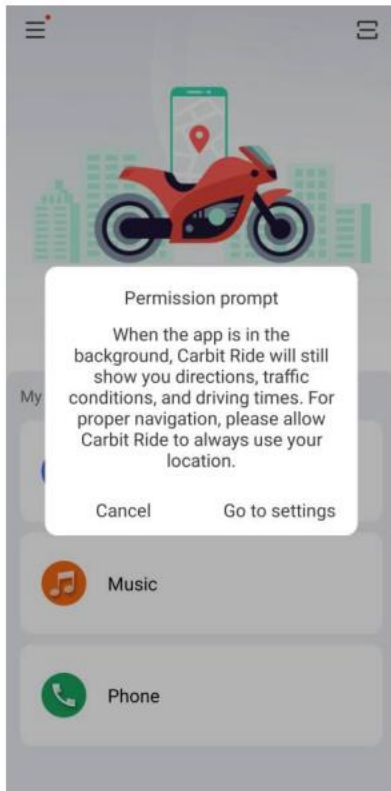


3 Anti-Disconnection Settings

3.1 Allow Background Operation

App Info → Permissions → Location → Allow All the Time.

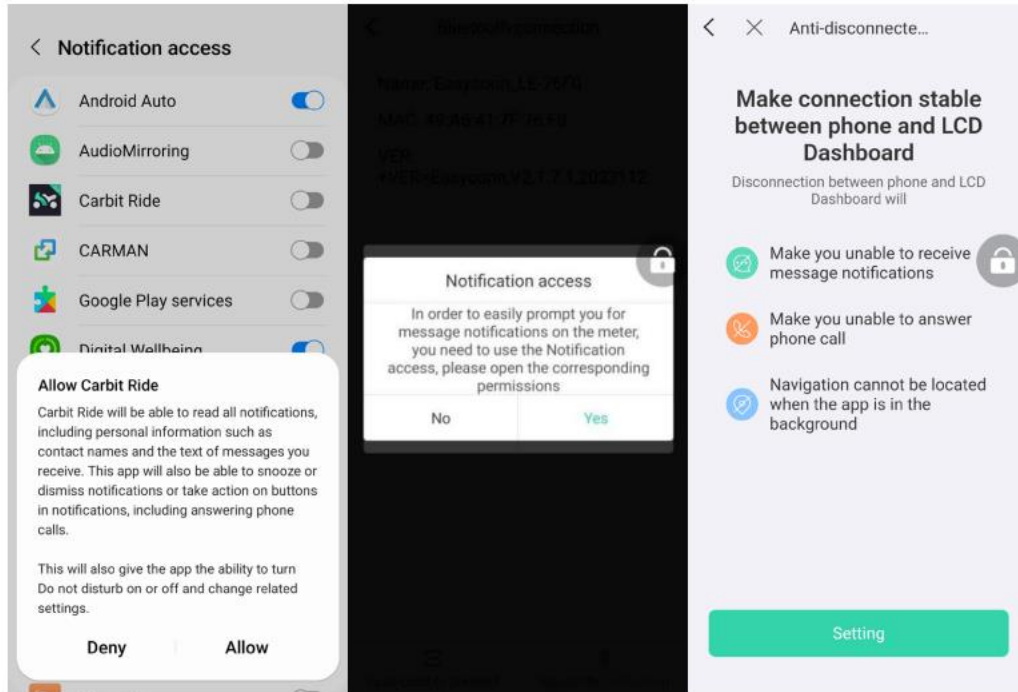
1. Long press on the "Carbit Ride" app and select "App info".
2. Select "Permissions".
3. Choose "Location".
4. Select "Allow all the time".



3.2 Enable Notifications

App Info → Notifications → Show Notifications.

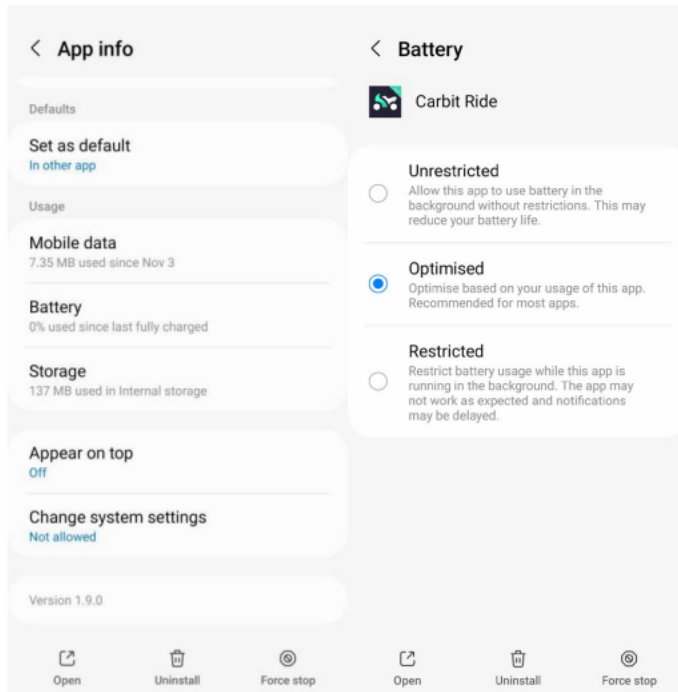
1. Long press on the "Carbit Ride" app and select "App info".
2. Select "Notifications".
3. Select "Show notifications".



3.3 Allow Automatic Startup

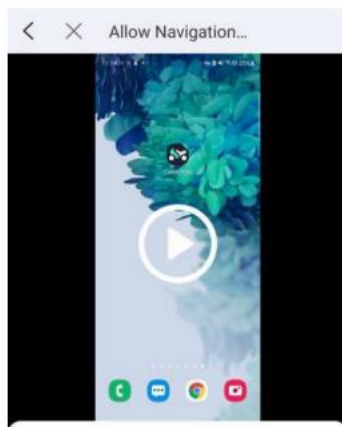
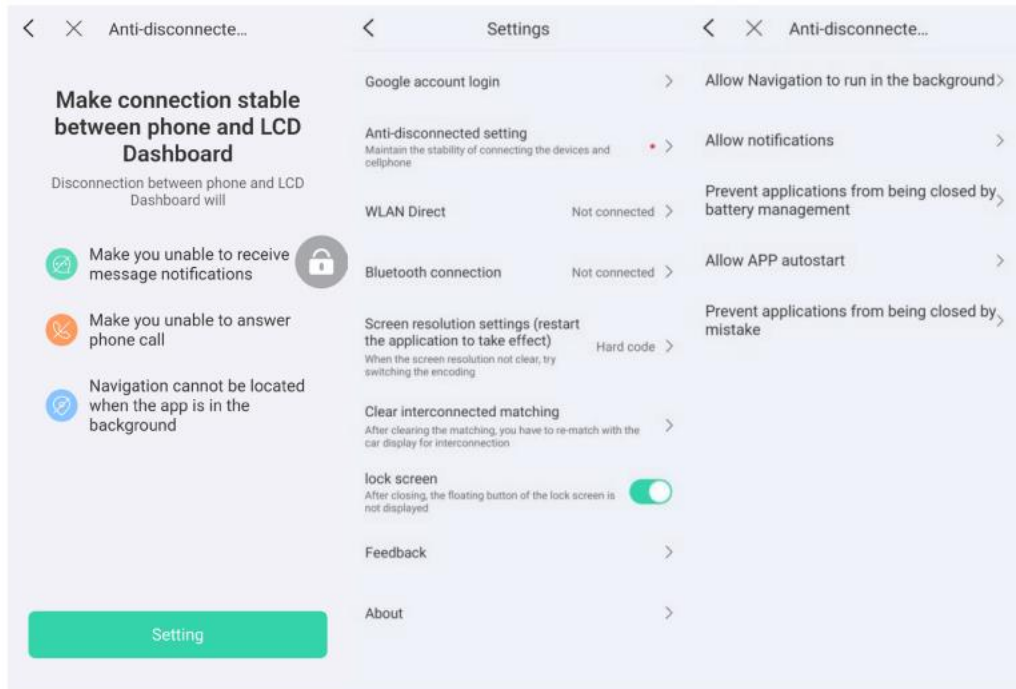
App Info → Battery → Allow Background Activity.

1. Long press on the "Carbit Ride" app and select "App info".
2. Select "Battery".
3. Select "Allow background activity".



3.4 Help Video

A help video explaining how to avoid disconnections is available from the icon in the upper-left corner of the application.



Start steps:

- ① Hold down [Carbit Ride] , press [App info]
- ② Select [Permissions]
- ③ Select [Location]
- ④ Select [Allow all the time]

*The setting of some devices may different,
please refer to the actual situation

4 Mapbox Navigation

4.1 Mapbox

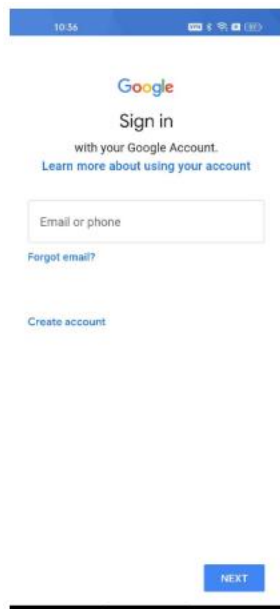
The CarbitRide application offers international navigation through Mapbox, allowing location viewing, address searching, route planning, and real-time navigation. This feature is available via subscription and requires payment.

The steps for activation are as follows:

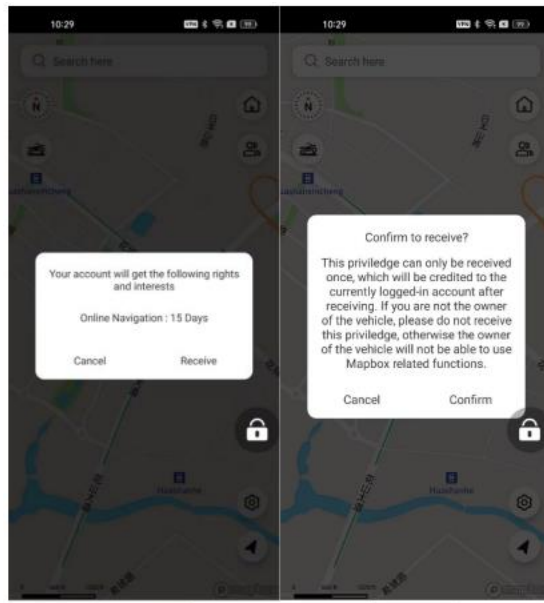
1. Connect Carbit Ride to the motorcycle TFT display.



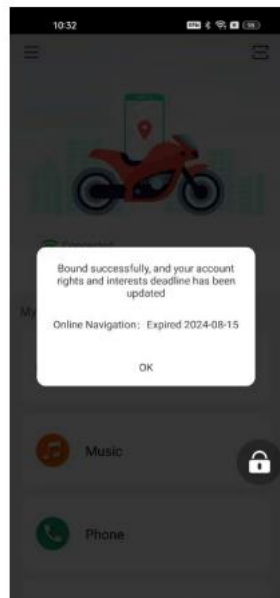
2. Tap Search and claim navigation rights.
3. Sign in with a Google account.



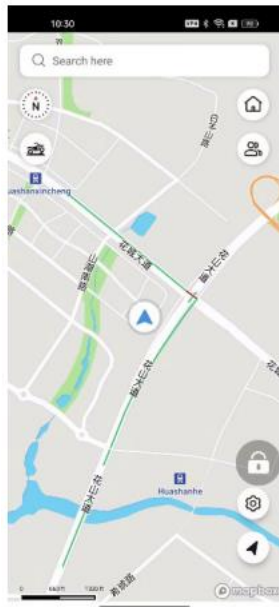
4. After authentication, press 'Search' again. Confirm rights assignment.



5. Rights are now associated with your account.



6. The 'Search' function is now available.



7. Search for the destination to start navigation, this will be displayed on the TFT screen.

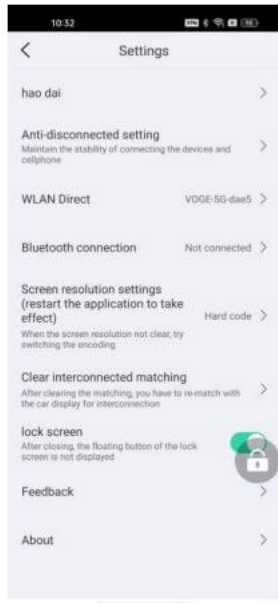


4.2 Subscription Plans & Pricing

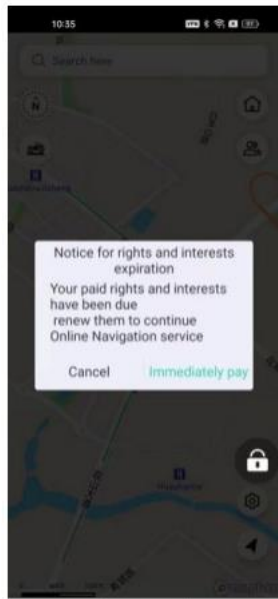
Carbit Ride requires premium access to unlock full online navigation and mirroring features on connected motorcycle and vehicle displays.

4.2.1 Manage account settings and subscription status.

You can access authentication in settings, where you can change accounts and check the remaining days.



After expiration, payment will be required. Using 'Search' will require payment. Tap Pay Now and select the desired subscription/product.



4.2.2 Pricing tiers

Pricing tiers primarily exist as a season, monthly, or yearly card, with localized European pricing generally structured as follows:

- Season Card (Trial): €0.99
- Monthly Card: €2.99 to €5.99 depending on regional promotions
- Yearly Card: €29.99

(prices as of 13.06.2026)

4.2.3 Free trial (for new bike)

New users typically receive an initial free trial (often 12 months) before opting into one of the subscription plans.

Connect to the Bike for the first time using the QR Code. Once the 1:1 hardware handshake is complete, the dashboard "tells" the app your vehicle chassis/VIN number is eligible for the manufacturer's 12-month promotion.

To verify the License Status, go to the User Profile / Personal Center tab inside the app. Look under My Subscriptions or Vehicle Rights. It should now display an active subscription expiration date set exactly 1 year into the future.

5 Additional information

5.1 CarPlay / Android Auto

There is no CarPlay nor Android Auto functionality provided by Carbit Ride app. Instead, Carbit Ride handles screen projection to Motorbike display.

5.2 Screen Mirroring

Carbit Ride screen mirroring has several strict limitations because it uses a simple, 1:1 screen projection technology managed by the Carbit Ride App (often linked with CarbitLink-EasyConnection), it directly copies your phone's screen instead of creating a custom smart interface.

Phone Screen Must Stay On and Unlocked

- No background running: Your smartphone screen must remain active, unlocked, and open to the exact app you want to see on your dashboard.
- Battery drain: Because your phone screen stays on constantly, it uses a large amount of battery power.
- Overheating: Some vehicles and motorcycle chargers cannot provide enough power to keep up, leading to a dead or overheating phone.

Video Streaming Blocks (Black Screens)

- Copyright rules: High-security streaming apps protect their content.
- No movies: Apps like Netflix or Disney+ will only show a black screen.
- Audio only: You will only hear the sound and see subtitles, but the actual video image will not appear on your vehicle's display.

Lack of True Dual-Tasking

- Exact copying: Whatever happens on your phone happens on your screen.
- No passenger help: If you pass your phone to a passenger to reply to a text message or make a call, your navigation map disappears from the dashboard.
- Display twisting: If your physical phone rotates into portrait mode, the display on your vehicle will rotate and distort as well.

Performance and Audio Glitches

- Laggy displays: The smoothness relies entirely on your phone's processor. Older or slower smartphones often experience extreme video lag.
- Sound routing issues: Users frequently report that audio fails to mirror correctly to the vehicle's speakers, forcing them to rely on phone speakers or bluetooth headsets.
- Unstable connections: The system suffers from frequent wireless drops and "Disconnected, retrying" error loops.

Weak Built-In Features

- Basic maps: The built-in native premium navigation features are highly limited.
- Missing alerts: It often fails to show speed limits, safety camera traps, or radar warnings.

5.3 Specific iOS issues

Connecting an **iPhone** to the Motorbike dashboard using the **Carbit Ride** app brings a very specific set of challenges. Because iOS handles screen mirroring and background activity much more strictly than Android, you will run into several severe hardware and software limitations.

5.3.1 iOS Issues

Extreme Battery Drain and Overheating

- **Screen Always On:** Your iPhone screen **must stay completely awake, unlocked, and on** the entire time you are riding. If you lock your phone or put it in your pocket, the connection will instantly drop.
- **High Heat:** Running GPS, Wi-Fi, and keeping the screen at full brightness at the same time generates massive heat. On a hot summer day, your iPhone might activate its internal thermal protection, causing the screen to dim heavily or the phone to shut down entirely.
- **Charging Struggle:** The USB port on the motorbike may not provide enough amperage to actually *charge* the phone while it mirrors; it will likely only slow down how fast your battery dies.

iOS App Restrictions (No Waze or Google Maps Mirroring)

- **The "Black Screen" Trap:** Apple's security protocols block map applications like Google Maps, Apple Maps, or Waze from being streamed via standard 1:1 screen mirroring while the app is interactive.
- **Useless Dashboard Maps:** You are largely forced to use the native map system built directly inside the [Carbit Ride iOS App](#). Many riders find this map very basic, as it often struggles with custom routing, avoiding highways, or providing real-time radar/speed trap warnings.

The Wi-Fi Connection Struggle

- **Wi-Fi Hijacking:** Carbit Ride uses a localized Wi-Fi hotspot to stream the data to the Motorbike screen.
- **Connection Loop:** If your iPhone tries to automatically connect to known home/work Wi-Fi networks as you start your ride, or if you leave your cellular data settings unoptimized, the bike's screen will repeatedly disconnect or throw QR code scanning errors.

Audio Routing Mess

- **Bluetooth Conflict:** Your iPhone will try to send audio (music/navigation cues) through the Wi-Fi mirror link to the motorcycle. However, because you need that audio in your helmet's Bluetooth headset (like a Cardo or Sena), the audio channel often gets completely scrambled. You may get no sound at all, or highly distorted audio.

5.3.2 Best Tips to Make It Work Better

If you want to use the built-in screen despite these flaws, follow this exact setup order:

1. **Disable Auto-Lock:** On your iPhone, go to *Settings > Display & Brightness > Auto-Lock* and set it to **Never**.
2. **Disconnect Other Wi-Fi:** Before turning on the bike, manually disconnect your phone from your home Wi-Fi.
3. **Connect via the App:** Turn on the Motorbike display, open the Carbit Ride App on your iPhone, use the app's scanner to scan the QR code on the dashboard, and accept the prompt to join the bike's Wi-Fi network.

5.3.3 The Ultimate Solution: External CarPlay Screen

Most Motorbike owners eventually give up on Carbit Ride and buy a dedicated, waterproof **Motorcycle Apple CarPlay screen** (such as a [Carpuride](#) or a similar unit).

- These screens clamp onto your handlebars.
- They provide **true, wireless Apple CarPlay**.
- Your iPhone can stay locked safely in your pocket or tank bag, saving battery life and preventing overheating.

--- End of Document ---