



RIDEON YOUR VISION

NOTE: Sections marked in **grey** are under construction and will be made available in coming software updates.



TABLE OF CONTENTS

1. [OVERVIEW](#)
2. [WARNINGS](#)
3. [QUICKSTART](#)
4. [GETTING STARTED](#)
5. [ON THE SNOW](#)
6. [RIDEON APP](#)
7. [TROUBLESHOOTING](#)
8. [MAINTANANCE](#)
9. [SUPPORT](#)



INTRO

Augmented Reality (AR) is the next big thing.

AR represents a shift in human technology comparable to the advent of smartphones and personal computing before them. It is the bridge between the virtual and the real. From social interaction to logistics, entertainment and economics, the world is about to change drastically.

Congratulations – In your hands, you hold the first step to this new technology.

We've enjoyed combining AR with our passion for snow sports, and now it's your turn. With RideOn goggles, your ski experience will be more interactive, intelligent, and entertaining.

RideOn's AR will be there when you need maps, music, your buddies, and much more. You'll see all of this virtual information dexterously integrated into the mountain and people around you. And all of this connectivity is accessed hands-free, using just your vision.

In this manual, you'll find all you need to get started. Read it, then go shred some slopes already!

Keep Riding,
Team RideOn



OVERVIEW

RIDEON GOGGLES



RideOn Beta is here, and it will change your ski experience. The goggles combine aviation-style inertial sensors, GPS, and a built-in video camera with a see-through display. Together, these modules project virtual graphics and features into your eye and onto their accurate, real-world counterparts. Suddenly, the slopes just got smarter.

RideOn goggles offer a host of features that will bring interactivity, navigation, and more to your next ski trip. You can see your friends' locations in the distance and call them, or send an SMS message hands-free. When you need to navigate the mountain, just pull up a virtual resort map, reorient yourself, and get back to skiing. Other features include hands-free control of your phone's music player, and video recording so you'll never forget your friend's awesome faceplant.

The goggles are connected to RideOn's app on your smartphone. The app brings connectivity to friends, lets you download from hundreds of resort maps worldwide, and allows customization of RideOn's settings so that they fit your personal ride style.



The goggles themselves are durable and protective. UVA 400 lenses protect your eyes from the snow's glare, and can be easily switched out, cleaned, and replaced thanks to RideOn's lens-lock system. Three layers of foam and RideOn's adjustable, slip-proof headband maintain an ergonomic and comfortable fit. The housing of RideOn's sensors and on-board computer look sleek and modern, so be prepared for enthusiastic questions from fellow riders on your next ski trip.

As this is RideOn Beta, you're likely to run into a few bugs and glitches. Don't fret, just contact Team RideOn through the phone app, or shoot us an email at support@rideonvision.com. We'll be happy to help fix your issue and get you back on the snow. **Meanwhile, we'll be updating your goggles weekly with the most recent features and bug fixes.**

RideOn Beta is here and will change the way you ski. We can't wait to hear your feedback.

IN THE BOX

Your box comes with:

1. RideOn goggles equipped with UV lens and a head strap
2. Quickstart pamphlet



WARNINGS



- Always prioritize your skiing before the operation of the goggles.
- In case of loss of situational awareness, safely stop skiing, remove goggles and regain situational awareness before continuing skiing.
- Do not operate when boarding or departing any transport-related devices such as ski lift, T-bar, etc.
- Do not stand still on an active slope and operate goggles; doing so may cause collision with other skiers.
- Do not actively operate goggles while skiing.
- Do not manage information, i.e. placing calls or sending messages while skiing.
- Do not use goggles if the display visuals disturb your ability to safely ski or snowboard in any way.
- Do not aim head toward objects displayed on goggles. While skiing, your attention should always be on the ski path.
- Failure to adhere to the above warnings may result in injury or even death.



- Use for ski-related sports only.
- Do not use goggles for any of the following: driving, running, bike riding, walking in an urban environment or stairways or any other activity that is not a ski-related sport.



- Riders must be 13 years or older to use RideOn goggles.



- In case of a damaged/cracked lens/display module, do not use goggles until the damaged/cracked part is replaced.
- If you experience any abnormal symptoms such as headache or eye strain etc., remove goggles, take a break from any activity for several minutes, and consult with a doctor immediately.
- Do not use with glasses. Possible consequences include loss of sight, serious bodily injury or even death.
- Do not improvise or install your own electric components or otherwise tamper with any of the components of the goggles.
- Be aware of changes in slope difficulty and pistes. While resorts may change pistes, these updates may not reflect on RideOn maps. Use RideOn maps at your own discretion.
- Never charge the battery at or near high temperatures, such as heaters or an open flame.



- **Aviation-related interference:** Turn off goggles when in proximity to aircraft (including helicopters) or airport.
- **Medical-related interference:**
 - Turn off near medical devices and hospitals.
 - If you use a pacemaker, consult your doctor before using RideOn goggles.
- **RideOn's WiFi capabilities:**
 - Turn off when in proximity to places where blasting is in progress.
 - Turn off near flammable chemicals and when refueling in gas station, etc.

SYSTEM REQUIREMENTS

Android operating system - Android 4.2.2 or greater

iOS (iPhone) – iOS 7 or greater

Trademarks

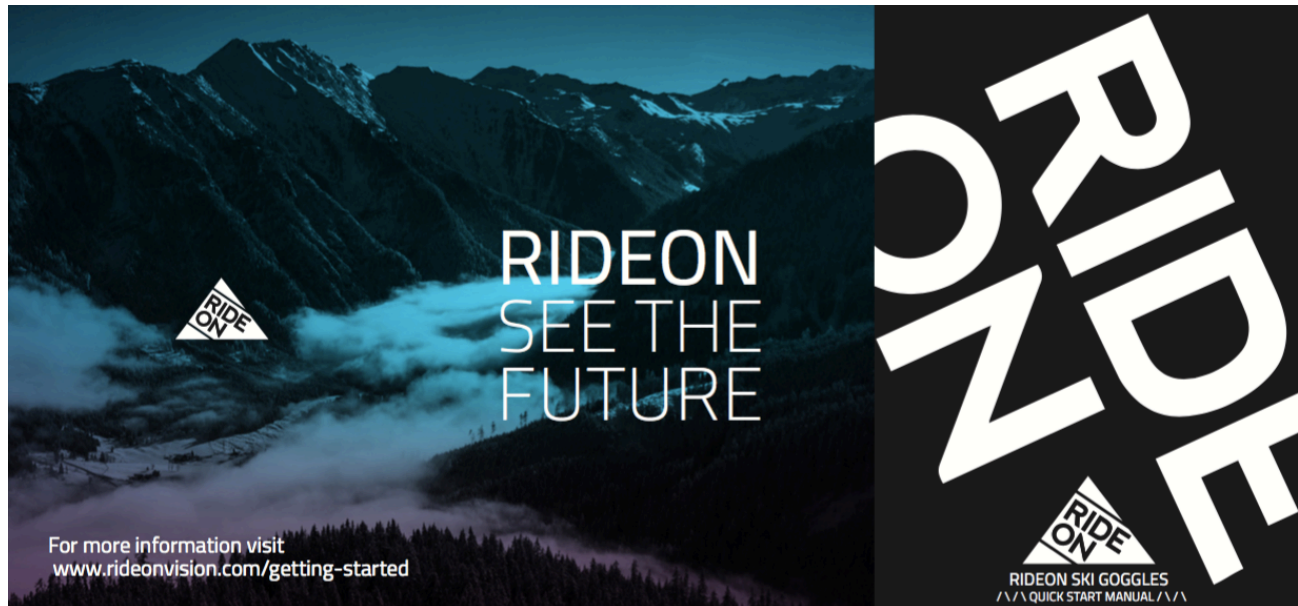
Android and Google Play are registered trademarks of Google, Inc.

Apple, Mac and iPhone are registered trademarks of Apple, Inc.

RideOn goggles are a registered trademark of RideOn, Inc.



QUICKSTART PAMPHLET (SUPPLIED IN THE BOX)



WARNING
SITUATIONAL AWARENESS HAZARD

- Always prioritize your skiing before the operation of the goggles.
- In case of loss of situational awareness, safely stop skiing, remove goggles, and regain situational awareness before continuing skiing.
- Do not operate when boarding or departing any transport-related devices such as ski lift, T-bar etc.
- Do not stand still on an active slope and operate goggles; doing so may cause collision with others skiers.
- Do not actively operate goggles while skiing.
- Do not manage information, i.e. placing calls or sending messages while skiing.
- Do not use goggles if the display visuals disturb your ability to safely ski or snowboard in any way.
- Do not aim head toward objects displayed on goggles. While skiing, your attention should always be on the ski path.
- Failure to adhere to the above warnings may result in injury or even death.

WARNING
AGE RESTRICTION HAZARD

- Riders must be 13 years or older to use RideOn goggles.

WARNING
EYE STRAIN and INJURY HAZARD

- In case of a damaged/cracked lens/display module, do not use goggles until the damaged/cracked part is replaced.
- If you experience any abnormal symptoms such as headache or eye strain etc., remove goggles, take a break from any activity for several minutes, and consult with a doctor immediately.
- Do not use with glasses. Possible consequences include loss of sight, serious bodily injury or even death.
- Do not improvise or install your own electric components or otherwise tamper with any of the components of the goggles.

WARNING
SKI ONLY

- Use for ski-related sports only.
- Do not use goggles for any of the following: driving, running, bike riding, walking in an urban environment or stairways or any other activity that is not a ski related sport.

WARNING
WIFI COMMUNICATION INTERFERENCE HAZARD

- **Aviation-related interference:** Turn goggles off when in proximity to aircraft (including helicopters) or airport.
- **Medical-related interference:**
 - Turn off near medical devices and hospitals.
 - If you use a pacemaker, consult your doctor before using RideOn goggles.
- **RideOn's WiFi capabilities:**
 - Turn off when in proximity to places where blasting is in progress.
 - Turn off near flammable chemicals

1 - Download RideOn App

2 - Run app and follow tutorial

3 - Learn using simulation mode

4 - Charge up your goggles

5 - Shred up the mountain

Congratulations!
You have the world's best ski goggles

RideOn is a trademark of RideOn Ltd.



GETTING STARTED

SUMMARY:

Turn on the goggles, then open the RideOn app available on [Google Play \(Android\)](#) or in the App Store (iPhone). Follow the installation tutorial in the app - log in; edit profile; pair goggles to RideOn app; calibrate goggles; and download a relevant resort map to your app (see [RIDEON APP](#) for more on the in-app features).

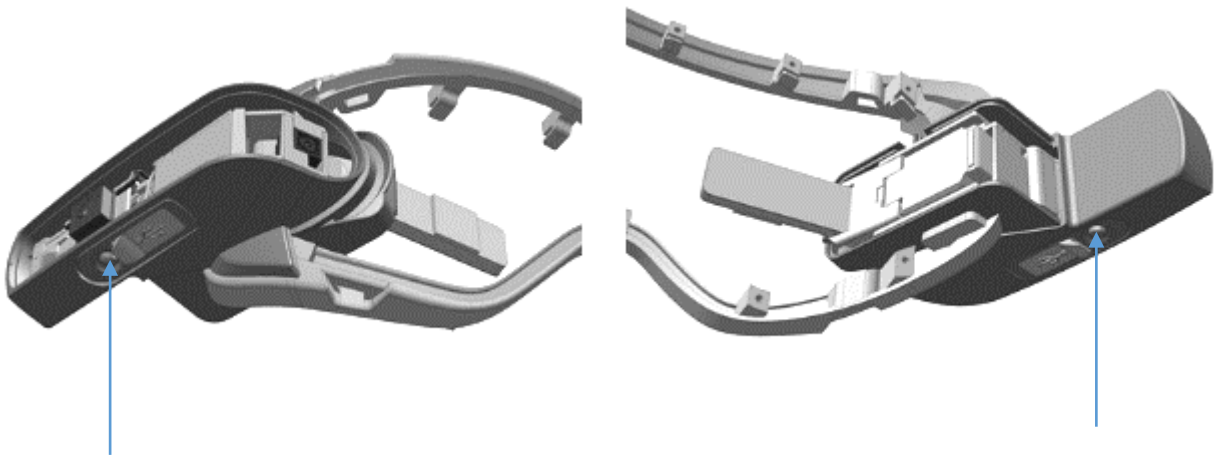
NOTE: After a long period of storage (i.e. off-season), RideOn's battery will require 3 to 6 'battery cycles.' 1 cycle means charging the goggles full, and then letting the battery drain.

ON/OFF BUTTON, POWER INDICATOR & SKI CONFIGURATIONS

ON/OFF BUTTON - IMPORTANT!

1. **To turn the goggles ON/OFF** - Long-press for more than 1 second on the button.
2. **To switch visual projection ON/OFF** - Click-press the button once (you should feel and hear a click, then let go).

Note: If your goggles are ON but there are no visuals in the projection screen, first try click-pressing the ON/OFF button. If problems persist, email us at support@rideonvision.com.





The Power Indicator - This LED lights up to indicate 3 different modes. Their meanings are:

1. **Constant green light** - Goggles are on.
2. **Constant red light** - Goggles are charging.
3. **Blinking red light** - Goggles are connected to charger, but aren't charging (usually because battery is full).

Ski Configurations:

1. RideOn goggles owner:

- a. **All RideOn features available if** - Both goggles *and* RideOn app are ON.
- b. **If only goggles ON, but RideOn app OFF** - All features available, except for communication features and goggles status (via Heartbeat page) ([see RIDEON APP](#))

2. RideOn app user:

- a. When NO goggles *and* RideOn app activated - The following features are available:
 - i. Send GPS location to friends with RideOn goggles
 - ii. Enable RideOn goggles owner to send SMS/voice calls to the app user
 - iii. Under Development:
 1. *Friends Radar* - See your RideOn friends' locations around you on an in-app radar
 2. Send messages to your RideOn friends via the app



SET UP

Wearing the goggles - Always adjust the head strap while the goggles are on and working in order to fix the see-through display over your right eye.

1. Make sure **goggles are ON**.
2. Set goggles to **SIM MODE** from the RideOn app's Heartbeat screen ([see SIM MODE](#)).
3. **Wear** your helmet (safety first!).
4. **Loosen** the headband, and wear the goggles around your helmet.
5. **Tighten** goggles' headband so that they fit your face snugly yet comfortably, and won't slip while skiing.
6. Finally, check that the see-through display's **projection screen is clearly visible** in your right eye. All four sides of the screen should be clear and not "cut" out of view.
 - a. If the visuals seem "cut," keep adjusting the goggles' strap & positioning on your face until you see the full, clear projection screen.

NOTE: DO NOT attempt to physically move/position the see-through display! It is fixed in place to prevent damage to electronics. Tampering with the see-through display will disable the goggles' functionality as well as increase the chances of injury to your eye.



SIMULATION MODE

Simulation Mode ("SIM MODE") will train you to use RideOn's features at home, before you've arrived at the ski resort. Play around with the features until you feel comfortable with the user interface. Record a video, play a music track, and bring up a resort map.

Note: To clearly see the visual elements of the projection screen, make sure you are looking in the far distance (i.e. outside the window) and not at close objects in a room.

Operable Features in SIM MODE:

1. **Sky Icons** - Located in the sky above, and are operated hands-free by navigating the + in the middle of the projection screen over the icon using your head movements (see [STANDING FEATURES](#)).

NOTE: For an example of **how to operate the + cursor** hands-free, watch [this clip](#).

- a. **Music Player** - Toggles music ON/OFF.



- Play



- Pause

- b. **Video Camera** - Toggles the video camera ON/OFF.



- Record ON/OFF

- c. **Resort Map** - Toggles the resort map ON/OFF.



- Map Display ON/OFF

2. **Points of Interest ("POIs")** - In the simulated ski resort, you'll see POIs such as lifts, restaurants, bars, lodges, etc. (see POIs)

POI icon	Meaning	POI icon	Meaning
	Closed lift		Restaurant
	Open lift		Bar



ON THE SNOW

GOGGLES OPERATIONAL FEATURES AND REQUIERMENTS:

1. **Navigation Features** - In order to use maps and POIs with your RideOn goggles, you must first download a resort map from our map database ([see STANDING FEATURES](#)).
2. **Video Feature** - Requires working goggles.
3. **Communication Features** - To see friends and interact with them (i.e. hands-free SMS & voice calls), you must have working goggles & the RideOn app. In addition, the friend with whom you want to interact must also have the RideOn app activated on their phone.
4. **Music Player Feature** - Requires headphones connected to your phone (wired or wireless).



RIDEON'S AUGMENTED REALITY FEATURES

SUMMARY

In-Ride Features - Features available while skiing the piste:

1. **Rider Data** - Shows speed & altitude
2. **Pop-Up Map** when approaching piste junction

Standing Features - Features available only while standing still, or while riding a lift (explanation of each to follow):

1. Control of **RideOn's hands-free user interface**
2. Activation/deactivation of the **Video Camera**
3. **Music Player** control
4. Activation/deactivation of the **Resort Map**
5. **POIs** (Points of Interest)
6. **Communication** features:
 - a. **Friends Finder**
 - b. **Friends Icons**
 - c. **Voice calls & SMS**
 - d. **Share your augmented ride**



IN-RIDE FEATURES:

- 1. Rider Data** - Rider's speed (velocity) and altitude are presented in the bottom right corner of the projection screen. In addition, a blue bar on the right side of the screen fills up as your speed increases (0-100). The preset for both is kilometers per hour for velocity and meters for altitude, but you may change to imperial units ([see RIDEON APP - MENU](#)).



- 2. Pop-Up Map** - When you approach a junction while skiing, a miniature map will appear in the bottom left corner of the projection screen. This map will help you navigate the slopes, but only just-in-time as not to disturb you. The map will only appear when your distance is 100 meters from the junction.



STANDING FEATURES:

1. **Control of RideOn's hands-free user interface** - You will activate goggles features hands-free, using your head-movements to control the + cursor in the center of the goggles projection screen.

NOTE: For an example of **how to operate the + cursor** hands-free, watch [this clip](#).

2. **Activation of the Video Camera** - RideOn's hardware includes an on-board video camera.
 - a. To turn the camera on/off, simply aim the + cursor over the Video Camera icon in the sky for 1 second, using your head movements.



- VIDEO CAMERA ICON

- b. When the video camera is recording, a red light will flash in upper right corner of the projection screen.

NOTE: Before connecting your goggles to a computer and uploading your videos, ***you must first:***

- Make sure the goggles are on and working
- Click-press the ON/OFF button to turn the screen OFF
- After these first two, you may connect the goggles to the computer.

3. **Music Player** - RideOn's Music Player app will pause/play your phone's last-played music app.

- a. To toggle the Music Player ON/OFF, simply aim the + cursor over the PLAY/PAUSE icon in the sky for 1 second, using your head movements.
 - b. Connect your phone to Bluetooth headphones for the best, wireless AR music experience on the slopes.



- MUSIC ACTIVATION ICON



- MUSIC DEACTIVATION ICON

4. Resort map - You can download a virtual resort map that includes pistes and POIs like lodges, lifts, and bars. To see a list of countries in which resort maps are available, see **TABLE 1** below.

- a. Resort Maps and instruction on downloading them are available at www.rideonvision.com/getting-started.
- b. To toggle the Resort Map, simply aim the + cursor over the map icon in the sky for 1 second, using your head movements.
- c. On the map, a red arrow will indicate your position in the resort. This arrow points in the cardinal direction in which you are staring while wearing RideOn goggles.



- MUSIC DIACTIVATION ICON

5. Points of Interest (POIs) - RideOn goggles project virtual icons into your field of view that represent physical attractions like lifts & T-bars, restaurants, bars, & lodges, friends' locations, etc. POIs icons can be toggled ON/OFF via GOGGLES MENU screen – see page X.

POI ICONS



CLOSED LIFT



OPEN LIFT



RESTURANT



BAR



6. Communication features:

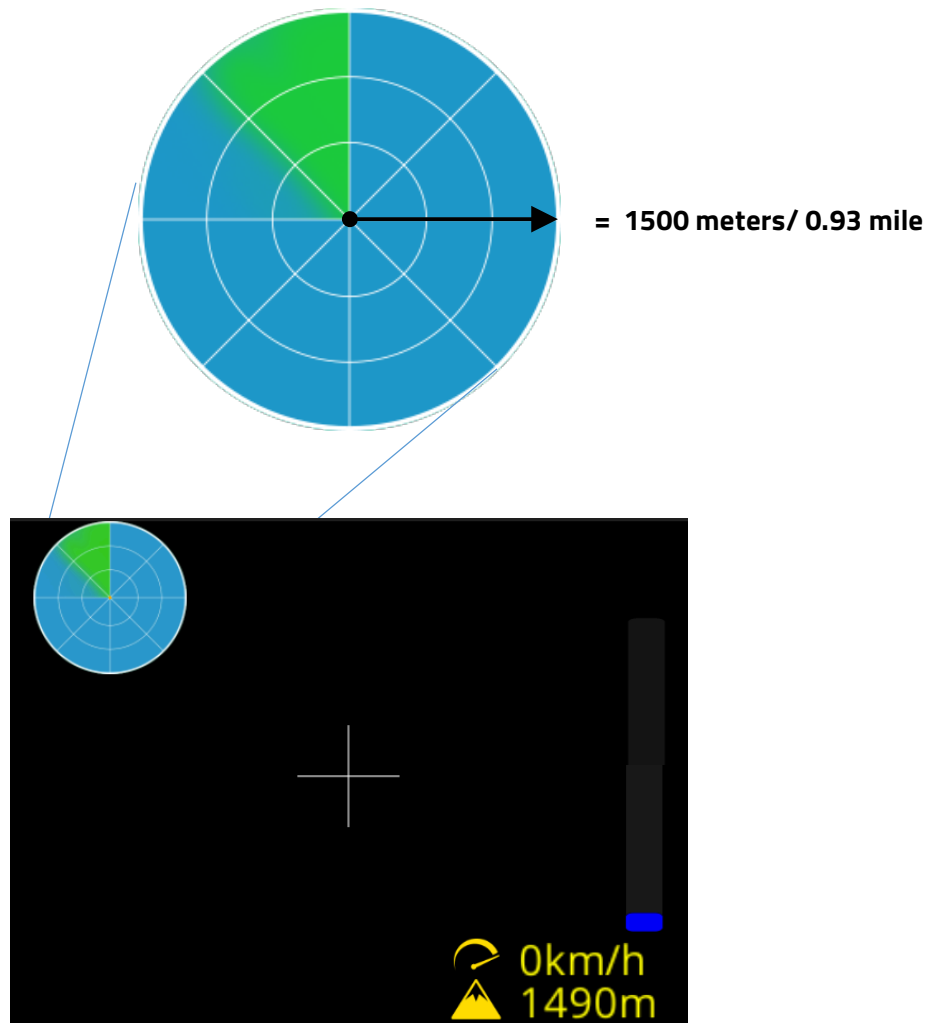
All communication features are available to people you are friends with on the RideOn app
(see RIDEON APP - FRIENDS)

- a. **Friends Finder (Radar)** - In the upper left corner of the projection screen, you will see a radar that reflects the locations of your active friends. These friends will show up as yellow dots on the radar.

Feature specifications:

- The center of the Friends Radar represents your location
- The outer circle measures 1500 meters/0.93 mile from your location
- The top half of the radar shows friends in front of you, while the bottom half shows friends behind you.

Radar radius is 1500 meters/0.93 mile





The following are requirements for using the Friends Finder feature:

- i. **Hardware** - Smartphone with RideOn app
 - ii. **Connection** - Both RideOn user and friend(s) must have internet connectivity.
 - iii. **App**
 - 1. You must be logged in to the RideOn app
 - 2. App must be actively working (although screen can be locked)
 - iv. **Permits** - You and your friend(s) must be in-app 'friends' (see RIDEON APP - FRIENDS).
 - v. **Range** - Estimated range for this feature is 1500 meters/0.93 mile. Range may change pending weather conditions.
- b. **Friends picture icons** - RideOn goggles project virtual icons, fixed to the accurate locations of your real-world ski buddies, so you'll never lose your ski crew!
- i. For these icons to be present, refer to the above Friends Finder requirements.
 - ii. To activate/deactivate a **Friends Interaction Menu**, simply aim the + cursor over the Friend Icon (of the friend with whom you would like to interact) for 1 second, using your head movements. The interaction menu will appear as icons floating above that friend. The different icons will allow you to call/text.
- c. **Voice calls & SMS** - You can send and receive voice calls and SMS to your active friends.
- Note:** While you can receive calls and SMS from anybody, you may only perform outgoing calls and SMS to your RideOn friends, and only when their Friends Icon is visible in your field of view.
- Video tutorial – How to send an SMS message to a friend - [LINK](#)
- i. **Incoming Voice Calls** - When a call is received, the usual feature icons in the sky will disappear, and two new icons will take their place:
 - 1. **Red** - Decline call
 - 2. **Green** - Accept call
- While in a call, all icons in the sky will remain, except the Music Player icon will change into a Red - Hang Up icon. To activate any of the above call features,



simply aim the + cursor over the desired icon for 1 second, using your head movements.

ii. **Outgoing Voice Calls** - You can call a friend in the distance.

Instructions to call a friend:

1. Activate the **Friends Interaction Menu** (see Friends Icons above)
2. Aim the + cursor to the phone icon for 1 second
3. The call will be sent
 - While in a call, all icons in the sky will remain, except the Music Player icon will become a Red - Hang Up icon.

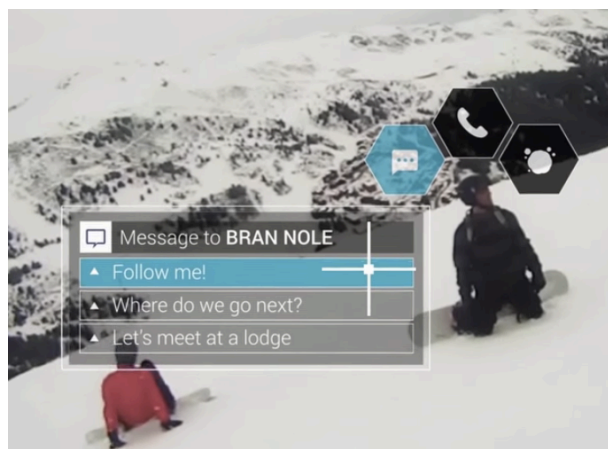
iii. **Incoming SMS** - When your phone receives an SMS message, the message will appear above the icons in the sky, like a phone notification:

1. To close an SMS message, simply aim the + cursor at the "close" icon for 1 second and the message will disappear (but won't be deleted)
2. To close all waiting SMS messages, simply aim the + cursor at the "close all" icon for 1 second and the messages will disappear (but won't be deleted)

(Picture of a received SMS)

iv. **Outgoing SMS** - You can send a preset SMS message to an active friend in the distance:

1. Activate the **Friends Interaction Menu** (see Friends Icons above)
2. Aim the + cursor at the SMS icon for 1 second
3. A list of 5 preset SMS messages will pop up (edit SMS presets, pg. X)
4. Aim the + cursor at the SMS you'd like to send for 1 second
5. That SMS message will be sent to your active friend





d. **Share your augmented ride** – A video recording of the ski resort with augmented visual features as you saw them while riding with your friends on social networks or with the entire RideOn international community.

i. **Choose a specific video:**

1. Go to the goggles media library.
2. Choose a file by double tapping on its file icon.

ii. **Choose social media platform :**

1. **FACEBOOK :**

- **Choose FRIENDS SHARE:** Publish the video on **your** wall.

- **Choose COMMUNITY SHARE:** Publish the video on **RideOn's** wall.

2. **INSTAGRAM:**

- Play the video and pause it on the image you would like to share

- Set the square where you would like the picture to crop.

- **Choose FRIENDS SHARE:** Publish the video on **your** wall.

- **Choose COMMUNITY SHARE:** Publish the video on **RideOn's** wall.

3. **YOUTUBE :**

- **Choose FRIENDS SHARE:** Publish the video on **your** channel.

- **Choose COMMUNITY SHARE:** Publish the video on **RideOn's** channel.



TABLE 1 - Countries with map coverage

Asia	Australia	Europe	North America	South America
Japan	New Zealand	Austria	Canada	Argentina
Russian Federation		Bulgaria	USA	Chile
		France		
		Germany		
		Italy		
		Spain		
		Switzerland		
		United Kingdom		



RIDEON APP

Go to [Google Play \(Android\)](#) to download the RideOn app.

FUNCTION SCREENS:

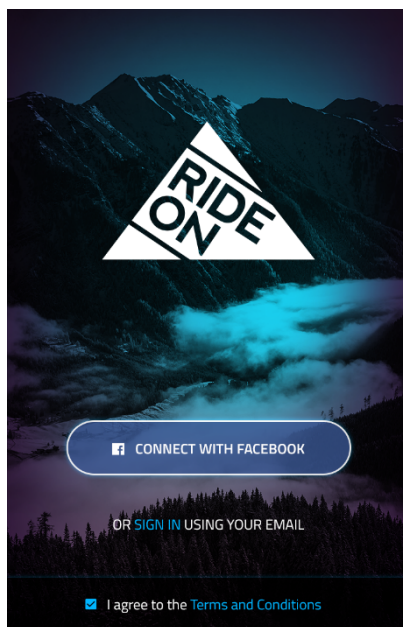
1. [SIGN-UP](#)
2. [EDIT INFO](#)
3. [PAIRING](#)
4. [SOFTWARE UPDATE](#)
5. [CALIBRATION](#)
6. [HEARTBEAT](#)
7. [RESORTS \(MAPS\)](#)
8. [FRIENDS](#)
9. [MENU](#)



SIGN-UP

You can sign up for the RideOn app two ways:

1. **Facebook** (recommended) - This option will automate the sign-up process, and will make some processes easier by, for example, importing your Facebook friends and profile picture so you don't have to.
2. **E-Mail** - This option will require you to enter your profile information manually, as well as manually handle friends, profile picture, etc.





EDIT INFO


Please give your correct details. Correct user info is necessary for RideOn features and the provision of accurate tech support on our behalf.

Whether you've signed in with your email or Facebook, you can edit your details after sign-up.

You can edit:


1. **Picture** - This is the picture that will be used for your own friend icon. It will appear floating above your real location when RideOn users see you on the slopes. The default picture is your Facebook profile picture. Additional pictures can be chosen from Facebook & phone libraries.
2. **Name** - Used in communication features.
3. **RideOn username** - Used when users whom are not on your friends lists search for you ([see RIDEON APP - FRIENDS](#)).
4. **Phone number** - Format: + (country code)-phone number. Providing an accurate phone number here will enable communication features like calling and texting, etc. ([see STANDING FEATURES](#)).

←




Edit your profile


NAME

David Blake 


RIDEON USERNAME

david42 

EMAIL

DavidBlake12@gmail.com 

PHONE

Enter your Phone 

[CONNECT YOUR GOGGLES](#)



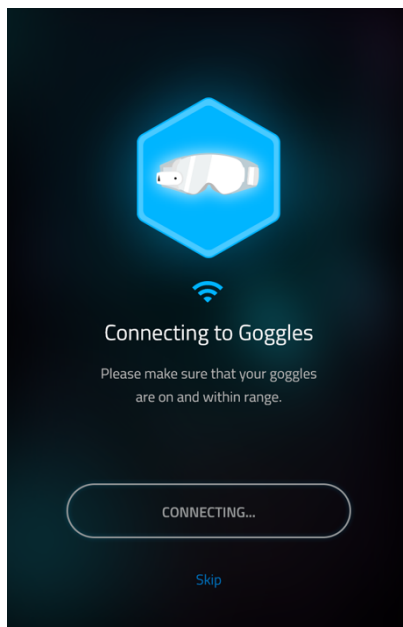
PAIRING

Pairing is how you will connect between your RideOn goggles and the RideOn app.

1. To get to the **pairing screen**, go to Menu>Goggles Setting>Pair Goggles.
2. Conditions for a **successful pairing**:
 - a. Power ON & goggles ON.
 - b. Goggles and phone are close together (no more than 1 meter apart).

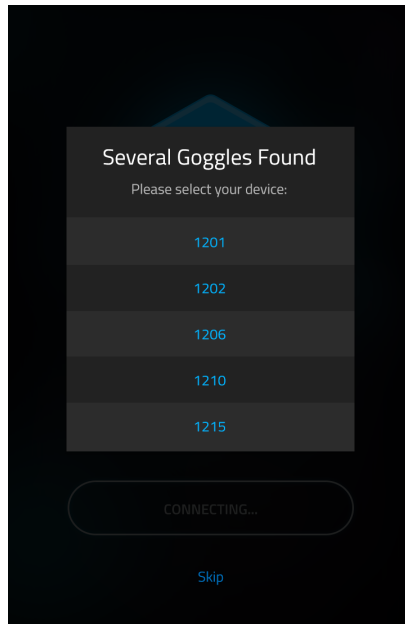
Pairing Screen:

1. **Press** "PAIR GOGGLES" button.
2. **Please wait...** Goggles and RideOn app will initiate connection.

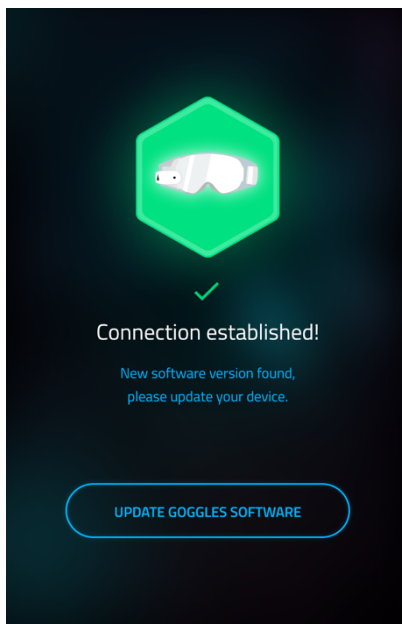




- 3. Multiple goggles found** - In the case that there are more than one goggles found on the pairing search, a list of the found goggles will be presented. Choose the name of your goggles.



- 4. Success** - Congrats, goggles and phone are paired.





5. Failure - Two common reasons:

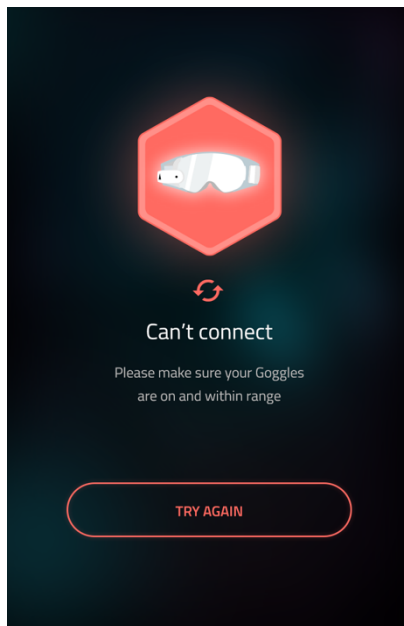
- a. Power - Goggles are OFF.

Solution: Turn ON goggles (constant green light)

- b. Distance - Goggles and phone are too far away.

Solution: Bring goggles close to phone (under 1 meter)

Note: If problems persist, please contact us via app (Menu>Contact Us), or at support@rideonvision.com.





SOFTWARE UPDATE

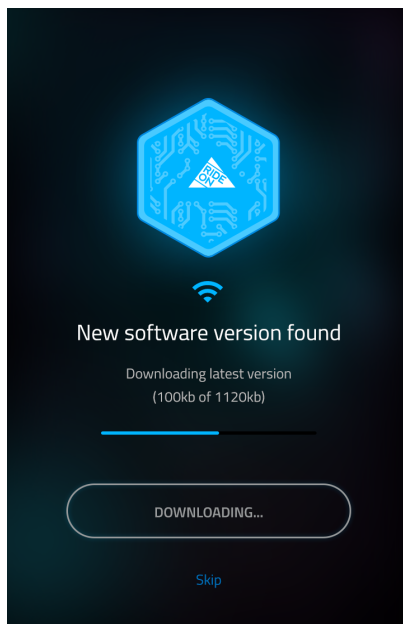
Improve RideOn's performance and features:

1. **Software updates will initiate automatically** every time you pair your phone with the goggles.
2. We recommend downloading software updates **over a WiFi connection** to prevent possible strain on your data plan.

Software Update screen - Appears when an update is available.

1. What you'll see:

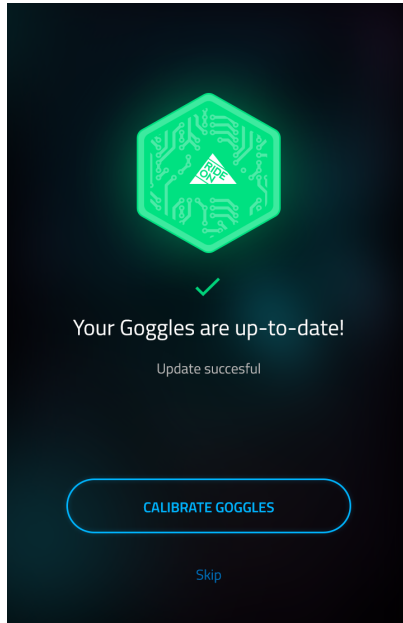
- a. Downloading progress bar
- b. Download data: (DATA DOWNLOADED) OF (TOTAL DATA)
- c. "SKIP" button - Pressing it will skip the download and move you forward to the calibrating stage.





Update Successful screen:

1. **Meaning** - The software update was successful.
2. **"CALIBRATE GOGGLES" button** - Enables you to proceed to the next stage of syncing goggles for ski use by calibrating the goggles sensors.
3. **"SKIP" button** - Head to the Heartbeat screen.





Software Update Failure screen:

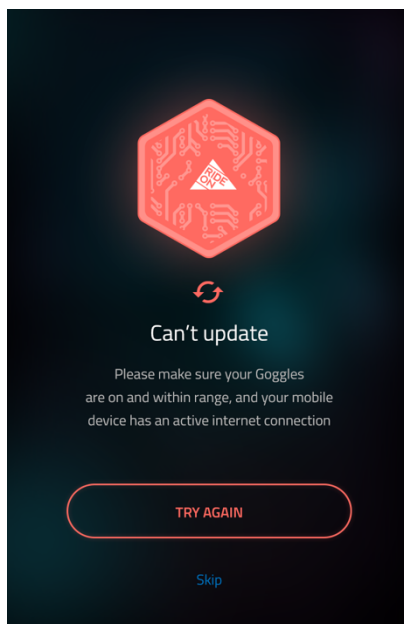
You'll see this screen if there was a problem with the update.

1. Possible problems:

- a. Distance - Goggles and phone are too far away.
Solution: Bring goggles close to phone (under 1 meter)
- b. Internet connectivity problems
Solution: Make sure your phone is connected to a stable source of internet.

2. From this page, you can:

- a. "TRY AGAIN" in the instance of a failure
- a. "Skip" to move on to the calibration stage.





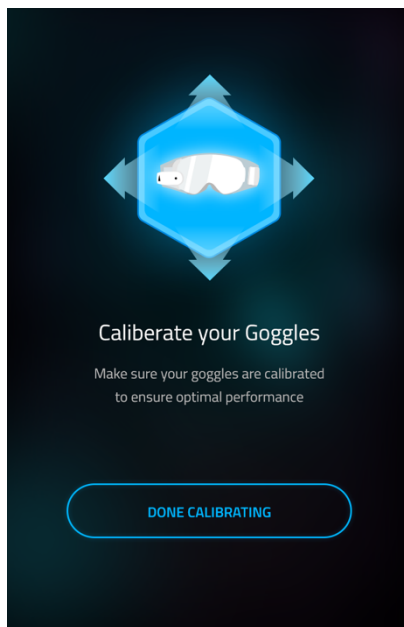
CALIBRATION

You will need to calibrate the goggles at the start of each new ski trip.

Instructions:

1. Imitate the motion presented in each clip.
2. Rotate the goggles on its 3 axes. Watch the calibration video clip in the RideOn app (when you are in calibrating stage).
3. Perform 3 complete rotations (360 degrees) for each of the 3 axes.

NOTE: The speed at which you perform this action is not important.





HEARTBEAT

This is the screen that you will keep open while skiing. It enables you to monitor your goggles battery power and memory, and control over activating the main goggles features (GPS, SKI/SIM MODE, maps and friends).

You may turn your phone's screen off and the goggles and app will still communicate.

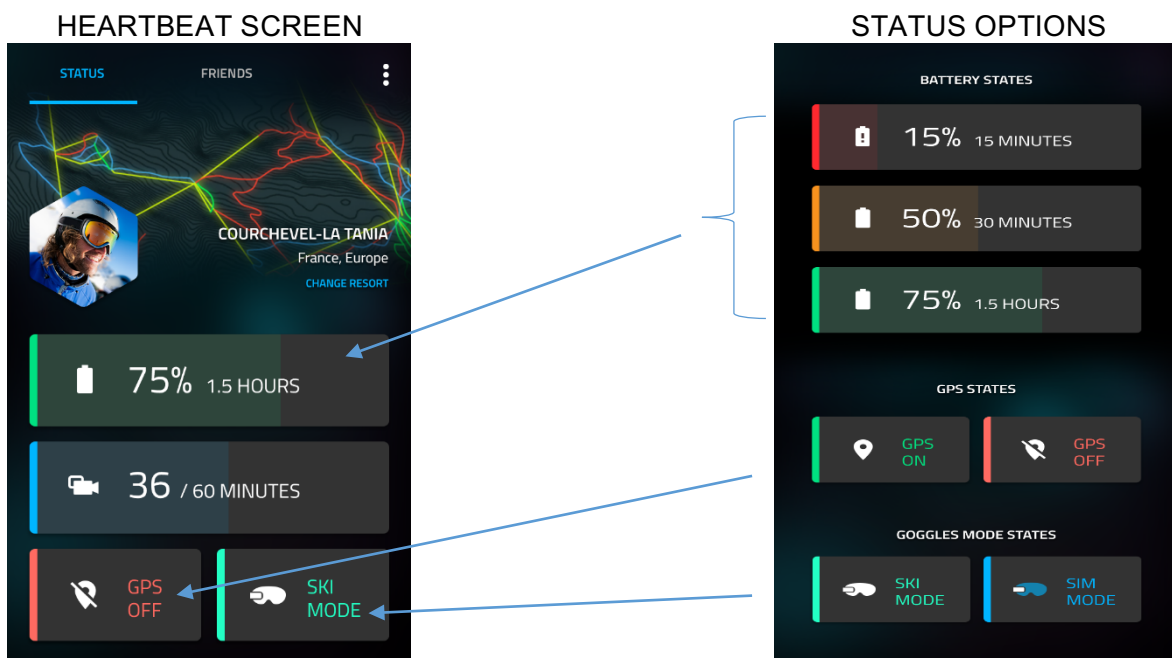
Heartbeat screen – controlling the goggles main ski resources and features:

1. Goggles resources:

- See the remaining battery life of your goggles.
- Available goggles memory for recording videos (translated as remaining recording time) and a quick access point to video library.

2. Goggles features:

- Goggles GPS control** - Toggle GPS ON/OFF.
- Goggles environment** - Switch between SKI MODE & SIM MODE
 - Switching between modes** – Toggle between "SKI MODE" to switch to "SIM MODE" by tapping the MODE button.
 - SKI MODE** - Used for skiing. Projects augmented visual elements on the real world.
 - SIM MODE** (not while skiing!) - Used for learning how to use RideOn goggles. Projects a virtual mountain (see [SIMULATION MODE](#))
- Change Resort** - Tap here to manage maps: Download maps and choose the resort you are in now (see [RIDEON APP - RESORTS](#)).



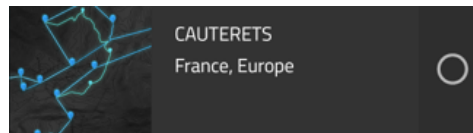


RESORTS (MAPS)

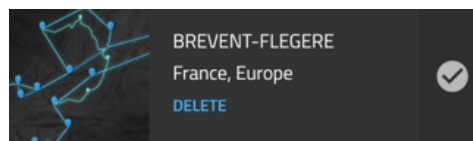
A library of resort maps available for your use. Resort maps include that resort's pistes and POIs.

Map status options:

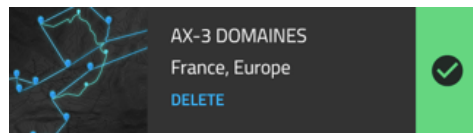
1. **Empty circle next to resort** - This map is available to download.



2. **Checked circle** - This map is downloaded to the goggles, and available for use.



3. **Checked circle with green background** - This is the selected map. This should be the resort where you are currently skiing.



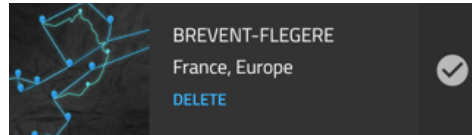
Select a map will enables you the following:

1. Use the map hands-free on the slopes, so you'll never get lost.
2. See POIs highlighted in the distance around you.



How to download a map on to the goggles:

1. From the Heartbeat screen's "STATUS" tab, tap "CHANGE RESORT" button.
2. Tap "ALL RESORTS" sub-tab.
3. In the search bar, enter the name of the resort you'd like to download.
 - a. If the resort is found on RideOn's database, tap the empty circle next to it to initiate downloading.
 - i. A successfully downloaded map will have a **checked circle**.



- b. If the resort is **not** found:
 - i. **Option 1** - Tap the GPS icon on the right side of the search bar. This will bring up a list of resorts by proximity. The closest resort (the resort at which you are currently skiing) will be at the top of the list.



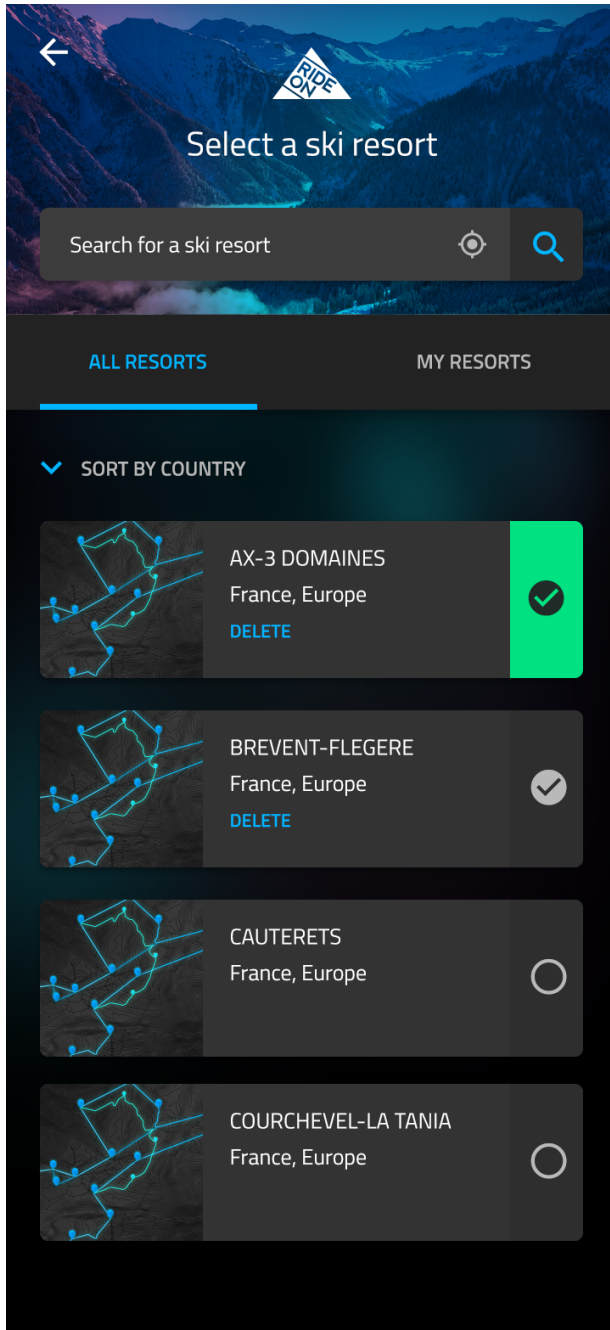
- ii. **Option 2** - Tap "SORT BY COUNTRY" to see a list of countries and their resorts, all listed alphabetically.
- c. If your resort is **still not found** - Sorry, it might not be in our database yet. We'll try to get it there in the near future. Please let us know what the resort's full name is so we can add it. Thanks for your patience.



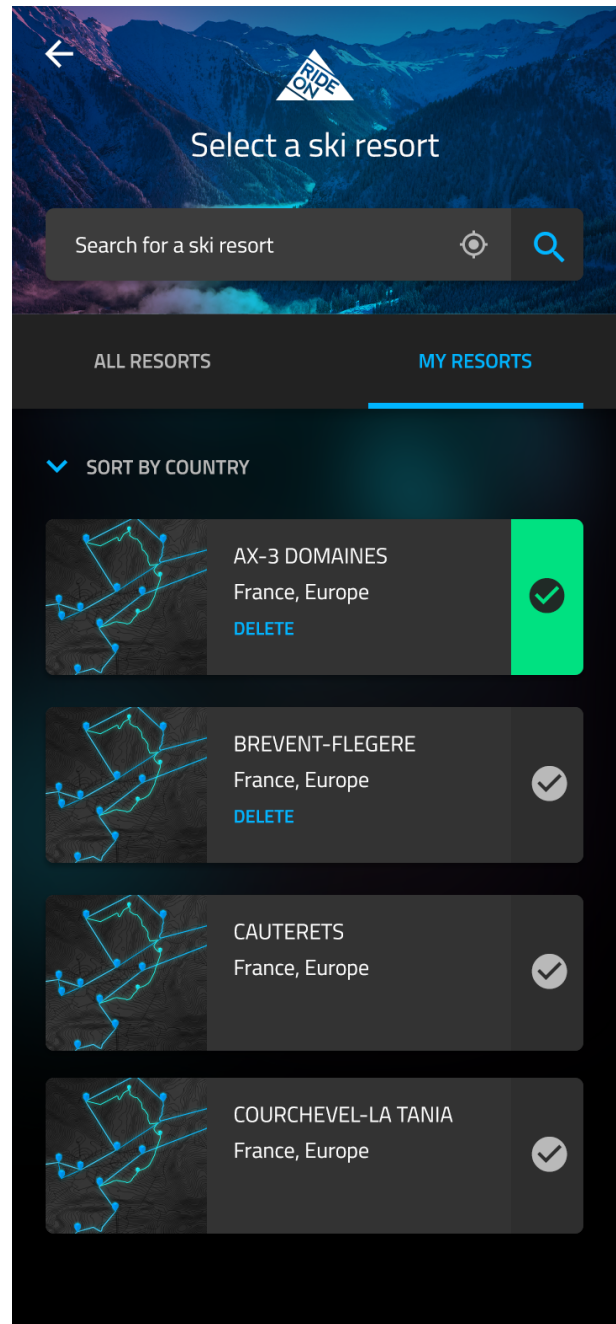
The Resort screen's tabs

1. **ALL RESORTS** - A library of all maps in our database.
2. **MY RESORTS** - Maps you have already downloaded to your RideOn goggles.

ALL RESORTS



MY RESORTS





FRIENDS

In this section, we use the word “Rider” to describe a user of the RideOn app.

Friends screen

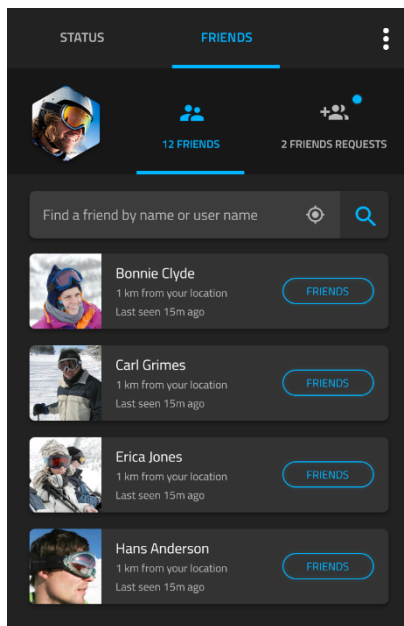
The Friends Screen tabs:

Shows a list of your friends. You can:

1. Show your friends by distance in descending order.
2. Show your friends by time last online in descending order.

Available information for friends:

1. Full name
2. Picture
3. Distance from your location
4. Time of last login to the RideOn app





How to add a rider as a friend:

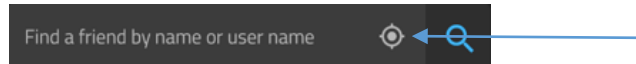
1. Finding a rider by:

a. RideOn username

- Tap the search bar
- Enter the RideOn username of a rider in the search bar

b. Location

- Tap the GPS icon on the right side of the search bar



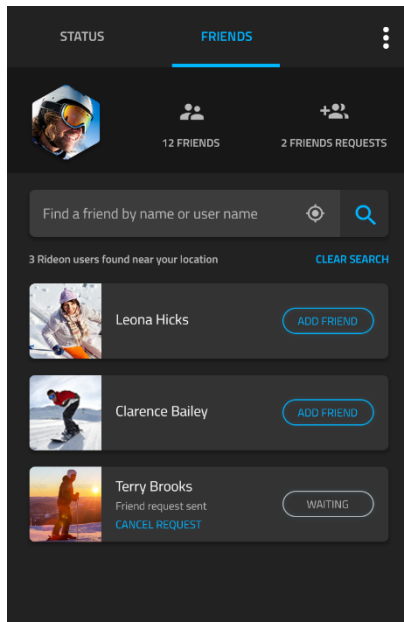
- A list of riders will appear by proximity, descending.

2. Send friend request to a rider:

- Tap "Add Friend" next to the rider's name.
 - Doing so will grey out the "Add Friend" button, and "Waiting" will appear.
- Once the rider approves your friend request, you are friends!

3. Unfriending a rider - Removing a rider from friends list :

- Press the "FRIENDS" button of the person you wish to unfriend.
- Press the "UNFRIEND" button.
- You are no longer friends.





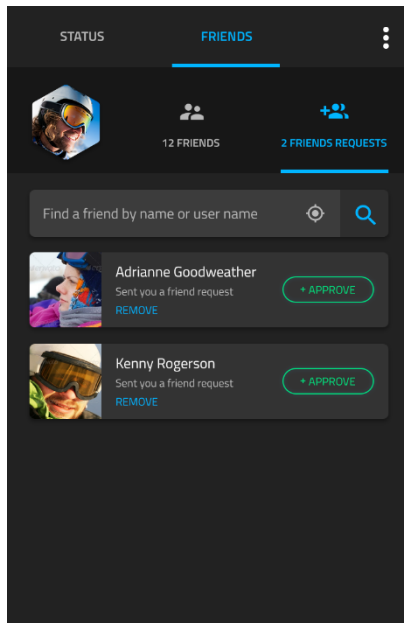
Friend request tab:

To approve a rider's friend request:

1. Tap the green "APPROVE" button next to a pending request.
2. You are now friends!

To deny a rider's friend request:

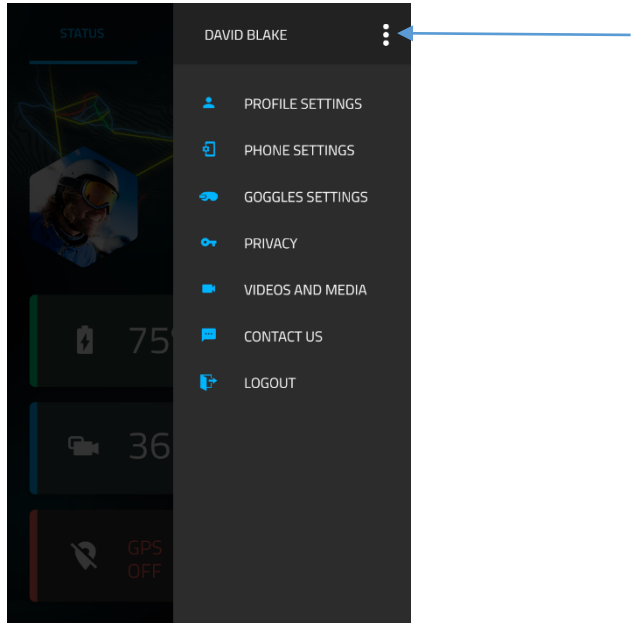
1. Tap the blue "REMOVE" text at the bottom of a pending request.
2. That pending request will disappear.





MENU

The main menu button (represented by 3 dots).



It can be accessed from two places:

1. The upper right corner of the Heartbeat screen
2. The upper right corner of the Friends screen



1. Profile Settings - Edit Info

Edit Info components:

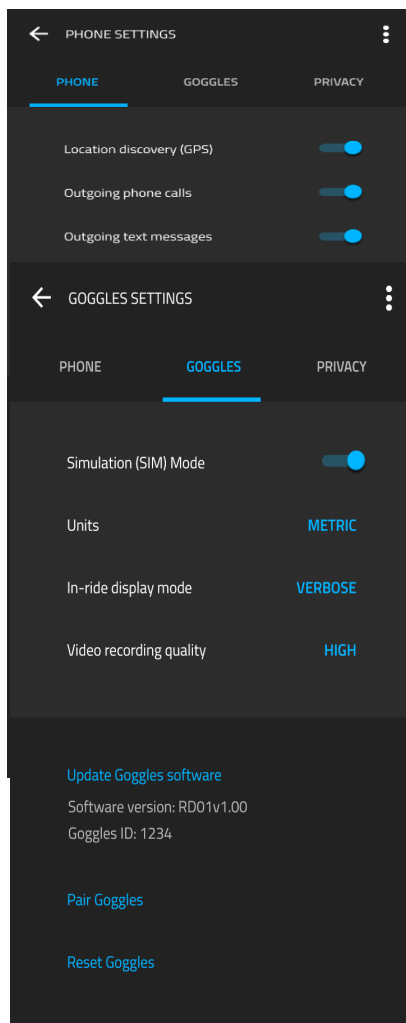
- PICTURE** – default picture is your profile picture, additional pictures are available from Facebook pictures / phone library.
This picture will appear when RideOn users are looking at you through the goggles.
- NAME** – Used in visual friends features.
- RIDEON USERNAME** – your ID, used when a non-friends search for you (Search Riders page X)
- PHONE NUMBER** – Format: +(XXX)-XX-XXX-XXXX (including international code).
Inserting your number will enable communicational interactions (Hands free), such receive SMS and phone calls send SMS\call RideOn friends who are in visual contact.
(For instructions of communicational interactions see page x)

A screenshot of the 'Edit your profile' screen in the RideOn app. The screen has a dark background. At the top left is a back arrow. Below it is a hexagonal profile picture of a person wearing goggles. Under the picture is the text 'Edit your profile'. Below this are four input fields, each with a label and a value, and a blue edit icon (a pencil inside a triangle) to the right of each field. The fields are: 'NAME' with 'David Blake', 'RIDEON USERNAME' with 'david42', 'EMAIL' with 'DavidBlake12@gmail.com', and 'PHONE' with 'Enter your Phone'. At the bottom of the screen is a rounded rectangular button with the text 'CONNECT YOUR GOGGLES'.



2. Phone Settings (only relevant for goggles owners)

- a. Location discovery (GPS) - Toggle GPS on/off
- b. Outgoing phone calls - Enable/disable.
For more information see page X.
- c. Outgoing text message - Enable/disable.
For more information see page X.
- d. Incoming phone calls - Enable/disable.
For more information see page X.
- e. Incoming text message - Enable/disable.
For more information see page X.
- f. Preset text messages - Write up to 5 preset text messages that you can send to your RideOn friends (See X Outgoing text message).





3. Goggles Settings - There are 2 sections in this segment:

a. Customize your goggles

- i. **Simulation (SIM) Mode** - Switch between Ski Mode & Sim Mode

For more information about "Sim Mode" see page X.

- ii. **Units** - Switch between metric and imperial measuring systems
- iii. **In-Ride Display Mode** - Defines the amount of noisiness shown on goggles.
- iv. **Video Recording Quality** - Toggle between qualities.

NOTE : The higher the quality, the more data your videos will consume in your goggles.

b. Key goggles setup portals:

- i. **Update Goggles Software** - Triggers software update to the latest version of goggles/app, if available (see software update, pg. X)
- ii. **Pair Goggles** - Trigger pairing between goggles and app
For more information see page X.
- iii. **Reset Goggles** - Return goggles settings to factory settings.

4. Privacy:

- a. **Data Collection** - Enable your RideOn goggles to send us crucial data that will improve your RideOn experience. We recommend you keep this on, it will help us greatly!

- b. **Location Sharing** – Enable your friends to use their **FRIENDS DINDER (RADAR)** feature.

For more information see page X.

- c. **Terms and Conditions** - These are the terms and conditions, that you agreed to, to use the RideOn app .

5. Video and Media - The library of the video clips you've recorded using RideOn goggles.

Picture Of library



6. **Contact Us** - Opens an in app page, enables you to send us feedback\question\ complaint\ thank you in the fastest way while the experience is still fresh in your memory.

A screenshot of a mobile application's 'CONTACT US' screen. The screen has a dark background. At the top, there is a header bar with a back arrow on the left, the text 'CONTACT US' in the center, and a three-dot menu icon on the right. Below the header, there is a 'Subject' label followed by a text input field containing the text 'Technical enquiry'. Below that is a 'Message' label followed by a large text area with the placeholder text 'Enter your message here'. At the bottom of the screen, there is a rounded rectangular button with a blue border and the text 'SEND' in blue. Below the button, there is a small blue envelope icon followed by the email address 'Support@rideonvision.com'.

7. **Logout** - Tap here will log out user from app.



TROUBLESHOOTING

The following are solutions to potential problems you might experience. In the event that you experience a specific problem repeatedly, please contact us at support@rideonvision.com so that we can solve the issue (see [CONTACT US](#)).

Note: Usually, the quickest and simplest solution will be a HARD RESET of the goggles and app (see [FIRST AID](#)).

FIRST AID

Before attempting any troubleshooting, initiate a HARD RESET - turn the goggles off for **2 minutes** and then turn them back ON (see [GETTING STARTED](#)). If the problem persists, please continue reading below.

GPS

No signal - Make sure you are in open terrain (under the sky with no roof/trees etc. above the goggles).

Slow location acquisition - If the goggles have been stored long-term (i.e. off-season), it might take a bit longer than usual to get an accurate GPS position and POI features. This may take up to 30 minutes.

APP

App stuck / glitchy - Close the app (completely) and reopen it. In case the problem continues, please contact us (see Contact Us section).



MAINTENANCE

CONCEPT

Our product was designed to combine the complexity and sophistication of AR with the durability expected of sports equipment. Integrating these qualities successfully was not an easy task, but we did it. In order for you to continue enjoying your RideOn goggles for many years to come, follow these instructions for maintenance and care. Your goggles will thank you for it 😊

Five areas of maintenance:

1. **General Goggle Care**
2. **Lens Cleaning**
3. **Lens Replacement**
4. **See-Through Display Care**
5. **Long-Term Storage**
6. **Battery**

GENERAL GOGGLES CARE

1. **Water & Moisture** - Keep the electrical components of your goggles away from water. As much as possible, avoid situations in which moisture and humidity could accumulate in and around your goggles. For example, avoid resting the goggles on your head for long periods of time if you are perspiring.
2. **After skiing** - Enjoy your après ski, then keep goggles in a safe area where they're unlikely to fall or be crushed by feet.
3. **While traveling** - Wrap your goggles in protective material like bubble wrap to avoid unnecessary jostling of the electronics.



LENS CLEANING

Do **NOT** rub the lens if it is wet!

If there is snow or water on either side of the lens:

1. **Gently** shake snow/water off from goggles
2. **Gently** clear ventilation foam of any snow
3. **Gently** absorb remaining water with tissue. Pat dry, do NOT wipe! Wiping may cause small scratches.

Once all snow or water has been cleared and goggles are dry, use micro fiber and gently wipe lens to remove any dust or oily finger prints.



LENS CHANGE

Two main reasons require lens change:

1. If your lens is damaged
2. To suit the light conditions and weather - In cloudy or darker conditions use a lens with a lighter filter. For bright, sunny conditions, use a lens with a darker FILTER.

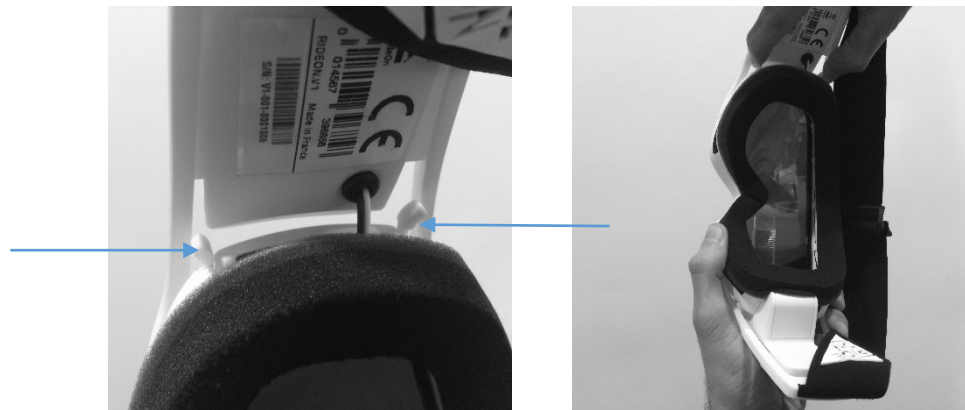
Instructions for lens change:

Follow these instructions CAREFULLY and GENTLY so as not to damage the goggles.

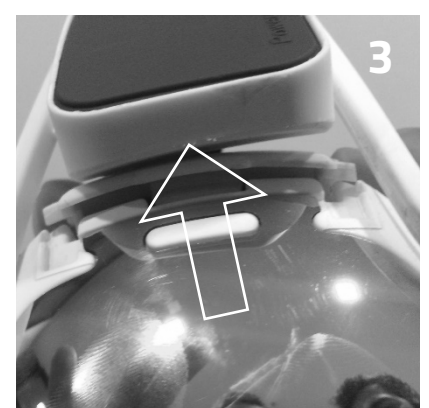
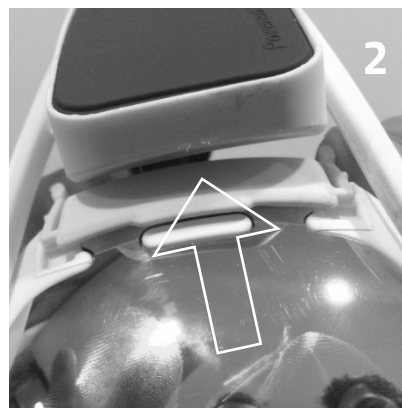
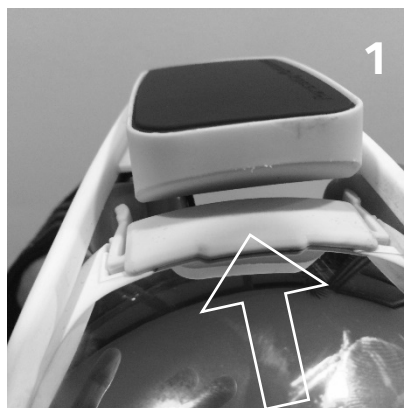
Extracting current lens:

[Click here for video instructions.](#)

1. Pinch the lens lock clasps.



2. While maintaining the pinch, pull the lock away from the lens.





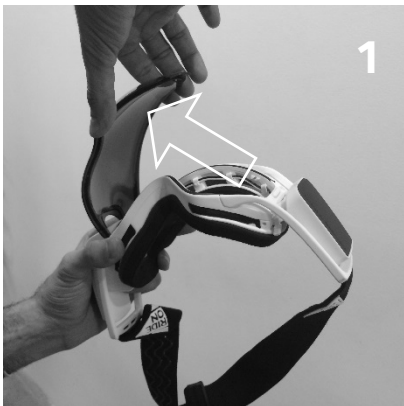
3. From inside the goggles, gently push lens outward so as to pop it off the lock.



4. **Gently** pull the lens from the side you just unlocked. Be careful that the lens does not fall.



5. Take out the free lens.





Installing new lens:

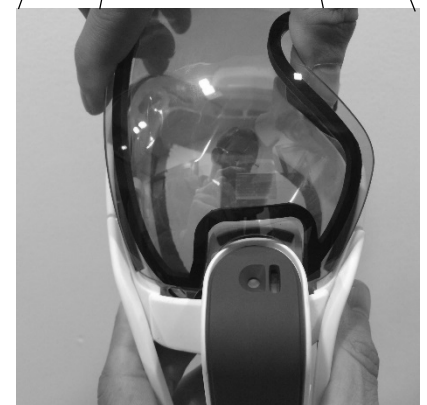
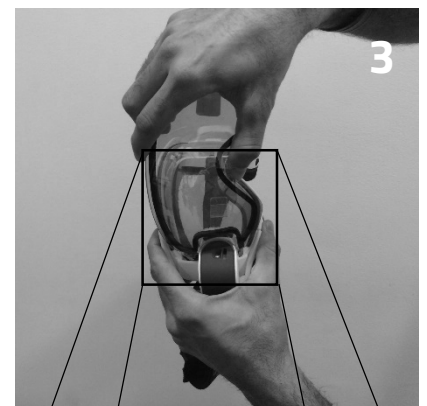
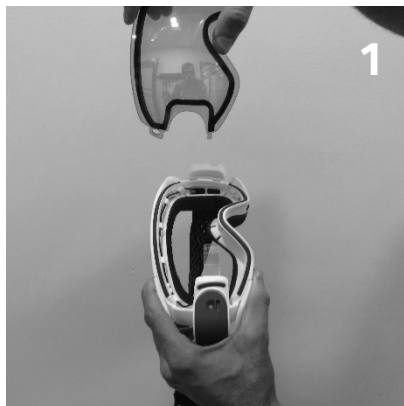
[Click here for video instructions.](#)

1. Make sure the lens lock is open.



If you see this part, the cover is in the right position (unlocked).

2. Gently insert the new lens into the camera side of your goggles, until it clicks into place.

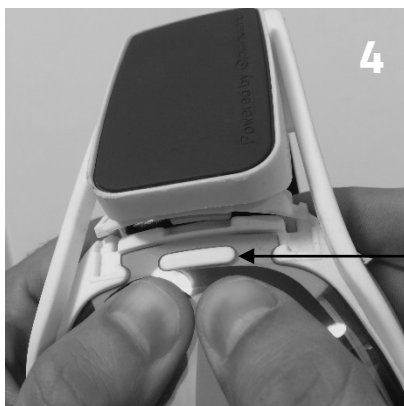




3. Now lower the rest of the lens into the frame.



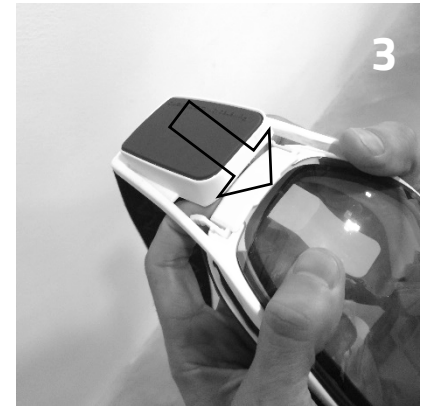
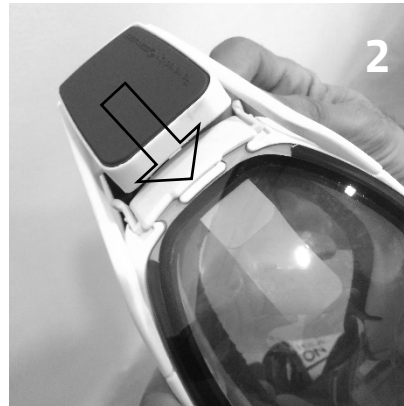
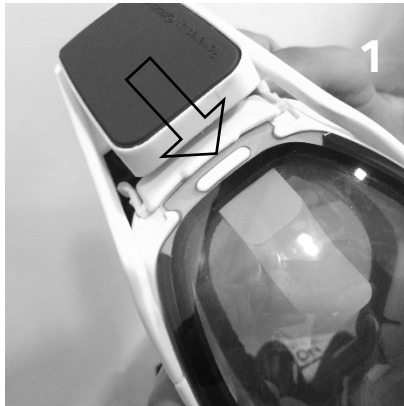
4. **Gently** press the other remaining side of the lens firmly into the lens lock until it clicks into position.



CLICK



6. Close the lens lock until it clicks securely into place. Your new lens is now secure.



SEE-THROUGH DISPLAY CARE

Although this device plays the star role in RideOn goggles, there isn't too much care involved on your end. Use a dry, soft fabric to wipe away any dust. As always, be delicate and careful and refrain from pressing hard on the component.

LONG-TERM STORAGE

Guidelines for correct storage:

1. **Store dry** - Make sure the goggles are dry before putting them in storage.
2. **Store away from direct sunlight.**
3. **RideOn's box** - We recommend storing RideOn goggles in their original packaging. It's stylish and sturdy.
4. **Off-season charging and updating** - You should charge your unused goggles every three months and update the software. This will keep your goggles relevant, and you can test out the new features in SIM Mode.



BATTERY

This section describes battery charging and care for performance.

WARNING: DO NOT PUT GOGGLES ON YOUR HEAD WHILE CHARGING!

Instructions for charging and charging indications:

1. **Turn goggles off** - Long-press on the goggles power button. The goggles are off completely when there is no green LED light near the power button.
2. **Power source** - Connect USB cable to a power source.
3. **Power outlet cover** - On your goggles, lift the rubber power outlet cover, next to the power button.
4. **Power jack** - Plug the micro-USB jack of the USB cable into the goggles power outlet.
NOTE: The maximum charger current is 1.1A.
5. **Charging** - The LED next to the goggles power button should glow red.
6. **Goggles are fully charged** - The LED will turn off completely when the goggles are fully charged.

Charging Tips

1. **Battery power indication** - To check how much battery you have left, go to the HEARTBEAT screen on the RideOn app ON (see [HEARTBEAT](#)).
2. **Using goggles after long-term storage** - The battery will require some cycling to recover its full capacity. To cycle, charge the goggles to full battery, then let battery drain completely. Do this 3 to 6 times.
3. **Swift Charging** - For a faster charge, make sure the goggles are completely off (ie. no green LED near the power button).

Estimated Charge Times:

1. **Wall charger** - Allow 3 hours for a full charge.
2. **Computer/car jack** - Allow 5 hours for a full charge.

NOTE: Goggles charge best in 25-3°C, 77-37°F.

Temperature affects the battery performance:



1. In 20-45°C / 68-113°F - Run time available as written above.
2. In 0-19°C / 32-66°F - Run time is **90%** of data written above.
3. In (-1)-(-15)°C / 5-30°F - Run time is **85%** of data written above.



SUPPORT

CONTACT US – WE WANT YOUR INPUT

- E-Mail: support@rideonvision.com
- Website: www.rideonvision.com - Go to “contact us” section
- Facebook.com / rideonvision
- APP - RideOn app>Menu>Contact us

WARRANTY

LIMITATIONS TO OBTAIN WARRANTY:

THE WARRANTY DOES NOT COVER THE FOLLOWING CASES:

1. Damage to goggles caused from anyone of the following: accident, theft, misuse, abuse, non-rational use, misplacement, voltage fluctuations (of power supply) and connection to an inadequate charger (non CE/FCC/IC approved - approval is written on the charger).
2. Adjustments to the product by anyone that is not a part of RideOn’s authorized support. Authorized support is listed on www.rideonvision.com in the support section.
3. Damages that occurred due to external signals or any type of transmissions.
4. Damages that occurred to the product due to improper packing/transportation related damages.
5. Damages that occurred by not following product instructions and warnings.
6. Damages that occurred by not following the maintenance instructions (such as cleaning, storage etc.).
7. Damages that occurred due to normal use (such as lens scratches or band tear, etc.).
8. Damages that occurred after trying to combine the goggles with any product that is not RideOn goggles, such as accessories or different software.
9. Damages that occurred due to any changes/attempted changes to the product software.
10. Damages that occurred due to exposure to any liquid or moisture.

**MAXIMUM LIABILITY EXPENSE OF WARRANTY:**

The sum of all warranty usage will not exceed the sum of repairs/adjustments the customer had paid for the goggles.

DAMAGE CAUSED DUE TO MISFORTUNE:

The following will not be covered by warranty: Acts of god, property damage, viruses, negligence, loss of data and loss of value.

BATTERY DISPOSAL – RIDE GREEN

Help keep our mountains white. RideOn is committed to properly recycling batteries and WEEE (Waste Electrical and Electronic Equipment). Batteries and WEEE should be disposed of in a dedicated recycle bin.

COMPLIANCE INFO

Software Support for Operating System Software: RideOn is not responsible for any problems with the phone OS (Operating System), therefore, we cannot guarantee you will not encounter errors while using the app.

MANUFACTURING:

ANOVO, Inc.

Daniel Cosnac 15

Brive-La-Gaillarde

19100

France