NUVIZ User Guide

Version 4.0

M/N: N-101, C-101

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1. Getting to know your NUVIZ

Congratulations! You are now the happy owner of NUVIZ.

NUVIZ is an entirely new kind of Head-Up Display (HUD) which is attached to a motorcycle helmet. You can see essential data on the display while riding, such as your riding speed and routes.

NUVIZ is a product with multiple uses: With the NUVIZ app on your phone or tablet, it combines in a unique way a navigator, camera, mobile phone and a music player giving an integrated user experience planned especially for riders.

The data is displayed optically via a semi-transparent display so that you can view the data without having to move your eyes away from the road and the traffic.

You operate the display unit, NUVIZ HUD, with a controller unit, NUVIZ Controller that you can attach, for example, to a handlebar of the motorcycle. With the NUVIZ app, our downloadable mobile application, it is quick and easy to plan your route. You can plan your routes in advance and activate them when you start your journey.

If you have a headset installed in to your helmet, you can connect it to your NUVIZ and listen to the navigation voice guidance, take and make calls, and listen to music while riding.

Important! You need a compatible Android phone/tablet or an iPhone/iPad to download maps to your NUVIZ, create routes, adjust the settings, and pair all the devices together. To start using your NUVIZ, you first need to download the NUVIZ app to your phone/tablet. You can actually download the NUVIZ app anytime, even before you have purchased NUVIZ. See www.rideNUVIZ.com for more information on compatible and tested phones and software versions.

In the sales box, you find the following items:

- NUVIZ HUD, the Head-Up Display Unit.
- NUVIZ Controller, to control NUVIZ. You attach NUVIZ Controller to your motorcycle.
- A battery for NUVIZ HUD. The battery type is 18650 and it is an original NUVIZ battery with a protection circuit.
- A battery for NUVIZ Controller. The battery type is CR2032 Lithium 3V. This is a standard battery type.
- NUVIZ Key, to open, for example, the battery covers of NUVIZ and NUVIZ Controller.

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- NUVIZ Mount, a square base plate with a sticker to attach NUVIZ to your helmet (+ some extra pieces of sticky tape).
- A round mounting base to attach NUVIZ Controller to your motorcycle.
- Handlebar mounts to attach NUVIZ Controller to your motorcycle.
- Headset
- NUVIZ Mount Cover, a plastic cover to protect NUVIZ Mount when NUVIZ is not in its place.
- A carrying pouch where you can store NUVIZ to avoid scratching when NUVIZ is not attached to your helmet.
- Micro-USB cable type B
- Printed user guide
- Legal Guide

Important! There is no wall charger nor a memory card in the sales box. The battery in NUVIZ HUD is rechargeable. Never insert a non-rechargeable battery into NUVIZ HUD as it may lead to an explosion. Note that the battery in NUVIZ Controller is NOT rechargeable.

To record a video with NUVIZ, you need a compatible class 10 MicroSD card or better, for more information, see Technical Specifications. Not all Micro SD cards available from suppliers other than NUVIZ are compatible with your unit. You can buy a compatible memory card at www.rideNUVIZ.com.

Before going on a ride with your new NUVIZ, familiarize yourself with the keys and parts and also with the basic functions and the display views.

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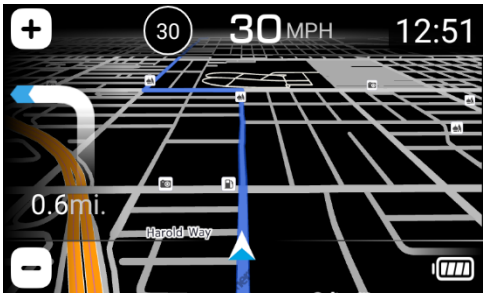
Main display views

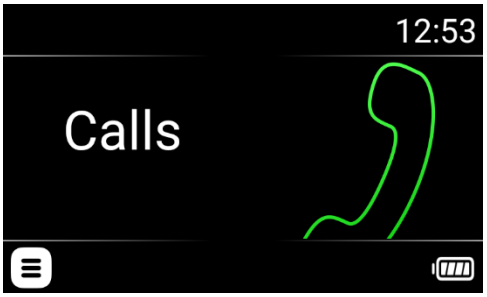
There are 5 main display views on your NUVIZ.

DASHBOARD
A central Screen where you can see, for example, your speed, speed limits, and navigating instructions when using the navigator. In addition, on the DASHBOARD view you handle skipping a waypoint and you can manually disable the camera.



MAP
Shows your location on map, and, for example, your speed, speed limit, and navigating instructions during navigation.

RIDES
Used to select, start, and stop routes during your ride. Shows also additional information about the currently selected ride, for example, estimated time of arrival.



CALLS
Used to make calls during your ride.

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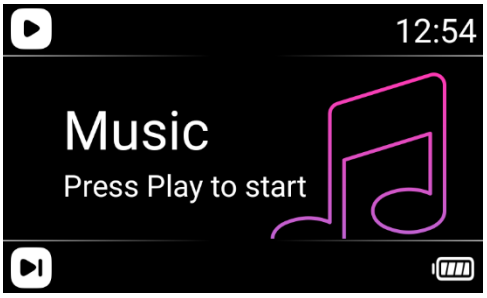

MUSIC
Used to control the music from your phone/tablet.

For more information on how to use the NUVIZ features, see Using the NUVIZ app and NUVIZ HUD.

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Technical specifications

NUVIZ HUD:

- Height: 58 mm / 2.3 in. main body, 98 mm / 3.9 in. optics part
- Length: 148 mm / 5.8 in.
- Thickness: 25-28 mm / 1-1.1 in. main body, 36 mm / 1.4 in. optics part body
- Weight: 240 g / 8.5 oz. (with battery)
- Display size: 0.294" / 65"@10m
- Display resolution: 800x480
- Display colors: 16M
- Display technology: LCoS
- Pixel density: 3175dpi / 14.5dpi@10m
- Camera, still photography and video: 8MP Photo, and 1080p/30fps (or 720p/60fps, user-selectable) video
- Mass memory: 16 GB
    - User data storage: ~10 GB for maps data.
- RAM: 1 GB
- Maximum memory card size: 128 GB
- Expandable memory card type: MicroSD. Class 10 or UHS Class 1 or UHS Class 3 recommended.
- USB2 connector for data transfer and charging, and 3.5 mm connector for the headset
- Replaceable battery: Yes
- Battery type: 18650. Capacity 3250 mAh.
- OTA (Over-the-air) firmware update capability: Yes
- Operation Frequency: 2402MHz-2480MHz (BT/LE), 2412MHz-2472MHz (802.11b/g/n(2.4GHz)HT20)
- Wlan maximum radio-frequency power: 16dBm
- BT maximum radio-frequency power: 9dBm

NUVIZ Controller:

- Height: 13 mm / 0.5 in. + 9 mm / 0.4 in. to the top of the rocker key
- Diameter: 46 mm / 1.8 in.
- Weight: 28 g / 1 oz.
- Replaceable battery: Yes
- Battery type: CR2032 Lithium 3V
- Operation Frequency: 2402MHz-2480MHz(BLE)
- Maximum radio-frequency power: 0dBm

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2. Getting started with NUVIZ

To enjoy full experience in using your NUVIZ, follow the getting started instructions here at least 24 hours prior to your first ride with NUVIZ. Note that it takes 24 hours for the sticker glue to completely set.

To start using NUVIZ, you first need to download the NUVIZ app to your phone/tablet.

Important! NUVIZ does not assume any responsibility for incompatibility with some Android phones and their software versions. Despite the same operating system, there are great differences between different models and makes, and software versions used by the phone manufacturers. Therefore, it is possible that some are completely or partially incompatible. See www.rideNUVIZ.com for more information on compatible and tested phones and software versions.

Downloading the NUVIZ app to your phone or tablet

1. On your phone, go to Google Play or the Apple Store.
2. Search for NUVIZ, and install the app to your phone. Open the app on your phone. Follow the instructions on your phone. Tap **Create new account** and enter your e-mail address, make up a password (memorize it!), and enter your first and last names to create a NUVIZ account. A confirmation code will be posted to your e-mail address. Enter the confirmation code and then tap **Create new account**. You can also tap **Log in**, and use your Google or Facebook credentials to log in.

Tip! If you have already powered on NUVIZ, see the display for a tutorial.

If you accidentally give an incorrect e-mail address when creating a new account, you will not receive a confirmation code for your registration. In that case contact support@ridenuviz.com or just simply create a new account.

If you forget your password and need to re-enter it, you can request the NUVIZ app to send it to your e-mail address.

NUVIZ HUD keys and parts

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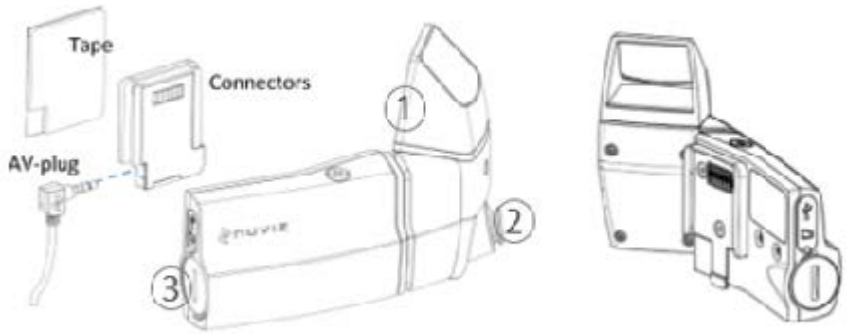
These are the keys and parts of NUVIZ HUD, which is the head-up display unit that you attach to your motorcycle helmet.

Tip! Do not place NUVIZ in a pocket with hard or scratching objects as they may harm NUVIZ. To avoid scratches, there is a carrying pouch in the sales box for storing NUVIZ when it is not attached to your helmet.



1. Head-Up Display
2. Camera lens
3. Battery compartment.

To insert the battery, open the battery cover with the NUVIZ Key that you find in the sales box. Use NUVIZ original (battery type 18650) batteries only, as they are of the correct size.

Important! NUVIZ does not assume any responsibility if you use any other than NUVIZ original batteries. The battery in NUVIZ HUD is rechargeable. Never insert a non-chargeable battery into NUVIZ HUD as it may lead to an explosion. Note that the battery in NUVIZ Controller is NOT rechargeable.

4. USB connector and a memory card slot.

The USB type is micro-USB type B. The memory card is a MicroSD card of up to 128 gigabytes. Keep the rubber cover firmly closed when riding your motorcycle to avoid any moisture entering the unit.

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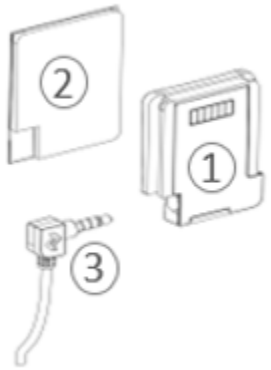
Important! The memory card is not included in the sales box. You can buy a compatible memory card at www.rideNUVIZ.com

5. Power key.

To switch on your NUVIZ, press and hold the power key and the display lights up.
To switch off the display only, press the power key briefly.
To switch the display back on, press the power key briefly or press any key on NUVIZ Controller.
To switch off NUVIZ, press and hold the power key and watch the display, you can see it powering off.

The first time when you switch on your NUVIZ, it prompts you to pair it with NUVIZ Controller. For instructions on how to proceed, see Pairing NUVIZ HUD, NUVIZ Controller and your phone/tablet.

With the help of NUVIZ Mount you attach NUVIZ to your helmet. For instructions, see Attaching NUVIZ HUD to your motorcycle helmet.



Tip! The headset connector is located in the NUVIZ Mount.

1. NUVIZ Mount
2. Sticky tape
3. Headset connector

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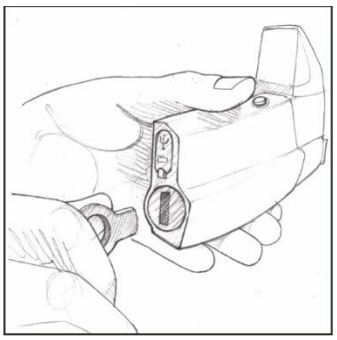
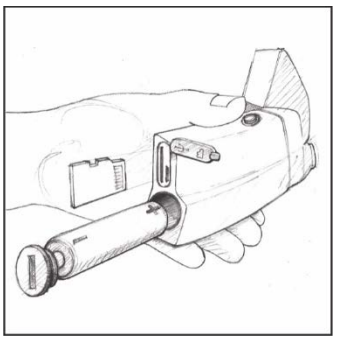
Inserting or replacing the battery in NUVIZ HUD

To insert the battery in NUVIZ HUD, open the battery cover with the NUVIZ Key that you find in the sales box. Use NUVIZ original rechargeable batteries only, as they are of the correct size. The battery type is 18650. You can buy spare batteries at www.rideNUVIZ.com.





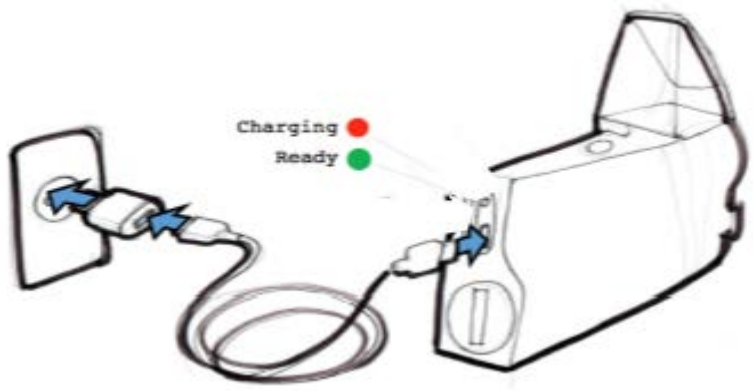
Contact your local waste disposal department to dispose of the battery in accordance with applicable local laws and regulations.

Inserting the memory card

Insert the memory card into the memory card slot. The memory card is a MicroSD card of up to 128 gigabytes.

Important! The memory card is not included in the sales box. You can buy a compatible memory card at www.rideNUVIZ.com.

Charging NUVIZ



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1. Open the USB connector slot cover.
2. Plug a micro-USB type B charger into the NUVIZ, and the other end of the charger into a wall socket. We do not recommend using a computer for charging, as it may be very slow.

When charging, the charging indicator LED turns red. When the battery is full, it turns green. You can accurately check the battery status of the NUVIZ using the NUVIZ app. You can also check the battery power level on your NUVIZ display:

	Charging: Battery state of charge approx. 0-9%
/	Charging: Battery state of charge approx. 10-24%.
	Charging: Battery state of charge approx. 25-49%.
/	Charging: Battery state of charge approx. 50-74%.
	Charging. Battery state of charge approx. 75-99%.
	The battery is full, and no further charging can take place.

Important! The wall charger is not included in the sales box. Never insert a non-rechargeable battery into NUVIZ HUD as it may lead to an explosion.

Tip! When taking NUVIZ out of the sales box, the charging level is typically between 30% - 60%. That'll get you started off nicely.

Keep the rubber cover of the USB and memory card slot firmly closed when riding your motorcycle to avoid any moisture entering the slot.

Important! Never charge your NUVIZ while riding.

Important! We warn against the use of chargers other than BC1.1 or BC1.2 compatible USB chargers, as they may invalidate the warranty.

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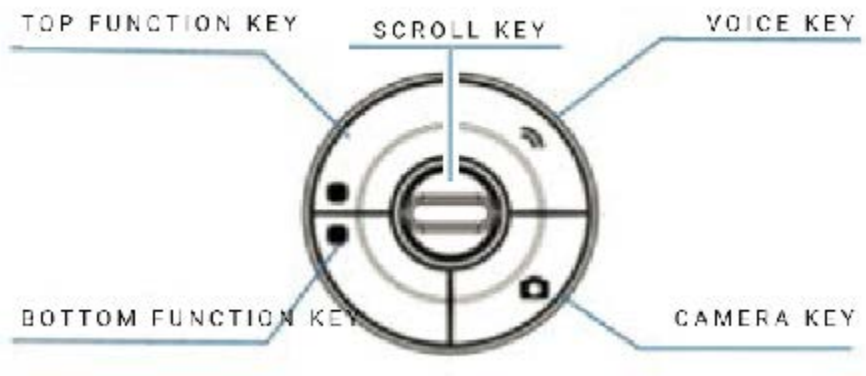
3. Getting started with NUVIZ Controller

NUVIZ Controller is the remote control for NUVIZ. You can attach it to a handlebar or the motorcycle itself, and easily take it with you when you need to leave your motorcycle. Battery compartment is located on the back side of the NUVIZ Controller.



1. Top function key (upper left key). Used to control the corresponding functions on the display.
2. Bottom function key (lower left key). Used to control the corresponding functions on the display.
3. Voice key (upper right key). Press to mute and unmute the microphone.
4. Camera Key (lower right key). Press briefly to activate the camera viewfinder, and press again to take a photograph, or press and hold to start or end recording a video.
5. The scroll key in the middle of NUVIZ Controller. It moves up and down. Short-press the scroll key (up or down) to switch between display views and scroll lists. Long-press the scroll key to enter the volume adjustment mode.

Inserting or replacing the battery in NUVIZ Controller

To insert or replace the battery in NUVIZ Controller, open the battery cover with the NUVIZ Key that you find in the sales box. Insert the battery into the battery compartment ensuring the “+” side of the battery touches the “+” terminal, and then close the battery cover. Use CR2032 Lithium 3V batteries only, as they are of the correct size.

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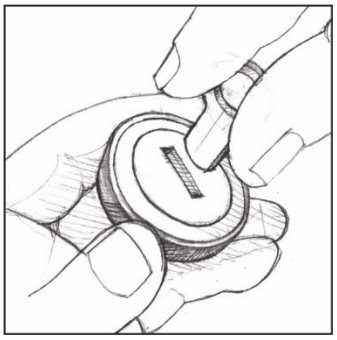

Contact your local waste disposal department to dispose of the battery in accordance with applicable local laws and regulations.

You activate the NUVIZ Controller by pressing any key. It starts automatically pairing with NUVIZ (if you have switched NUVIZ on first).

Tip! You can reset NUVIZ Controller by removing the battery and reinserting it, but then you need to pair it again with NUVIZ. Note that the battery in NUVIZ Controller is NOT rechargeable.

When NUVIZ Controller is not used for a while (approx. for 12 hours), it goes into sleep mode. So, when you next time go for a ride, just press any key to activate NUVIZ Controller again. You may need to press it a couple of times until NUVIZ responds. There is no need to pair it again with NUVIZ.

4. Pairing NUVIZ, NUVIZ Controller and your phone/tablet

Pair NUVIZ, NUVIZ Controller and your phone/tablet together using a wireless connection. Pairing means that you establish a connection between NUVIZ, NUVIZ Controller and your phone.

1. To switch on NUVIZ, press and hold the power key and the display lights up.

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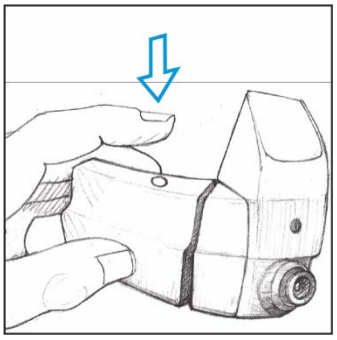
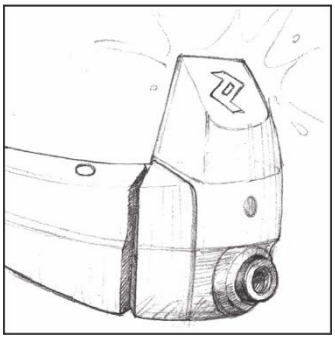
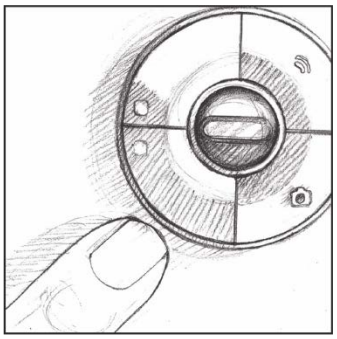
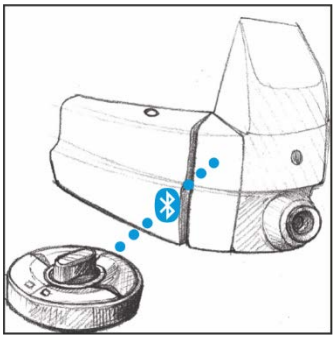




2. To switch on NUVIZ Controller, press any key. See the NUVIZ display to see the NUVIZ Controller functions.



NUVIZ Controller starts pairing with NUVIZ automatically. See the display to follow the pairing status: A thin intermittent line indicates the pairing is taking place and a thick line indicates the devices are paired.



3. On your phone, open the NUVIZ app, and tap **NUVIZ** > **Connect your NUVIZ**. Follow the instructions on the UI of the phone.

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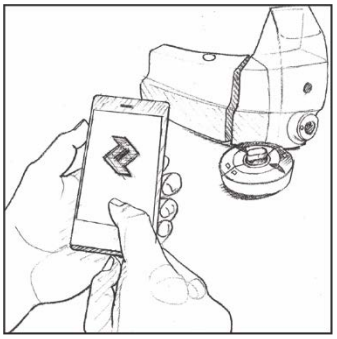
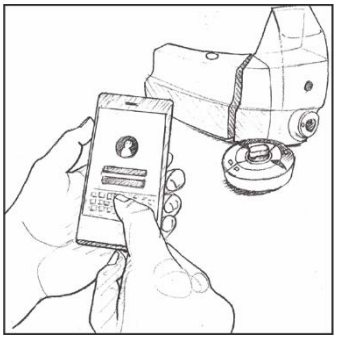
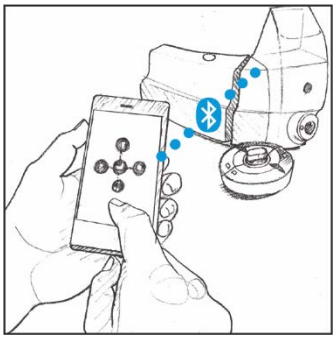




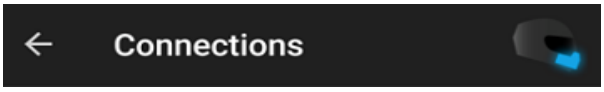


About connections

You can always check the status of all your connections and pairings from the NUVIZ app. Regardless of the NUVIZ app view, whenever you see the Helmet icon ( )you can tap it, and the **Connections** view opens. Active connections are indicated with blue circles and blue lines between the respective connection points: NUVIZ, NUVIZ Controller, Your phone/tablet, WLAN, Bluetooth headset.

Below you can see the **Connections** view when there are no active connections:

When connections are on, the lower part of the helmet icon on the upper right corner of the NUVIZ app is also blue:



Tip! If there is a connection that is not working, on the Connections view, tap on the icon corresponding the device, and you are asked to reconnect or pair the device again. Follow

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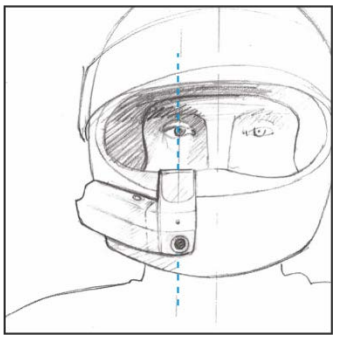
the instructions on the UI. By tapping the icons, you can see additional information about the connected units.

5. Attaching NUVIZ to your motorcycle helmet

Tip! To ensure secure attachment, you need to attach NUVIZ to your helmet 24 hours before going for a ride.

Before attaching NUVIZ to your helmet, make sure the power is on: it is easier to adjust NUVIZ for the best possible user experience when the display is on.

1. Put on your helmet. The correct place for NUVIZ is on the right side of the helmet so that it is in line with your right eye. Use a mirror to help find the correct position. Use both hands to find the optimum view.



Tip! There are hinges in NUVIZ you can use to adjust it. Turn the display to find the optimum viewing angle. The hinge of the NUVIZ allows adjusting the display in four directions.

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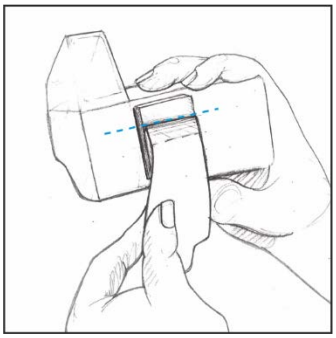
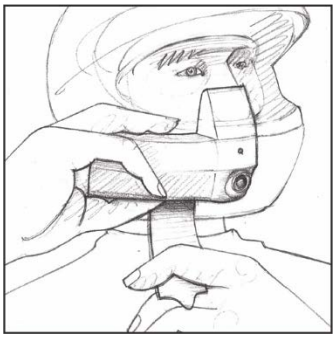
Tip! You will see a special adjusting view on the NUVIZ display when you switch it on for the very first time.

2. On your helmet, clean the surface thoroughly where you plan to attach NUVIZ.
3. Peel off one third of the film that covers the sticky tape and press NUVIZ onto your helmet.



4. Recheck the positioning: you should see the entire display clearly. Only then remove the rest of the film, and press NUVIZ tightly against your helmet to ensure it is properly attached.



Tip! If you are not happy with the positioning of NUVIZ after you have already attached it, don't worry, you can detach the sticky tape with the help of dental floss. See the instructions in the FAQ section of this user guide.

Important! To ensure secure attachment, leave NUVIZ Mount on the helmet for 24 hours before going for a ride.

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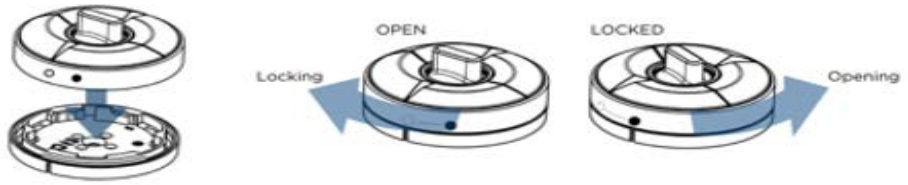
6. Attaching NUVIZ Controller to your motorcycle

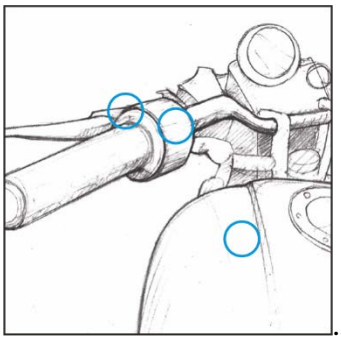
NUVIZ Controller has its own round mounting base where you attach it and then you attach the mounting base to your motorcycle. There are three alternative ways to attach the mounting base to your motorcycle.

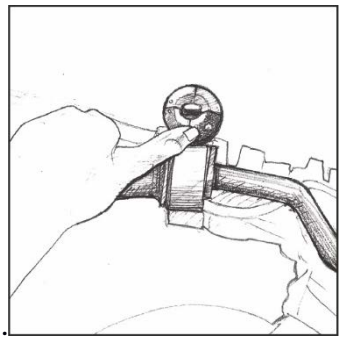
Attach NUVIZ Controller to the mounting base and turn it slightly to the right: you can feel NUVIZ Controller docking into its place. You can easily take NUVIZ Controller with you when you need to leave your motorcycle by twisting it slightly left and lifting it up from the mounting base.



You can use the following three alternative ways to attach the NUVIZ Controller mounting base to your motorcycle:

A. With handlebar mounts to the motorcycle handlebars.
B. By attaching an adhesive petal mounting disc on top of the blinker or on the motorcycle handlebars and attaching the NUVIZ Controller mounting base on the upper disc sticker.
C. By attaching the NUVIZ Controller mounting base with a sticker anywhere on the motorcycle.





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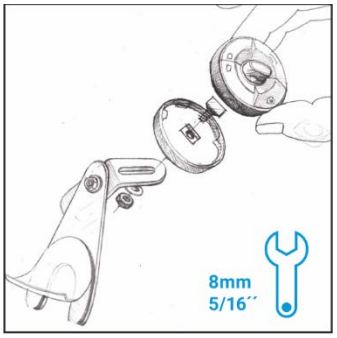
A. Attaching NUVIZ Controller to the motorcycle handlebars

Use the universal handlebar mount M1. The Universal Handlebar Mount M1 has two parts: M1a and M1b. M1b is the part to which you stick the NUVIZ Controller mounting base. Then you fasten M1a to the M1b with a nut and a bolt. And finally, you attach M1a to the handlebar with the U-shaped sticker.



B. Attaching NUVIZ Controller with the mounting disc

If the handlebar mount M1 does not fit your motorcycle, use the handlebar mount M2 instead.

For a secure fit, first bend the petals on the mounting disc as far as is necessary, then attach the petal-shaped sticker to the M2, and only then attach it to your motorcycle. Lastly, remove the film that covers the round sticker, and press NUVIZ Controller on it.

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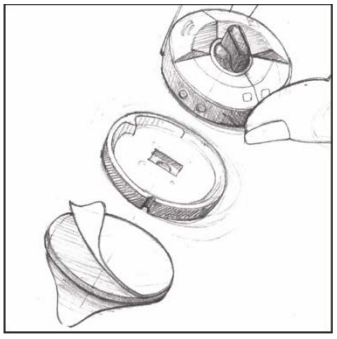
C. Attaching NUVIZ Controller with a sticker

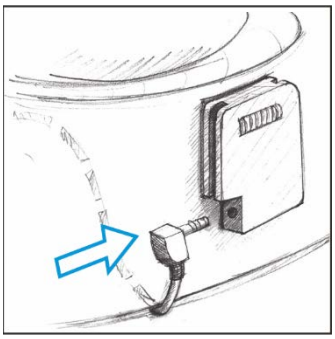
Attach the NUVIZ Controller mounting base with the sticker provided in the sales box anywhere you want on your motorcycle frame. To ensure secure attachment, leave the NUVIZ Controller mounting base on the motorcycle frame for 24 hours before going on a ride.



7. Attaching the headset and the microphone to your helmet

We recommend you use the headset provided in the sales box.

1. Plug the cord of the headset into the headset connector at NUVIZ Mount.



2. Attach the microphone inside your helmet in a convenient place.

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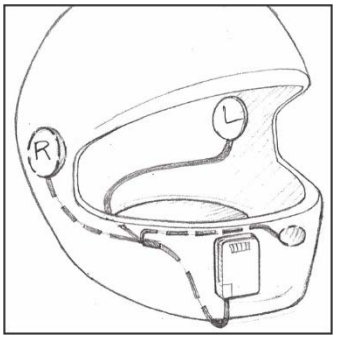


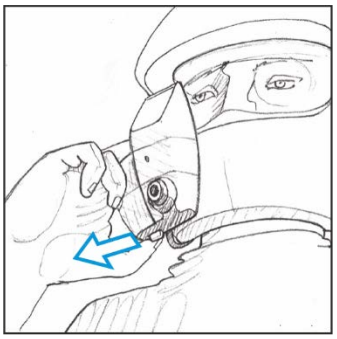
3. Attach the earplugs to appropriate places inside your helmet.

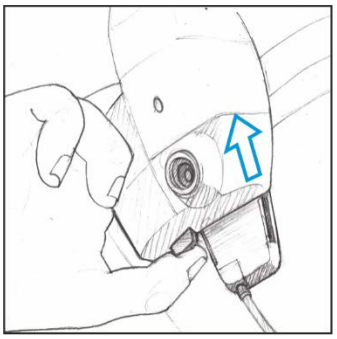
Important! Be careful with the headset volume levels. Exposure to loud sounds may damage your hearing.

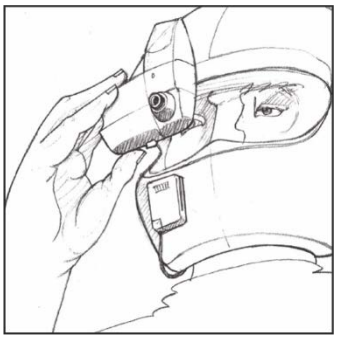
8. Removing and remounting NUVIZ

Removing NUVIZ from the NUVIZ Mount and reattaching it

To remove NUVIZ from the NUVIZ Mount, pull the small button at the bottom of NUVIZ to release it and slide it slowly upwards.







To reattach NUVIZ, slide it slowly down from the top of NUVIZ Mount so that the metallic connectors in NUVIZ and NUVIZ Mount touch. You can hear a click as the NUVIZ slides into its correct place.

Tips for using NUVIZ

NUVIZ may get warm during use. This is normal.

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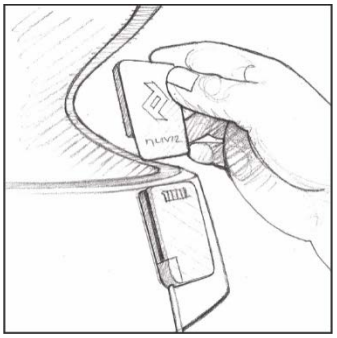
When not using NUVIZ, we recommend you to cover NUVIZ Mount with the NUVIZ Mount Cover, which is the plastic cover found inside the sales box.



Keep NUVIZ clean: We recommend you use a microfiber cloth to clean the head-up display.

Tip! The carrying pouch provided in the sales box is made of microfiber, so you can use that. Just make sure it has no sand or anything else in it that could scratch the optical surfaces.

Tip! Do not place NUVIZ in a pocket with with hard objects or objects that might scratch as these may harm NUVIZ. To avoid scratches, there is a carrying pouch in the sales box for storing NUVIZ when it is not attached to your helmet.

If you accidentally damage the optical display of the HUD Combiner part of your NUVIZ, you can always order a new one at www.rideNUVIZ.com.

Important! Do not try to open any of the devices, as it invalidates the warranty. You only need to open the battery covers when replacing the batteries.

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9. Using the NUVIZ app and NUVIZ

To start using NUVIZ, you first need to download the NUVIZ app to your phone/tablet. For more information, see Getting Started with NUVIZ HUD.

Important! NUVIZ does not assume any responsibility for incompatibility with some Android phones and their software versions. Despite the same operating system, there are great differences between different models and makes, and software versions used by the phone manufacturers. Therefore, it is possible that some are incompatible either completely or in part. See www.rideNUVIZ.com for more information on compatible and tested phones and software versions.

Tip! To always enjoy the full experience of your NUVIZ, do not log out of the NUVIZ app.

The NUVIZ app consists of 4 parts:

- **Rides** for planning and storing routes
- **Garage** for your personal info
- **Gallery** for your photos and videos
- **NUVIZ** for pairing NUVIZ, NUVIZ Controller and your phone/tablet; viewing the user guide; watching support videos; and purchasing accessories.

Personalizing the settings

In the NUVIZ app, tap **Menu icon** > **Settings**.

Here you can, for example,

- change the password of your NUVIZ account
- change the time and clock format of NUVIZ
- download maps and voice guidance to NUVIZ
- change the camera settings of NUVIZ, and
- set up WLAN for NUVIZ.

Downloading maps to NUVIZ

To navigate with your NUVIZ, you first need to download maps to it using your phone. You can also download voice guidance.

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Open the NUVIZ app, and on your Android phone tap **Menu icon** > **Settings** > **Download maps** or **Download and choose Voice guidance**. On your iPhone, tap **Menu icon** > **Settings** > **Navigation** > **Download Maps** or **Download** and choose **Voice Guidance**. Select the maps and the voice guidance you want to download. Maps and voice guidance are then automatically downloaded to your NUVIZ if you have paired it with your phone. You need a WLAN connection to download maps.

Tip! Downloading maps may take time, so don't leave it to the last minute before going for a ride.

Tip! If you don't have a WLAN network available, or if you have a fast mobile data connection on your phone, you can use your phone's WLAN connection for downloading maps and voice guidance.

Be sure to activate your phone's WLAN access point (not just WLAN) before you start downloading maps and voice guidance with your NUVIZ app. Before using your mobile data for downloading large quantities of data, remember to check your mobile data plan and charges from your service provider to avoid any unexpected data costs.

Tip! In many Android phones, typically, you can find the WLAN activation under Settings in **Share Connection** or **Portable hotspot**, and in iPhones, it is often called **Personal Hotspot**. Turn it on and then you can use your own phone as your WLAN access point. Once you have taken your phone's WLAN connection into use, the NUVIZ app goes to the device's WLAN management screen, where you need to select your phone's Android/iOS AP and enter the password for the shared WLAN connection. Once connected, you are ready to download. For more information on using your phone as a portable WLAN, see your phone's user guide.

Planning your route

You can plan riding routes for NUVIZ using the NUVIZ app. Your phone needs to be online (WLAN or cellular data) when planning the routes.

1. In the NUVIZ app, tap **Rides**.
2. Tap the **Plus icon** to add a new route. If you don't want to start your route from your current location (but from some other specific location), tap **my location**, and enter the starting point for your route.
3. If you want to add a waypoint to your route, enter it in the **Via** field. To remove the waypoint, swipe it to left or right. To reorganize the waypoints, on your Android phone, press and hold one, and then drag and drop it to its new place. With your iPhone, you need to select **Options** > **Edit**.

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4. In the **To** field, enter your destination.
5. Tap **Calculate route** > **OK**.
6. Tap either **Go Now** or **Save for later**.

Tip! If you don't want to start navigating immediately, tap **Save for later** to save the route for later use. When you power on your NUVIZ the next time, having your NUVIZ app on, the route will be synchronized to your NUVIZ.

Tip! If you want to hear speed limit warnings when riding, tap **Menu icon** > **Settings** > **Navigation** > **Speed alerts** > set it to ON. You can also set up a limit which alerts you when you exceed the speed limit by more than the amount you set up. There are two alternatives: Speed limit area over 50 mph (80 kph) or speed limit area below 50 mph (80 kph).

Starting the Navigation function

Once you have downloaded the required maps to your NUVIZ and planned your route/routes, you can start navigating using your NUVIZ.

No network connectivity is needed for navigating with your NUVIZ.

Important! NUVIZ needs to have a GPS connection first. This may take a while. Go outdoors and remain stationary until the connection is established. The display shows the progress of the connection with a percentage. Once the connection is established, you see a speedometer on the display.

To see your current surroundings on the map, press the scroll key on the NUVIZ Controller. A blue dot shows your position on the map.

You can navigate using the routes that you have created in the NUVIZ app:

1. Press the scroll key on NUVIZ Controller down until you see **Rides**.
2. Press the bottom function key.
3. Scroll to **Favorites** or **All**, and press the bottom function key, or scroll directly to your latest routes.
4. Press the bottom function key to select the route and start navigating.
5. To stop navigating, go to **Rides** and press the bottom function key.

Handling phone calls

You can see your latest phone calls in your NUVIZ. In the NUVIZ Contacts list, you can only see those contacts with whom you have had calls (either incoming, outgoing or missed calls).

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Tip! Some phone models only show the latest calls, but don't indicate whether they were incoming, outgoing or missed call. In this case the phone icon on the list is white.

1. To make a call, press the scroll key on NUVIZ Controller down until you see **Calls**.
2. Press the bottom function key.
3. Scroll to the name or number you want to call, and press the bottom function key.
4. To adjust the volume, long-press the scroll key on NUVIZ Controller up or down.
5. To end the call, press the bottom function key.

To answer a call, press the bottom function key.

Listening to music

Start playing music on your phone and listening it through the headset in your helmet. Press the scroll key on NUVIZ Controller down until you see **Music**. In this view, you have the following options:

- To pause or stop the music, press the bottom function key on NUVIZ Controller.
- To continue playing music, press the bottom function key on NUVIZ Controller again.
- To skip to the next song, press the top function key on NUVIZ Controller.

Important! Due to limitations in Bluetooth® technology, using Bluetooth headset to listen to music will slow down your other Bluetooth connections. For example, automatic transfer of photos from your NUVIZ to your phone Gallery will be considerably slower. Also note that if you listen to music with your Bluetooth headset while recording a video, the sound quality of your music will deteriorate.

Adjusting the volume

Volume controls in apps and on accessories such as headsets may work independently of the controls built into NUVIZ. This means that in the same way as using your phone with most Bluetooth® wireless technology headsets, if you adjust the volume level of calls and music on your phone, this will in practice act as the pre-level for the volume in your NUVIZ. For example, if you want to enable the maximum volume level in your headset connected to your NUVIZ, you need to have the volume level set at maximum position in both your phone and your NUVIZ.

Important! You need to adjust the volume levels separately for music and phone calls on your phone, and this affects them respectively in your NUVIZ.

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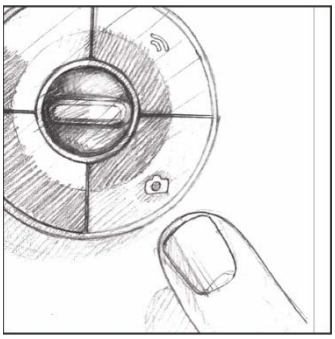
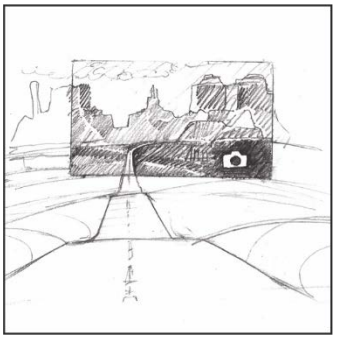
NUVIZ allows for separate volume control for different audio sources: phone calls, music, navigation, and system sounds. Select the audio source to be adjusted with the bottom function key of the NUVIZ Controller when adjusting the volume for your NUVIZ. However, due to limitations of the Bluetooth standard, your NUVIZ cannot show the pre-set volume level of your phone: you need to check that from your phone.

Taking photos and videos

Before taking any photos, adjust the position of the camera lens in your NUVIZ. On NUVIZ Controller, press the Camera key (lower right key) to activate the camera viewfinder.



Press the plastic ring around the camera lens and turn the lens to the desired position for optimal view.



Important! The camera is off by default to save battery power. When you press the Camera key in NUVIZ Controller to activate the camera, it takes a few seconds for camera to activate. Once you see the viewfinder, the camera is ready.

You also have the option to deactivate the viewfinder altogether: Go to your NUVIZ app, tap **Menu icon** > **Settings** > **Camera** > **Viewfinder**. If you have the Viewfinder disabled, you see a green Camera icon on your NUVIZ as an indication of camera being ready. If you don´t use the camera for 3 minutes, it is automatically disabled. You can also disable the camera manually when riding: go to the DASHBOARD view, and press the top function key.

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To change the photo and video settings, in the NUVIZ app, on your Android phone, tap **Menu icon** > **Settings** > **Camera**. On your iPhone, tap **Menu icon** > **Settings** > **Camera** > **Viewfinder Mode**.

Taking a photo

1. Press the camera key (lower right key) on NUVIZ Controller to activate the camera viewfinder.
2. Press the camera key again to take a photo.

The photo is stored full-sized on the NUVIZ memory or, if you have a memory card in NUVIZ, the photo is stored on the memory card. Once you start the NUVIZ app on your phone, the photo is also copied to your phone, but at a lower resolution.

To access the high-resolution image, transfer it from your NUVIZ to your computer with the USB type B cable found in the sales box.

To remove a photo from the NUVIZ memory or the memory card, connect your NUVIZ to your computer with the USB cable type B and use your computer to remove the photo.

Recording a video

First, make sure you have inserted a memory card in your NUVIZ. You can find the instructions for inserting the memory card elsewhere in this user guide.

1. Press the camera key (lower right key) on NUVIZ Controller to activate the camera viewfinder. It takes some time for the camera to activate.
2. Press and hold the camera key for a few seconds to start the recording.
3. To stop the recording, press and hold the camera key.

To watch the videos you have recorded, transfer them first to your computer with the USB type B cable found in the sales box.

Due to limitations in Bluetooth implementation, when recording a video and using a Bluetooth headset, there will be no audio recorded. This means that the video will be mute.

The maximum file size for a one video recording is 4GB. When that is reached, the video recording continues automatically on a new video file.

Updating your Garage

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Garage is the place for your personal info.

In the NUVIZ app, tap **Garage** > **Profile** to enter your details. Tap **Stats** to see statistics from your rides.

Updating the software

To update the software to your NUVIZ, you need your phone and a WLAN connection.

Tip! If you don't have a WLAN network available, or if you have a fast mobile data connection on your phone, you can use your phone's WLAN connection for updating the software.

Be sure to activate your phone's WLAN access point (not just WLAN) before you start the software update. Before using your mobile data for downloading large quantities of data, remember to check your mobile data plan and charges from your service provider to avoid any unexpected data costs.

In the NUVIZ app, on your Android phone > tap **Menu icon** > **Settings** > **NUVIZ** > **Software update**. Tap **Download and install update**. On your iPhone, tap **Menu icon** > **Settings** > **NUVIZ** > **Software update**.

Tip! You will not lose your existing map data, routes, photos and settings. Do not switch off NUVIZ during updating.

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10. FAQs

I accidentally attached NUVIZ Mount in the wrong position on my helmet. How do I remove it?

Take a piece of dental floss and twist its ends around two screwdrivers or similar instruments (but not your fingers!). Then carefully slide the dental floss between the sticky tape and the helmet until NUVIZ Mount comes off. You may be able to use the same piece of sticky tape more than once to reattach NUVIZ Mount, depending on its condition after removal of the first attachment, and depending on the time it has been attached. Do not reuse the same piece of sticky tape if you suspect its ability to attach as firmly as it did the first time.

You can watch a video on how this is done in the NUVIZ app > tap **NUVIZ** > **Guides**. Or check out the video and other videos on the web.

NUVIZ Mount doesn't sit properly on my helmet. What can I do?

There's an extra piece of sticky tape in the sales box. Cut a piece of the tape and use it to adjust and secure the base plate on your helmet.

How do I save battery power?

Switch off the display when it is not needed by pressing shortly the power key of your NUVIZ.

You can also set your NUVIZ to switch itself off automatically, if it hasn't been used for a while. In the NUVIZ app, on your Android phone tap **Menu icon** > **Settings** > **NUVIZ** > **Automatic shutdown**, and select the period after which the display switches itself off. On your iPhone, tap **Menu icon** > **Settings** > **NUVIZ** > **AUTO POWER OFF** to select the period.

I accidentally gave an incorrect e-mail address when creating a new NUVIZ account. What do I do?

If you accidentally give an incorrect e-mail address when creating a new user account, you will not receive a confirmation code for your registration. In that case please contact support@ridenuviz.com or just simply create a new account.

I cannot remember my password for the NUVIZ app. What do I do?

When trying to log in to your NUVIZ account, you can ask for a new one to be sent to your e-mail address.

What do I do if my NUVIZ doesn't respond when I try to switch it on?

Press the power key for 15 seconds, or remove and reinsert the battery to reset the device.

The NUVIZ app does not open up. What do I do?

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Switch your phone off and then on again, and try once more. If you continue to have problems, uninstall your NUVIZ app and then reinstall it.

Can I use my NUVIZ app when my phone is offline?

Yes, you can use some of the features, for example, the automatic photo transfer from your NUVIZ to your phone is active whenever your NUVIZ app is on, and you can also see your photos in Gallery. However, you cannot, for example, plan routes offline with your NUVIZ app. Whenever your phone is offline, you see an offline notification on your phone's display.

My Polaroid sunglasses distort the colors on the display. How do I fix this?

This is a known issue with polarized glasses and some visor types. If possible, use another type of sunglasses or visor.

The photos that the camera takes are distorted at the edges. How do I fix this?

This is a typical phenomenon with action cameras. If possible, use a photo editing tool to fix the photos.

Why does the display sometimes get dim during use?

This is due to the device getting warm during use. Dimming the display helps cool the device.

I have a new phone and I want to pair it with my NUVIZ?

If you have any other phones or tablets paired with your NUVIZ, switch them off or turn the Bluetooth function off on them before you start pairing your new phone with your NUVIZ. Then you need to switch off your NUVIZ and switch it back on again to pair it with your new phone. After this, follow the pairing instructions given in this user guide.

I have an existing phone paired with my NUVIZ, and now I want to pair another phone with my NUVIZ. How do I proceed?

First, switch off your old phone, and then reboot your NUVIZ. Next, switch on your new phone, install the NUVIZ app, log in, and follow the instructions on your phone's screen. **Note!** If you have, however, already used the NUVIZ app on your new phone, you need to go to the Connections view on the NUVIZ app, and click on the NUVIZ icon to start the pairing of the devices.

I am replacing my old NUVIZ with a new one, what do I do with the old pairings?

Go to NUVIZ app connectivity view, tap on your NUVIZ icon, and select **Unpair and pair again**. You can also delete your phone's old pairings by going to your phone's Bluetooth settings, and then do a new pairing.

Can I pair NUVIZ with both my phone and tablet at the same time?

Yes, you can, but only one device at a time can be connected to your NUVIZ.

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I can't pair my NUVIZ and NUVIZ Controller, what can I do?

Reset your NUVIZ Controller by removing the battery and putting it back, and try again pairing it with your NUVIZ.

How to switch calls from my NUVIZ headset in my helmet to my phone's speaker?

If you have your NUVIZ nearby, just switch it off, and your calls are routed to your phone's audio, but if not, you need to tap the Bluetooth icon on the phone screen in the Caller App view. If you close the Bluetooth connection on your phone ***entirely*** to route the calls to your phone while your headset is connected to your NUVIZ, and then wish to route the calls again to your NUVIZ, you need to turn the Bluetooth on your phone and select your NUVIZ from the device list in the settings.

I have tried resetting my NUVIZ and switching it on again and it still does not work properly, what should I do?

In that case, go to our website www.rideNUVIZ.com/SUPPORT, where you find further instructions and assistance.

Where are my maps stored? Do I use offline or online maps?

When planning routes with your phone/tablet, that is, when using your Android or iOS NUVIZ app to plan routes, you are using online maps. Therefore, when planning routes, you need a WLAN or cellular data connection for your phone.

NUVIZ, however, uses offline maps only. They are stored in the internal memory of your NUVIZ. This is why you need to use your Android or iOS NUVIZ app to download the needed offline maps to your NUVIZ before your first route navigation. There are no preloaded offline maps in your NUVIZ at the time of purchase.

Why is there no audio in my video recording?

If you are using a Bluetooth headset, and recording a video, there will be no audio recorded due to limitations in Bluetooth implementation. This means that the video will be mute.

Why does it seem like listening to music with my Bluetooth headset slows down other functions?

Due to limitations in Bluetooth technology, using Bluetooth headset to listen to music will slow down your other Bluetooth connections. For example, automatic transfer of photos from your NUVIZ to your phone Gallery will be considerably slower.

Why does the quality of my music change when I shoot a video?

Are you using a Bluetooth headset? Due to limitations in Bluetooth technology, if you listen to music with your Bluetooth headset while recording a video, the sound quality of your music will deteriorate

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I don´t find a wall charger on the NUVIZ website. Which wall charger am I to use? Please indicate a suitable one that I can order, and where can I get it from.

You can use any high-quality USB charger with micro USB-B connector. Minimum 1.2A supply capability is recommended for optimal performance.

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11. Product and Safety Instructions

STOP. For your safety, please read this entire Legal Guide, the User Guide, and the Terms of Service **before** operating NUVIZ products. Read all instructions, warnings, and safety information. It is critical that you follow the instructions and heed the warnings to prevent injury to yourself or others and to prevent damage to your products. "NUVIZ" refers to the NUVIZ head-up display device. "NUVIZ products" collectively refers to NUVIZ, its battery, the controller, headset, the mounting hardware, and the items supplied with the product. "Accessories" refers to NUVIZ approved accessories used with the product.

Information in this document may be changed. NUVIZ reserves the right to change or improve its products and to make changes in the documentation without notice of such changes or improvements. Please refer to the User Guide and www.rideNUVIZ.com/support for additional important information on the use and operation of NUVIZ products, accessories, and any services NUVIZ offers. The NUVIZ website (www.rideNUVIZ.com) may contain updates and supplemental information concerning the use and operation of NUVIZ products and accessories. Updates and supplemental information concerning the use and operation of NUVIZ products and accessories may also be available through the mobile NUVIZ application.

DISPUTE RESOLUTION – US CUSTOMERS

Any controversy or claim arising out of or relating to your use of any NUVIZ products, accessories or services (including any claim involving NUVIZ or its affiliates, subsidiaries, employees, contractors, officers, directors, telecommunication providers and content providers) shall be settled in your individual capacity, and not as a plaintiff or class member in any purported class action or representative proceeding, by arbitration administered by the American Arbitration Association under its Commercial Arbitration Rules conducted in San Diego County, California, and judgment on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof. You consent to jurisdiction of the state and federal courts of California for enforcement of this arbitration provision.

DISPUTE RESOLUTION – EUROPEAN AND OTHER THAN US CUSTOMERS

The district court in Helsinki, Finland shall have non-exclusive jurisdiction to deal with any controversy or claim arising out of or relating to your use of any NUVIZ products, accessories or services (including any claim involving NUVIZ or its affiliates, subsidiaries, employees, contractors, officers, directors, telecommunication providers and content providers) and they shall be resolved by the district court in Helsinki, Finland.

PRODUCT SAFETY & WARNINGS

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Obey Laws and Regulations

Abide by all local laws when using NUVIZ products, accessories and services, including all privacy laws, which may restrict recording in certain areas. Local laws may also prohibit riding motorcycles while wearing headsets.

For Ages 18 and Older

NUVIZ is only for driver-users with legal licenses to operate their respective vehicle (e.g. motorcycle, car, snowmobile, or all-terrain vehicle) and who have reached the age of majority in their state, province, or country of residence. For example, in the United States of America, that means 18. Passengers using NUVIZ need not have a license, but must have reached the age of majority in their state, province, or country of residence. In no event should anyone under the age of majority in their state, province, or country of residence, operate NUVIZ.

Drugs and Alcohol

Do not use any NUVIZ products under the influence of drugs or alcohol, including prescription medications.

Safety Instructions

Exercise caution when using NUVIZ products. Always be aware of your surroundings to avoid injury to yourself and others.

Chose a helmet that meets the applicable safety standard. Use care in selecting the right helmet for your particular sport or activity and make sure that it fits you properly.

Inspect your helmet to ensure that it is in good condition and follow the helmet manufacturer's instructions, including those about safe helmet use. Never use a helmet that has sustained a major impact; immediately replace any helmet that sustains a major impact. No helmet can protect against injury in every accident.

Never modify your helmet. It is very dangerous to drill holes or to cut the shell and/or the shock absorbing liner. Modification can seriously weaken the helmet.

Always attach NUVIZ securely to your helmet following the instructions so it does not interfere with or obstruct the rider's view of the road.

Do not attach the NUVIZ controller in such a way that it interferes with the vehicle's operating controls but remains easy to access and use.

NUVIZ is designed for mounting on the chinbar of full-face helmets or flip-up/modular helmets. Do not ride with an open flip-up chinbar. Close the flip-up chinbar properly and check that it is locked securely before riding. Driving with an open flip-up chinbar is not allowed. Never ride with an open face shield. Riding without the face shield or with an open face shield can result in injury to the eyes and face.

For your safety and the safety of others, always prioritize safety when riding. Do not become distracted by your NUVIZ products or accessories while riding, and always pay close attention to

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all riding conditions. Minimize the amount of time spent viewing the NUVIZ display or using NUVIZ while riding. Do not input destinations while riding. Do not adjust settings or access device functions requiring extended use of the device controls while riding. Instead, safely and legally park before attempting such operations. When using NUVIZ for navigation, carefully compare information displayed on the NUVIZ display to other sources such as road signs, possible changes in roads, road conditions, traffic congestion, weather and other factors that may have an impact on your safety while riding. Always resolve any discrepancies before continuing navigation. Prioritize posted road signs and road conditions.

NUVIZ is designed to provide assistance and route suggestions, but it is not a replacement for rider attentiveness and good judgement. Never follow route suggestions if they suggest an unsafe or illegal maneuver or would lead to an unsafe situation.

Avoid high volume levels. Using the headset with loud or high volume may be harmful to your ears and cause hearing damage or loss. High volume levels may also prevent or distract you from hearing traffic and cause an accident. Always make sure you can hear your surroundings.

Maintenance

Keep NUVIZ clean. Do not clean NUVIZ products with solvents, toxic chemicals or strong detergents as they may damage your NUVIZ products and void the warranty.

Only store NUVIZ on flat surfaces. Do not drop or shock NUVIZ products. Never clean NUVIZ while riding a motorcycle or operating a vehicle. Always wait until safely parked.

Do not store NUVIZ near magnetic fields. NUVIZ may malfunction or the battery may discharge from exposure to magnetic fields.

For long periods of storage, keep the battery between 59°F (15°C) and 77°F (25°C). NUVIZ products can be used in locations with an ambient temperature of 32°F (0°C) to 95°F (35°C). Using or storing NUVIZ products outside of the recommended temperature ranges may damage the products, reduce the battery's capacity, or reduce the battery's lifespan. NUVIZ products with a battery outside the optimal temperature range (either too hot or too cold) may not work temporarily.

Do not store NUVIZ products in very hot areas such as inside a car in the summertime. Doing so may result in damage to the device or cause the battery to explode.

Do not store NUVIZ products with metal objects, such as coins, keys, and necklaces. If the battery comes into contact with metal, this may cause a fire or your battery or NUVIZ may be scratched or malfunction.

Battery performance will reduce over time. When your charger is not in use or battery fully charged, unplug it. Leaving a fully charged battery in a charger may damage the battery over time.

The battery may malfunction if not used for an extended period. Over time, an unused battery will discharge and must be recharged before use. Disconnect the charger from power sources when not in use. Follow all instructions in the User Guide to ensure the longest lifespan of your NUVIZ and battery.

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Damage or poor performance caused by failure to follow warnings and instructions voids the warranty. NUVIZ may wear out over time. Some parts and repairs are covered by the warranty within the validity period, but damages or deterioration caused by using **unapproved** accessories or due to other owner misuse are not.

⚠ **WARNING:** TO REDUCE RISK OF EXPLOSION, ONLY USE MANUFACTURER RECOMMENDED BATTERY.

Never replace a rechargeable battery with non-rechargeable battery. Using another battery presents a risk of fire, explosion, or other hazard, and will invalidate an applicable warranty. To purchase a replacement battery, visit www.rideNUVIZ.com. If you believe the battery or charger is damaged, discontinue using the battery immediately. Never use a damaged battery or charger.

Dispose of a used battery according to the instructions. DO NOT dispose of the battery in a fire as it may explode. Obey all local regulations and recommendations regarding disposal of the battery. Do not dispose of the battery as household garbage. Please separate the battery from other types of waste and recycle it responsibly to promote the sustainable reuse of material resources.

⚠ **WARNING:** This product can expose you to chemicals, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

⚠ **WARNING:** When charging NUVIZ or replacing batteries, do not handle the battery, plug, or charger with wet hands. Failure to observe this precaution could result in electric shock.

⚠ **WARNING:** The contents of the battery contain toxic substances. Do not cut, dismantle, crush, bend, puncture, or otherwise damage the battery in any manner. If a battery leaks, do not handle the battery and do not let liquid touch skin or eyes. If this happens, immediately flush the affected areas with water, and seek medical help. Do not modify, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids. The battery may explode if damaged.

Keep out of reach of children.

Keep the battery away from children and pets.

DO NOT take the batteries on a plane, either in checked baggage or in carry-on luggage.

Do not charge the battery during a lightning storm.

Always store and use the device with any covers attached. Turn the device off and disconnect the charger before removing any covers or removing the battery.

Do not use a sharp object to remove the battery. Do not disassemble or modify the device as it may damage it and will invalidate the warranty. To unplug a charger or an accessory, hold and pull the plug, not the cord.

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Modifications

Do not attempt to modify or repair NUVIZ products, or replace any of the components. This will void any warranty and can lead to malfunction.

Allow only qualified personnel to service your NUVIZ products. Allowing unqualified personnel to service your NUVIZ products may result in damage to your products and will void your manufacturer's warranty.

ONE YEAR LIMITED WARRANTY

NUVIZ, Inc. warrants that for a period of one (1) year from original date of purchase, NUVIZ will be free from defects in materials and workmanship under normal use. In the event of a defect, please contact NUVIZ Customer Support (www.rideNUVIZ.com/support) for assistance. NUVIZ Inc.'s exclusive obligation under this warranty will be, at its option, to repair or replace NUVIZ. This warranty does not apply to products damaged by misuse, accident, or normal wear and tear. This warranty does not apply to products damaged by the customer's failure to follow product instructions or the customer's use with any associated or complementary equipment or software not furnished by NUVIZ or NUVIZ, Inc. Damage resulting from use with non-NUVIZ batteries, power cables, or other battery charging/recharging accessories or devices is also not covered by this or any warranty.

ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THIS WARRANTY. NUVIZ, INC. DISCLAIMS ALL OTHER EXPRESSED OR IMPLIED WARRANTIES OR CONDITIONS. **TO THE EXTENT NOT PROHIBITED BY LAW**, IN NO EVENT WILL NUVIZ, INC.. OUR DIRECTORS, OFFICERS, EMPLOYEES, SUBSIDIARIES, AFFILIATES, AGENTS, CONTRACTORS, INTERNS, SUPPLIERS, SERVICE PROVIDERS OR LICENSORS, BE LIABLE FOR ANY LOSS OF DATA, REVENUE OR PROFIT, REPLACEMENT COSTS, OR FOR ANY SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED, ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE THE PRODUCT, EVEN IF NUVIZ, INC. HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL NUVIZ, INC's LIABILITY EXCEED THE AMOUNT PAID BY YOU FOR THE LOWER OF THREE MONTHS OF NUVIZ SERVICES OR NUVIZ.

This limited warranty applies only to the original purchaser of NUVIZ and cannot be assigned or transferred to any subsequent purchaser. The warranty becomes effective on the initial date of purchase and it expires when the warranty term expires. However, in addition to the exclusions set forth above, the warranty will terminate prematurely in any situation where NUVIZ has been sold to a third party, the product markings have been modified or removed, or NUVIZ has been repaired, disassembled, or modified by an unauthorized person.

European Union Consumers: For a period of two (2) years from the original date of purchase of NUVIZ, free of charge, NUVIZ, Inc. provides a limited manufacturer's guarantee to the end customer. This shall not limit any consumer rights which you have under consumer law; instead it grants you additional rights. The guarantee is governed by the following terms and conditions. NUVIZ, Inc. guarantees that for a period of two (2) years from the original date of purchase, NUVIZ will be free from defects in materials and workmanship under normal use and provided it has been used in accordance with the instructions in the relevant NUVIZ User Guide found at

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www.rideNUVIZ.com/support. In the event of a defect, please contact NUVIZ Customer Support at www.rideNUVIZ.com/support for assistance and be prepared to present the original purchase receipt. NUVIZ, Inc.'s sole obligation under this guarantee will be, at its option, to repair or replace the defective product. This guarantee does not apply to products damaged by misuse, accident, or normal wear and tear. This guarantee does also not apply to products damaged as a result of repair works not performed by NUVIZ, Inc. or an authorized NUVIZ dealer.

WARRANTY REPLACEMENT PROCEDURE

NUVIZ, INC. provides the warranty service solely through the sales channels where the purchase was made. Further information of the warranty procedure is available at the NUVIZ website www.rideNUVIZ.com.

In the event of doubt, please contact NUVIZ support at www.rideNUVIZ.com and click SUPPORT.

Limited warranty service may be obtained by delivering NUVIZ to NUVIZ, Inc. or to the distributor it was purchased through. A proof of purchase or dated receipt is required. In transporting the device for service, Customer agrees to insure NUVIZ or assume the risk of loss or damage in transit, to prepay shipping charges to NUVIZ, and to use the original shipping container or equivalent.

WAIVER

By using NUVIZ, you waive some legal rights as detailed fully in the Terms of Service and highlighted herein. Please read this Legal Guide and the Terms of Service carefully before using NUVIZ products and services. Use of the NUVIZ products and services means you agree to all provisions in this Legal Guide and the NUVIZ Terms of Service. If you do not agree and consent to all the provisions in the Legal Guide and Terms of Service, please return NUVIZ for a refund in accordance with the above-noted instructions.

THIRD PARTY TRADEMARKS AND ITEMS

Bluetooth® is a registered trademark of Bluetooth SIG, Inc. worldwide.

Android® is a registered trademark of Google Inc.

iPhone® and iPad® are trademarks of Apple Inc., registered in the United States of America and other countries.

The Global Positioning System (GPS) and Global Navigation Satellite System (GLONASS) systems are satellite based systems that provide location and timing information around the globe. GPS is operated and controlled by the Government of the United States of America, which is solely responsible for its availability and accuracy. GLONASS is operated and controlled by the Government of Russia, which is solely responsible for its availability and accuracy. Changes in GPS or GLONASS availability and accuracy or in environmental conditions may have an impact on the operation of this device.

NUVIZ Inc., its directors, officers, employees, subsidiaries, affiliates, agents, contractors, interns,

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REGULATORY INFORMATION

This product is RoHS compliant.

To see a complete and up-to-date list of country certifications, please visit www.rideNUVIZ.com/support.

European Union notice

NUVIZ, Inc. hereby declares that the radio equipment type NUVIZ is in compliance with EU Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: www.rideNUVIZ.com/support.

Federal Communications Commission (FCC)

Statement 15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced technician for help.

15.19

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) this device may not cause harmful interference and

2) this device must accept any interference received, including interference that may cause undesired operation of the device.

15.21

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

SAR

This device has been tested and meets applicable limits for radio frequency (RF) exposure.

Specific Absorption Rate (SAR) refers to the rate at which the body absorbs RF energy. SAR limits depend on whether the device is used against the head or on the wrist. The SAR limit is 1.6 watts per kilogram averaged over 1 gram of tissue for use against the head and 4.0 watts per kilogram averaged over 10 grams of tissue for use against hand in countries that follow the United States of America FCC limit. The SAR limit is 2.0 watts per kilogram averaged over 10 grams of tissue for use against the head and 4.0 watts per kilogram averaged over 10 grams of tissue for use against hand in countries that follow the Council of the European Union limit.

During testing, the radios of this device are set to their highest transmission levels and placed in positions that simulate use against the head, with 4 mm separation, and on the hand, with no separation. When installing this device on your helmet, choose the helmet with at least 4 mm of separation between the device and your head to ensure exposure levels remain at or below the as-tested levels.

FCC/IC

Equipment class	Frequency band	Highest SAR summary	
		Head (Separation 0mm)	Extremity (Separation 0mm)
		1g SAR (W/kg)	10g SAR (W/kg)
DTS	2.4GHz WLAN	0.44	0.06
DSS	Bluetooth	0.06	0.02

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CE

Frequency band		Highest SAR summary	
		Head (Separation 0mm)	Extremity (Separation 0mm)
		10g SAR (W/kg)	
WLAN	2.4GHz WLAN	0.211	0.084

Industry Canada Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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