

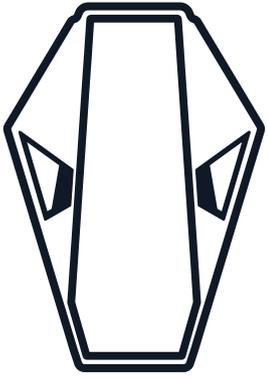


C 20

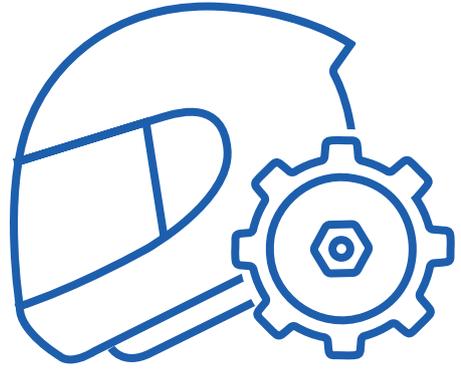
USER MANUAL



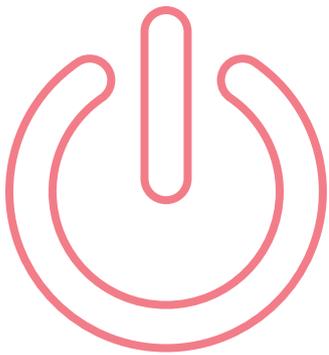
This user manual covers everything you need to know about your C20



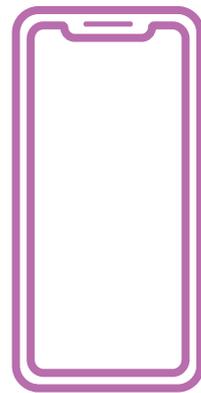
About C20



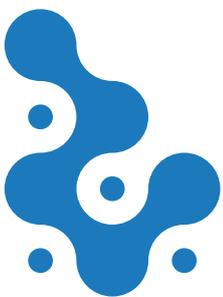
Installation Steps



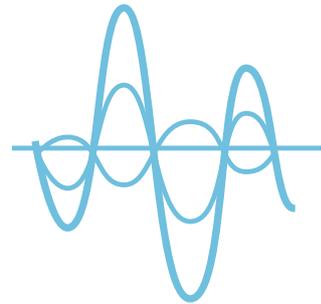
Getting Started



Phone Usage



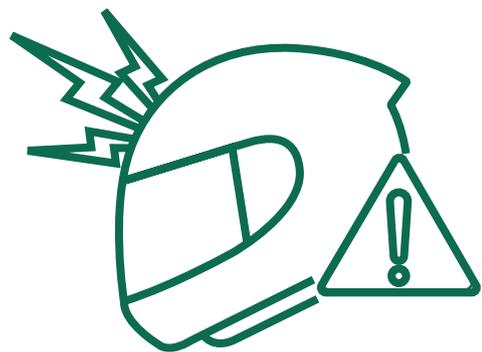
RIDEGRID LITE™



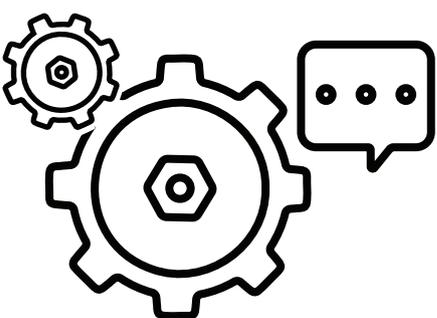
Audio/Voice Experience



PORTWEAVE™



Crash Detection



RESET & REBOOT

ADDITIONAL
ACCESSORY
USAGE GUIDE



About C20



Congratulations
on purchasing your C20



01 - OVERVIEW

02 - WHAT'S IN THE BOX

03 - C20 UNIT



01 OVERVIEW

C 20

At BluArmor, we believe that every rider—no matter where they begin—deserves access to high-quality communication technology. The all-new C20 brings this vision to life. Designed for those starting their riding journey, the C20 breaks long-standing myths that great features must come with a heavy price tag. By offering essential tech, reliability, and rider-centric functionality at an unbeatable value, the C20 sets a new benchmark for entry-level intercoms.

Built on the same design language as our C50 series, it delivers a sleek, modern aesthetic with thoughtfully chosen features that matter most.

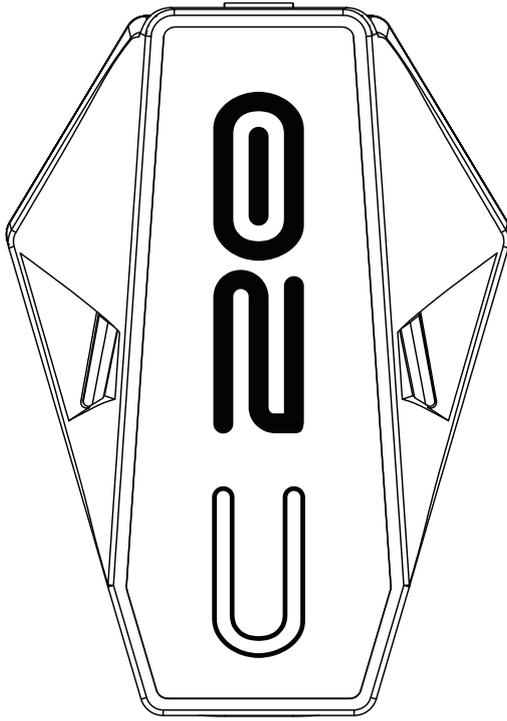
The C20 is not just affordable—it's the smartest first step into the world of connected riding.



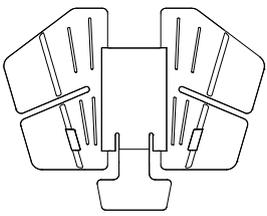
02

WHAT'S IN THE BOX

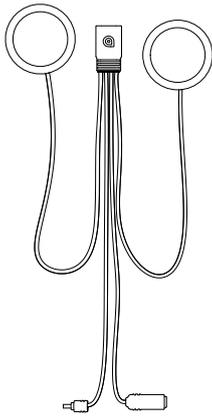
C20 UNIT



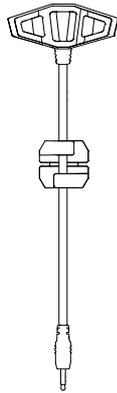
PRIMARY PARTS



WING MOUNT



HARNESS WITH SPEAKERS



3 BUTTON MODULE

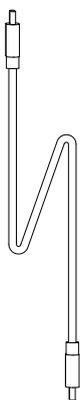


BOOM MIC



CLICKDOCK CABLE

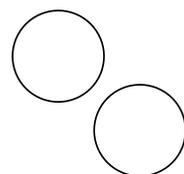
SECONDARY PARTS



CHARGING CABLE



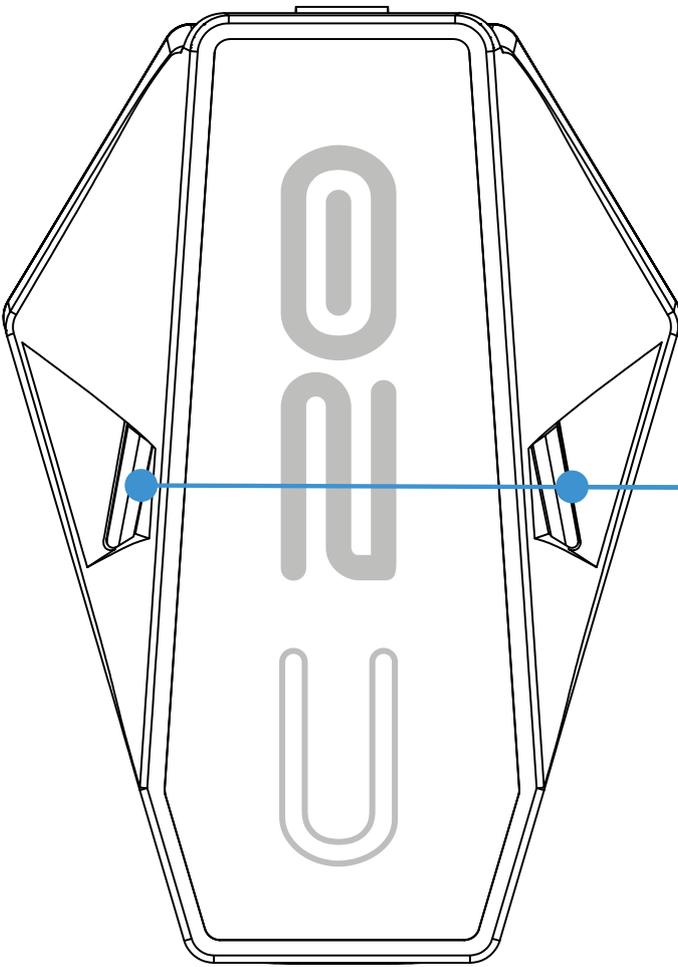
BUTTON MIC



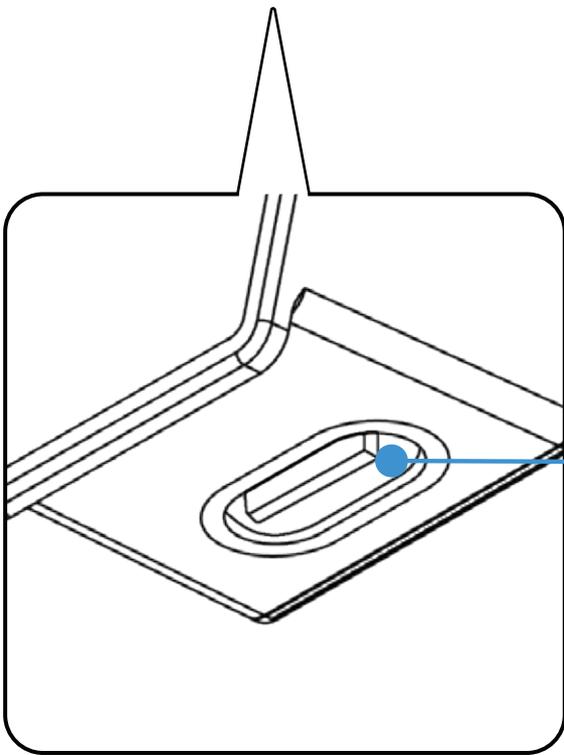
SPEAKER SPACERS



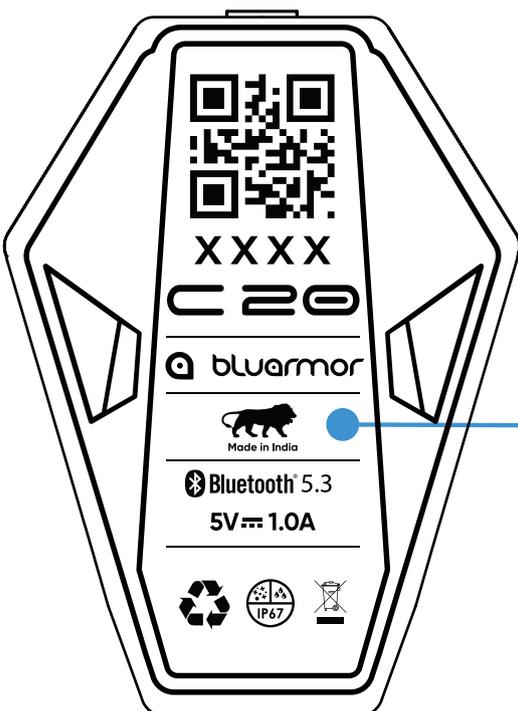
03 C20 UNIT



STATUS LEDS



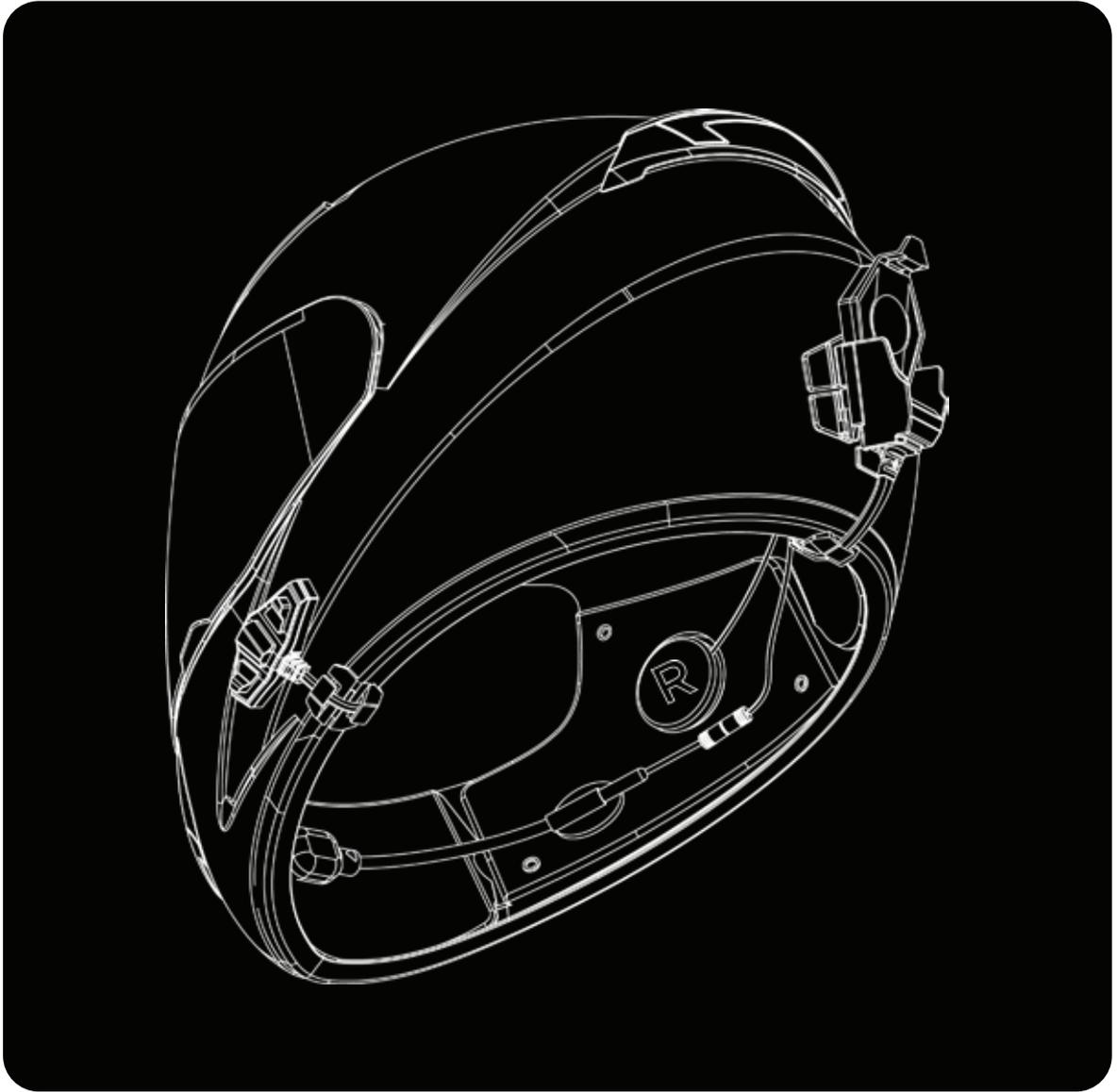
USB TYPE-C PORT



C20 BACKPLATE



Installation Steps

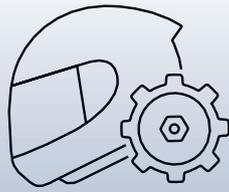


- 01** - HEADSET KIT PLACEMENT &
3 BUTTON MODULE INSTALLATION
- 02** - CONNECTING THE COMPONENTS
TO THE HARNESS
- 03** - CLICKDOCK INSTALLATION



**WATCH
ALL VIDEOS**

UNBOXING &
INSTALLATION



01

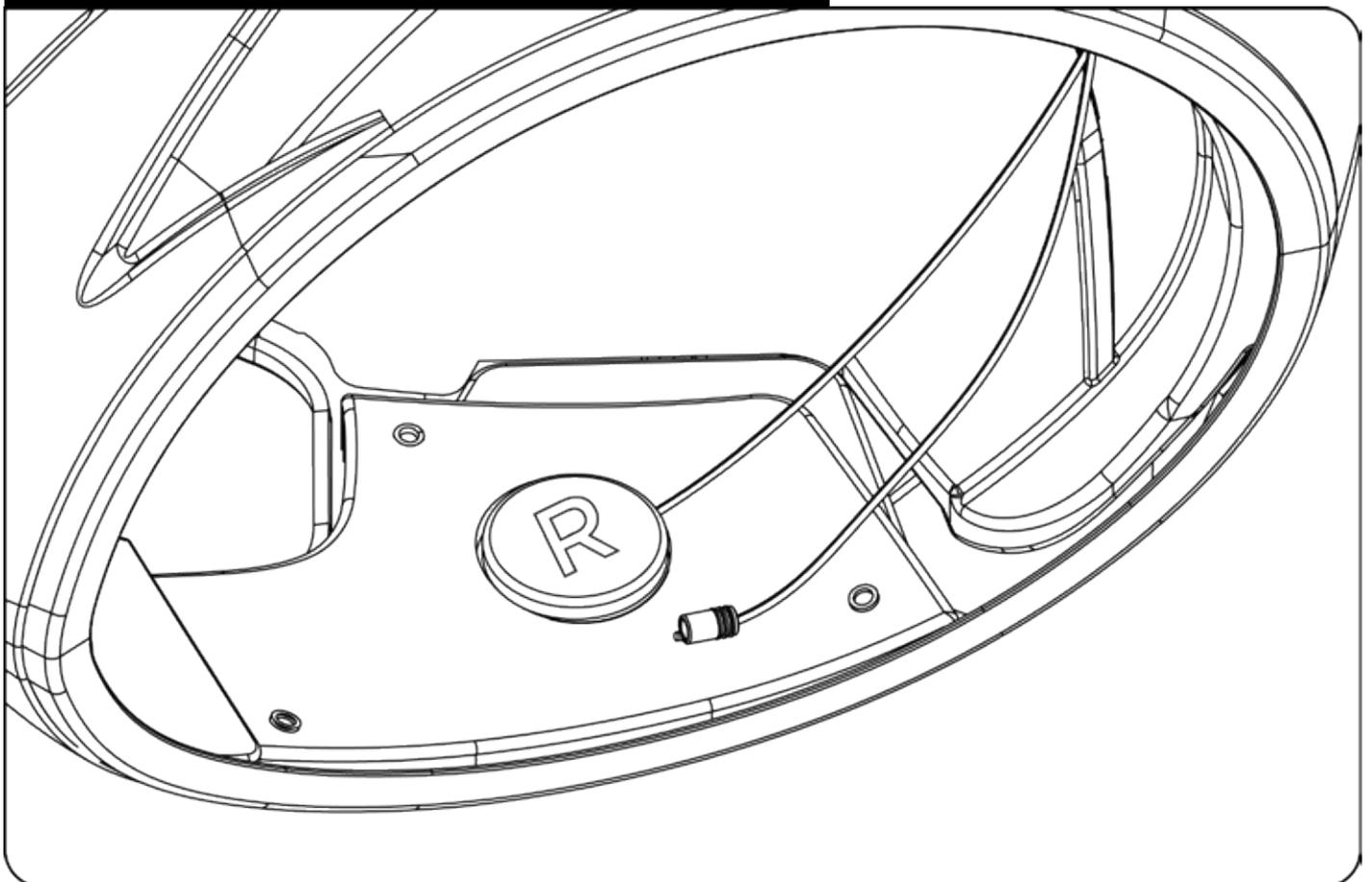
HEADSET KIT PLACEMENT



Start by installing the harness with speakers. And before you install the headset, you need to remove the helmet inner padding to reveal the speaker slots.

NOTE - MOST HELMETS PROVIDE A SPEAKER SLOT. IF YOUR HELMET DOES NOT HAVE A SPEAKER SLOT, YOU WILL NEED TO PUSH THE EAR-PIECE INTO PLACE ON THE EPS (THERMOCOL) LAYER.

HEADSET KIT INSTALLATION



- Take the harness with speakers and the velcro stickers.
- Locate the slots provided inside the helmet.
- Remove the release liner from the speaker velcro and paste it in the speaker slot along with the speaker.
- Use additional spacers to center the speakers and position them close to your ears.
- Adjust the speaker position later when testing the audio output.

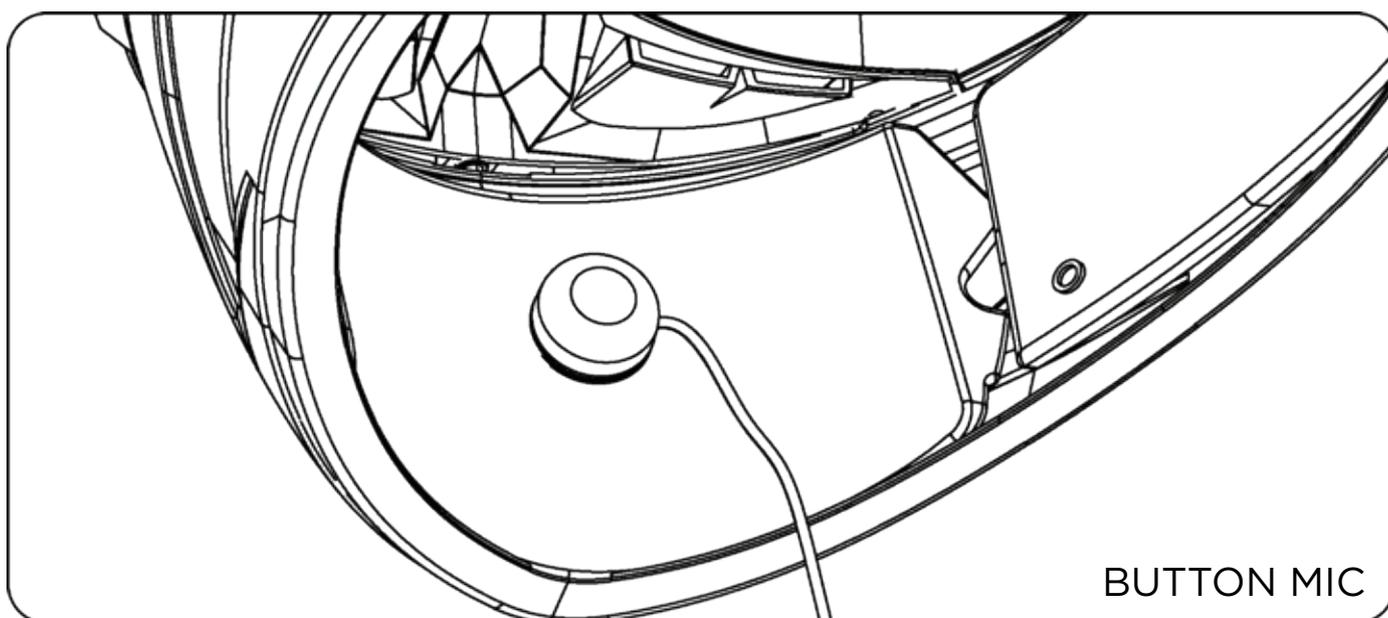
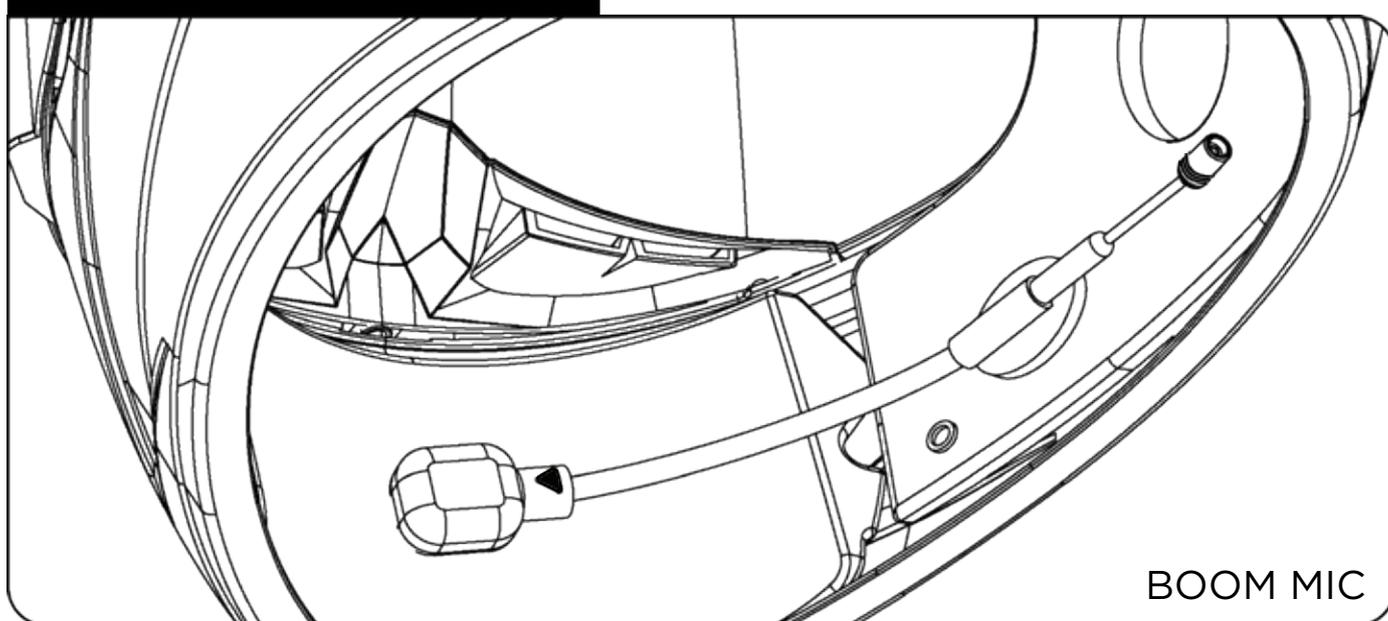


Now for the mic, you have two options,

The Button Mic and **The Boom Mic**.

If you have a full face helmet, we recommend The Button Mic, if you have a modular helmet or an open face helmet we recommend using The Boom Mic.

MIC INSTALLATION



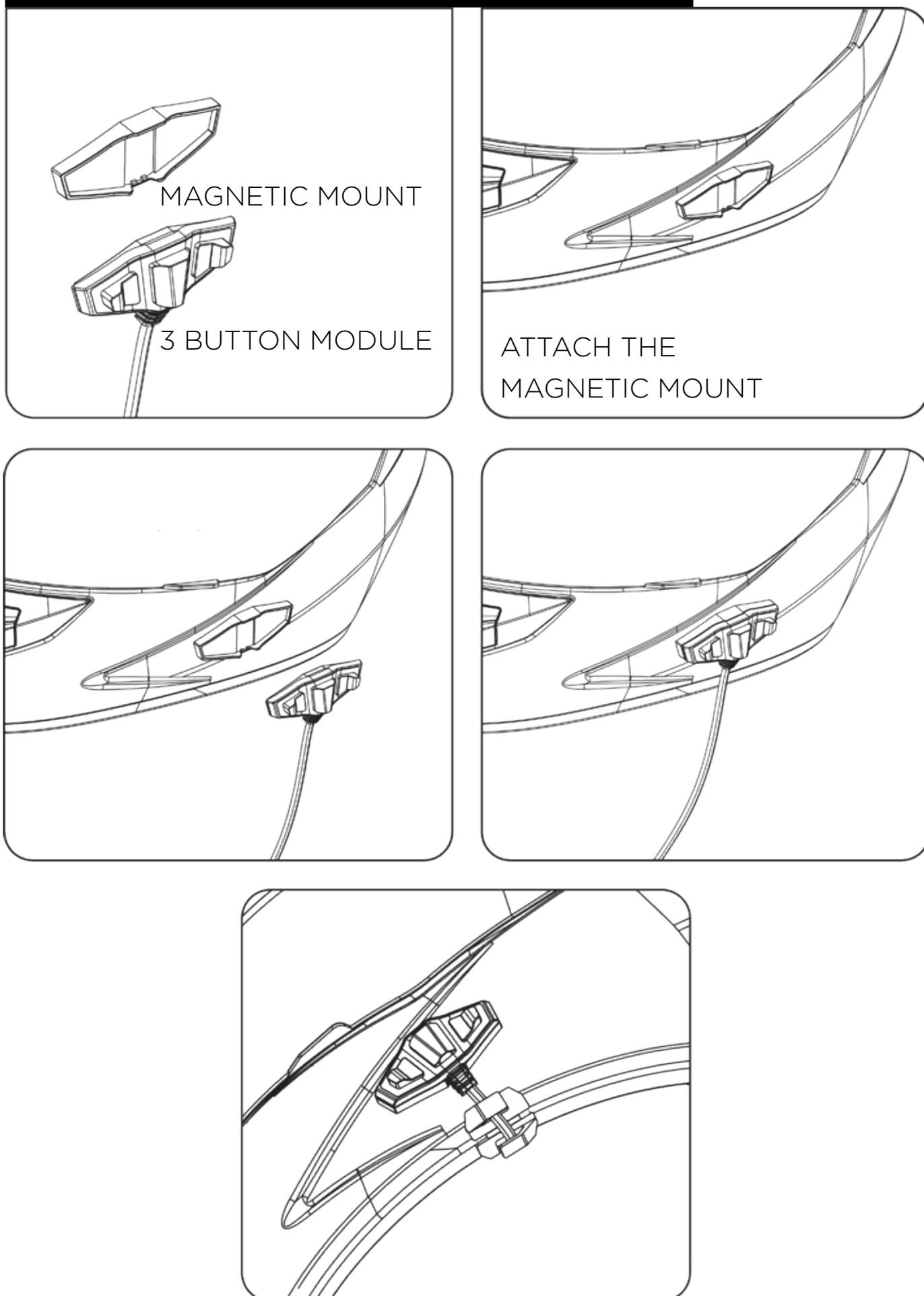
- Run the mic along the left inner surface of the chin bar, ensuring the arrow on the mic faces toward the mouth.
- Adjust the mic so that it is close to your mouth.
- Use the flexible stem to position the boom mic for comfort.
- Ensure the position is correct before installing and placing the button mic.



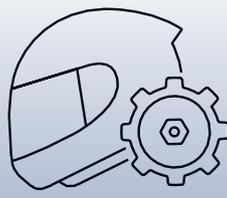
3 BUTTON MODULE

Now let's install the 3 Button Module

3 BUTTON MODULE INSTALLATION



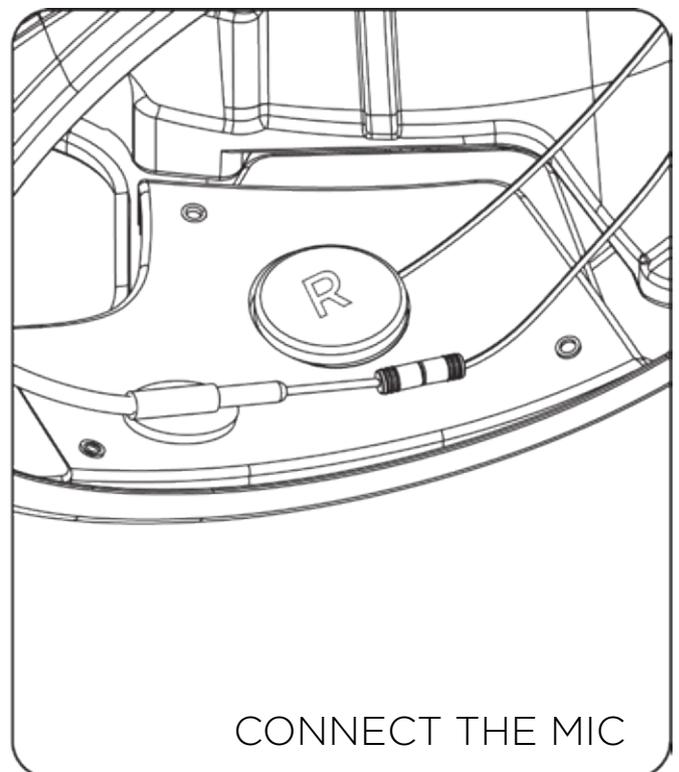
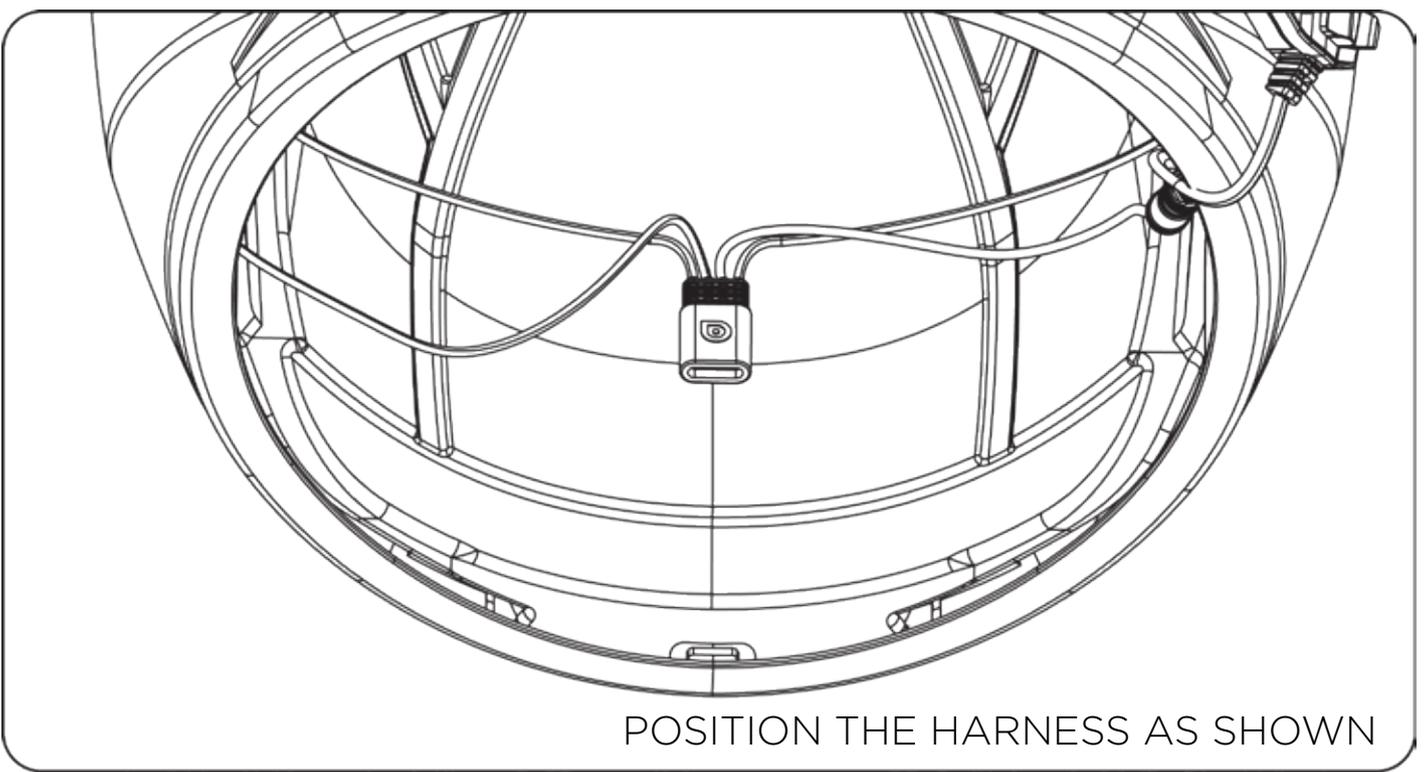
- Place the magnetic mount of the 3-button module on the left side of your helmet in a position that is easily reachable.
- Once the position is fixed, peel off the sticker from the mount.
- Stick the mount to the helmet at least 20 minutes before your ride.
- Attach the 3-button module to the magnetic mount
- Run the cable through the groove of the helmet pad
- Finally attach the cable manager, if required.

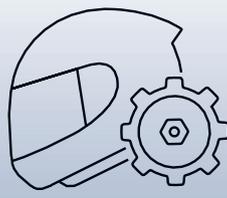


02

CONNECTING THE COMPONENTS TO THE HARNESS

Now, **connect** the **installed headset, mic,** and **3-button module** to the **harness with speakers** as shown below.





04

CLICKDOCK INSTALLATION

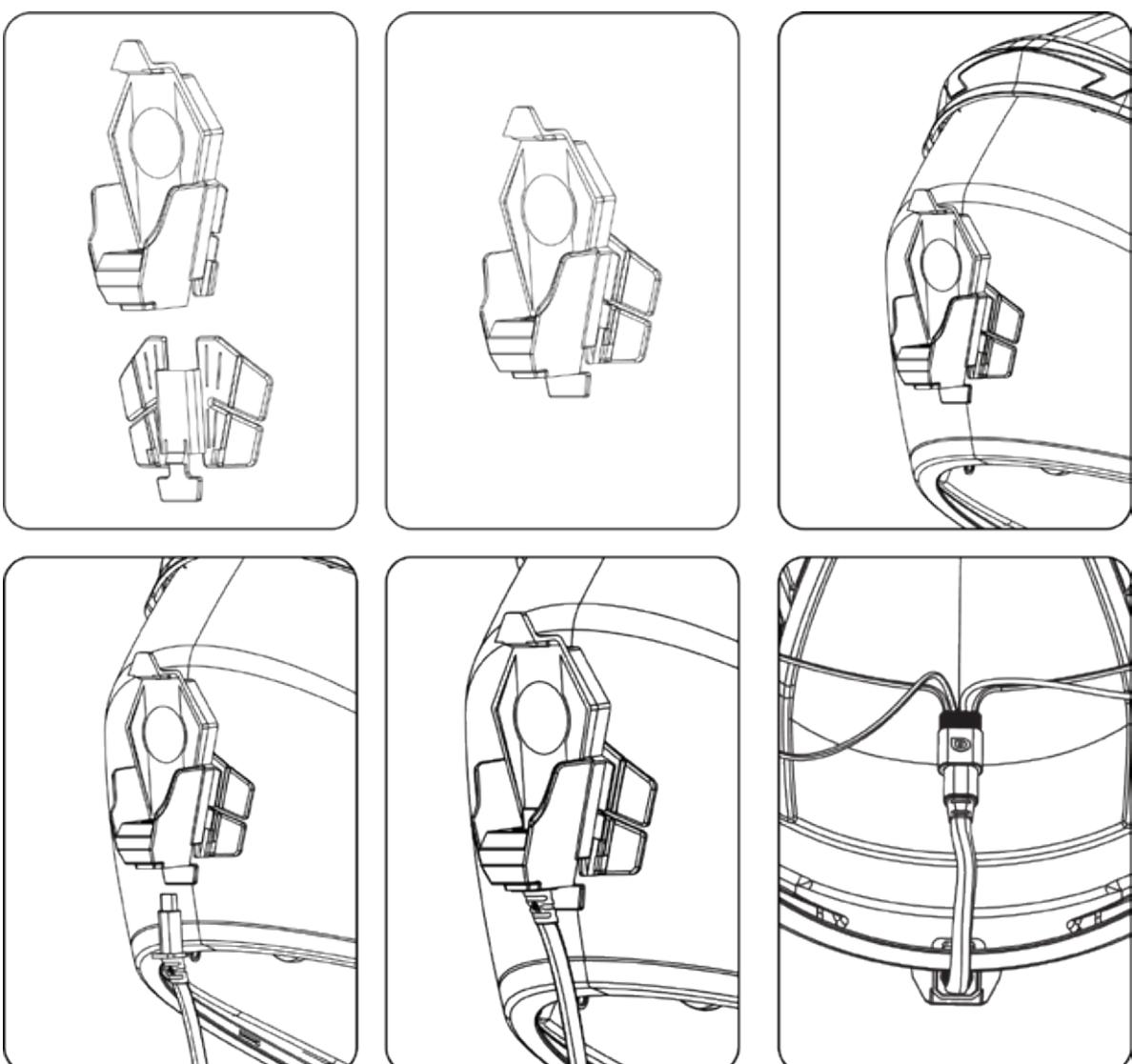


Follow the instructions below to install the ClickDock on your helmet of choice

WING MOUNT

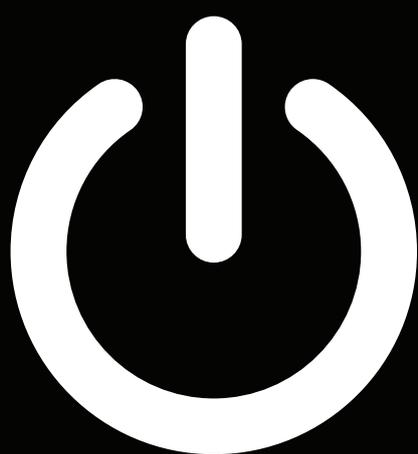
- Assemble the wing mount to the ClickDock.
- Position the assembly on the helmet.
- Ensure you can push the release tab at the bottom of the wing mount to remove the ClickDock.
- Leave enough space under the tab for full movement.
- Clean the helmet surface where the wing mount will be installed.
- Remove the red release liner and stick the wing mount onto the helmet.

Slide the ClickDock onto the wing mount and click it in place as shown below and then connect the ClickDock cable to the unit and to the harness.





Getting Started



- 01** - CHARGING THE C20 UNIT
- 02** - PAIRING C20 TO PHONE
- 03** - CONNECTING THE APP
- 04** - 3 BUTTON MODULE BASIC
BUTTONS & FUNCTIONS
- 05** - PAIRING SECOND DEVICE
- 06** - OTA FIRMWARE UPDATE

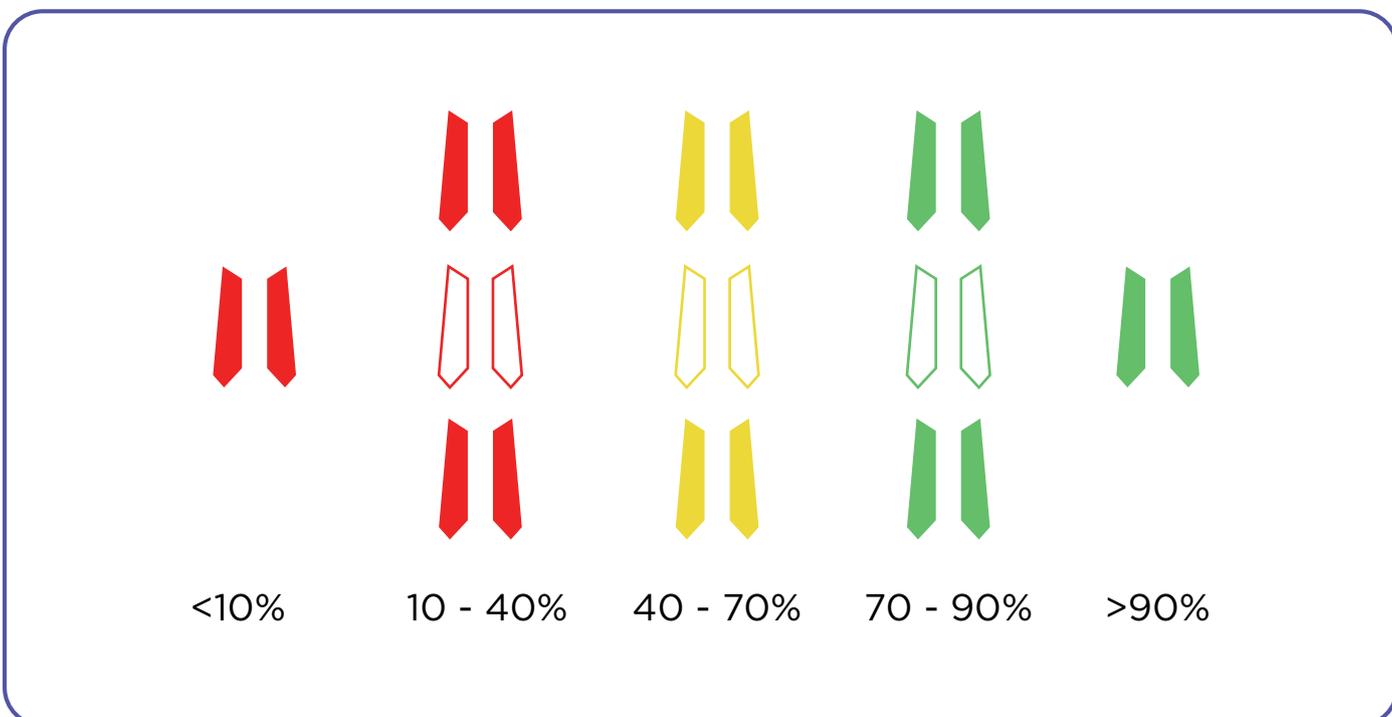
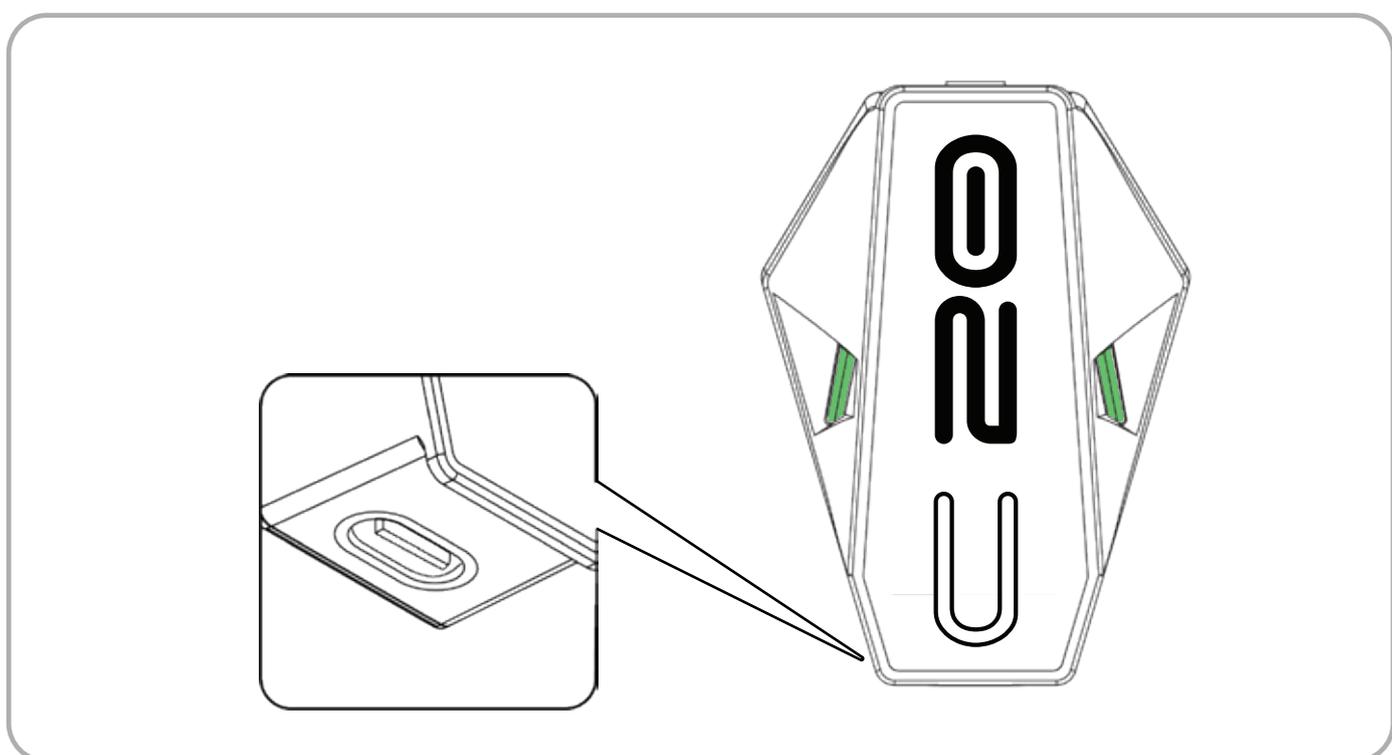


01

CHARGING THE C20 UNIT

The **C20 Unit** is equipped with a Type-C slot to charge it.

NOTE - DO NOT USE THE CLICKDOCK CABLE FOR CHARGING, AS IT IS NOT COMPATIBLE. IT IS DESIGNED TO BE USED SOLELY AS PART OF THE HEADSET KIT.



LED CHARGING INDICATIONS



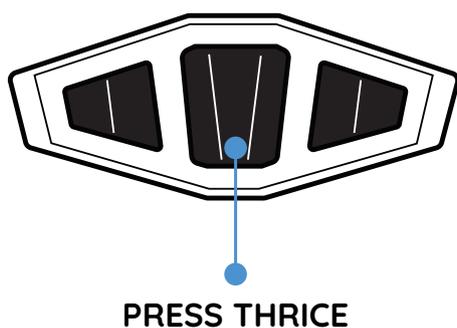
02

PAIRING C20 TO PHONE

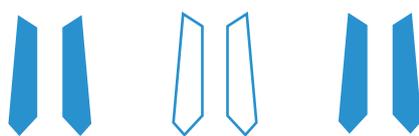
The C20 uses Bluetooth Classic to connect to your phone for hands-free calls, music streaming and navigation.

When you power it on for the first time, the unit will automatically enter pairing mode. To pair a new phone (or re-pair), simply press the center button on the three-button module three times.

PAIRING MODE
(ENTER/EXIT)



The status LED will start blinking blue to indicate that it is now in advertising mode.



ADVERTISING MODE

Complete pairing and allow contact access on your phone. You need to do this only the first time; the device will automatically reconnect to the last paired phone whenever it is powered on.

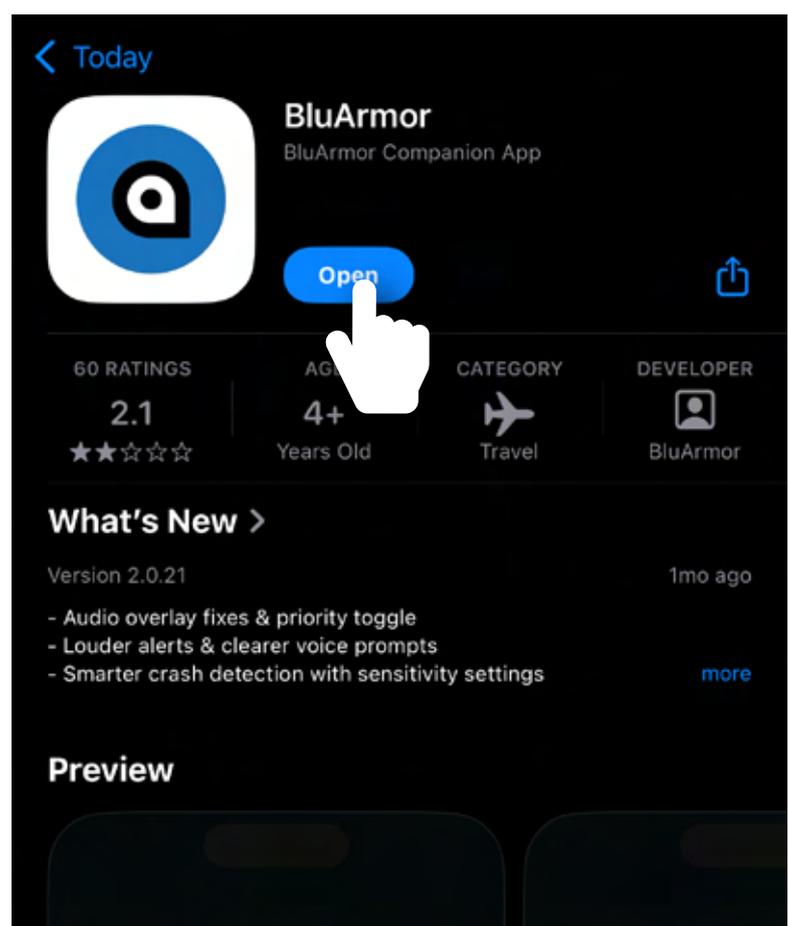
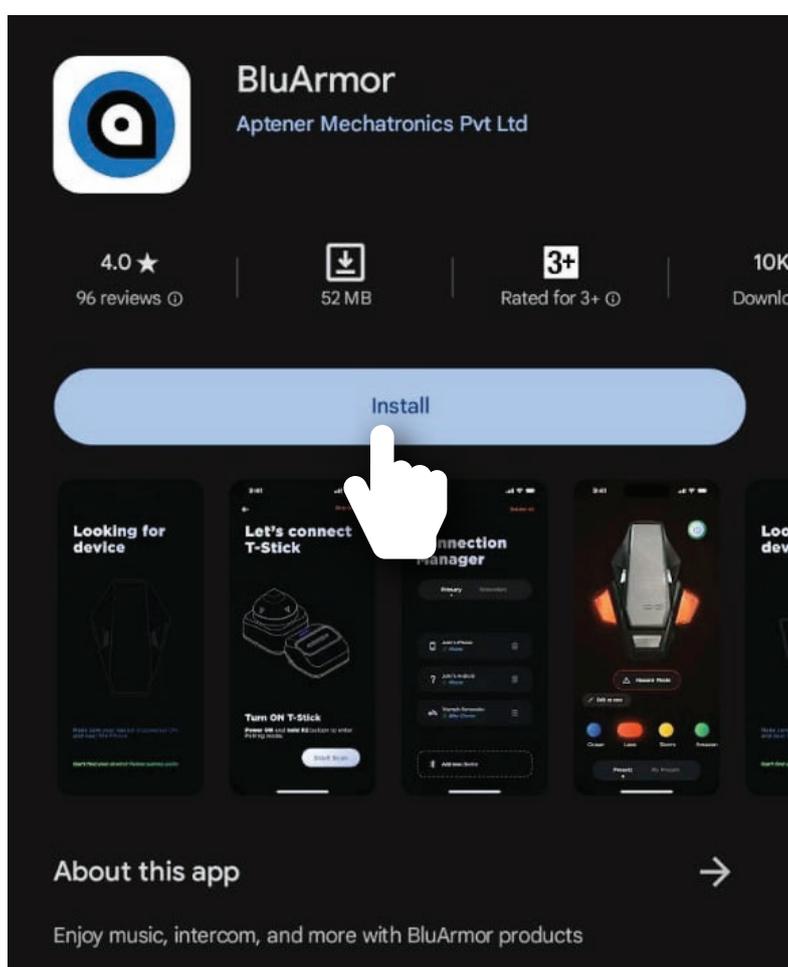


03

CONNECTING THE APP

To access the full range of features on the C20, install the BluArmor App on your smartphone.

The app is compatible with both Android and iOS devices. Once installed, follow the in-app instructions to complete the setup process.





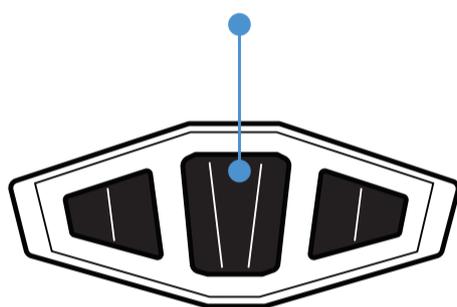
04 BUTTONS AND FUNCTIONS



TURNING ON THE UNIT

CENTER BUTTON

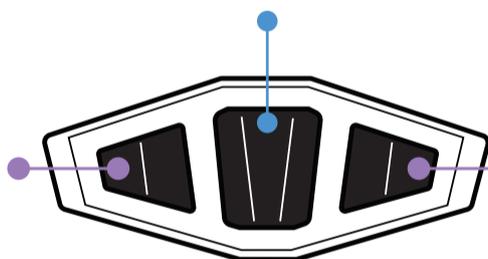
PRESS AND HOLD TO
POWER ON THE MAIN UNIT



MUSIC CONTROLS

PRESS ONCE TO
PLAY/PAUSE MUSIC

+
PRESS TWICE FOR
NEXT TRACK



-
PRESS TWICE FOR
PREVIOUS TRACK



05

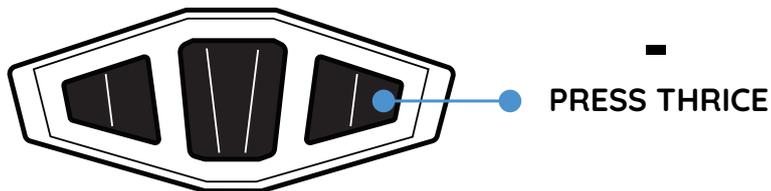
PAIRING SECOND DEVICE

Once you are connected to your first phone, you have the option to connect a second device too. And you can do so in the given ways below..

a - VIA 3 BUTTON MODULE

Triple press the **'-' (minus)** button on the 3 button module to pair a second device to the C20.

2ND PHONE PAIRING
(ENTER/EXIT)



b - USING THE APP

- **Open Settings:** Go to the settings in the app.
- **Navigate to Connection Manager:** Access the connection manager dashboard.
- **Select Secondary Tab:** Press on the Secondary tab.
- **Add Device:** Click on "Add a device".
- **Pair:** You're now ready to pair a second device to the C20.

Refer under **PORTWEAVE™** section in this user manual on how **add a second device**

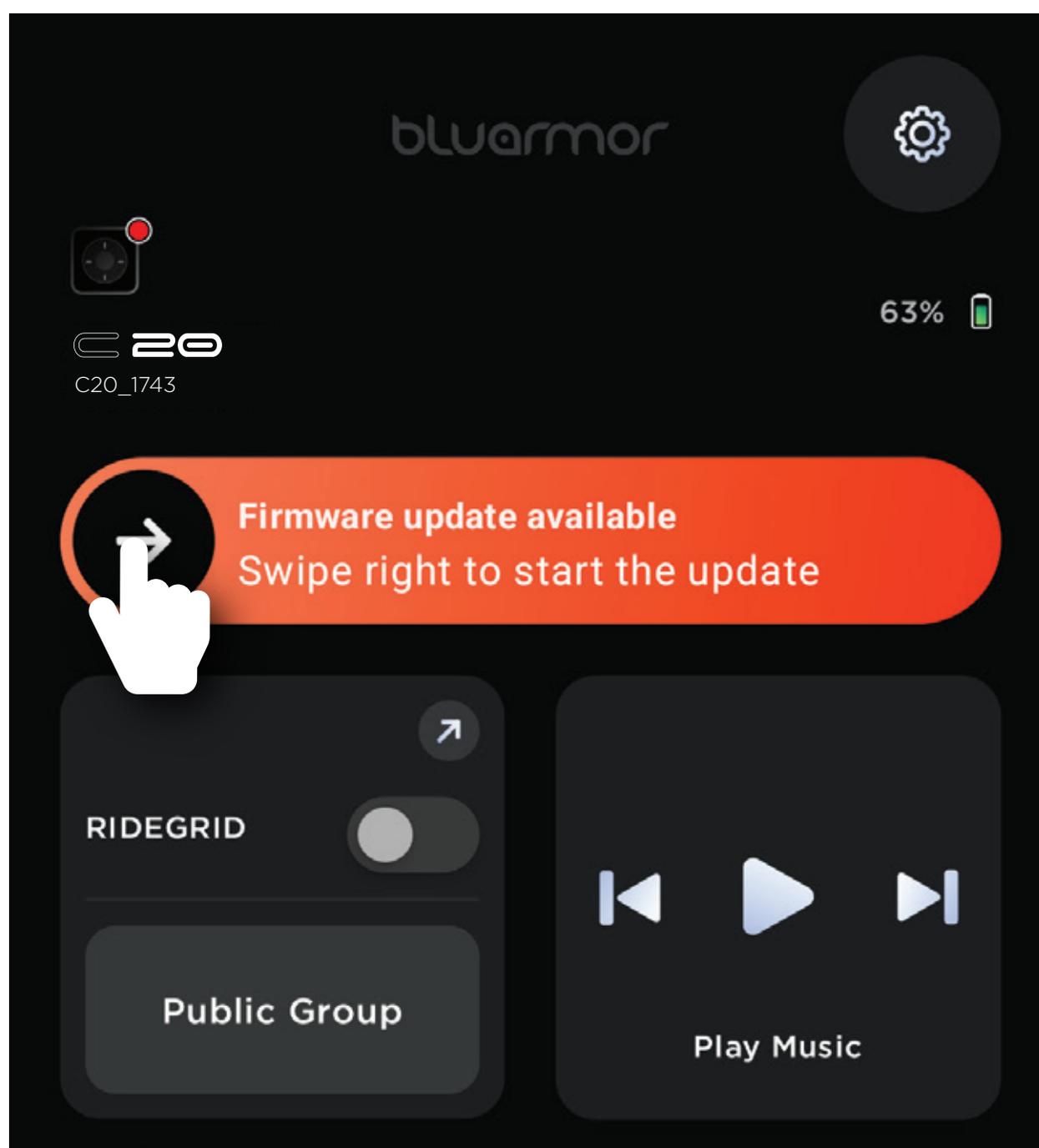


06

OTA FIRMWARE UPDATE

C20 is continuously updated with newer and better features. These improvements are easily updated **Over-The-Air (OTA)** via the app itself and you don't need any cables or additional docks or devices.

Check the app to see if you need an update.
You will see an alert on the main dashboard if your device requires one.

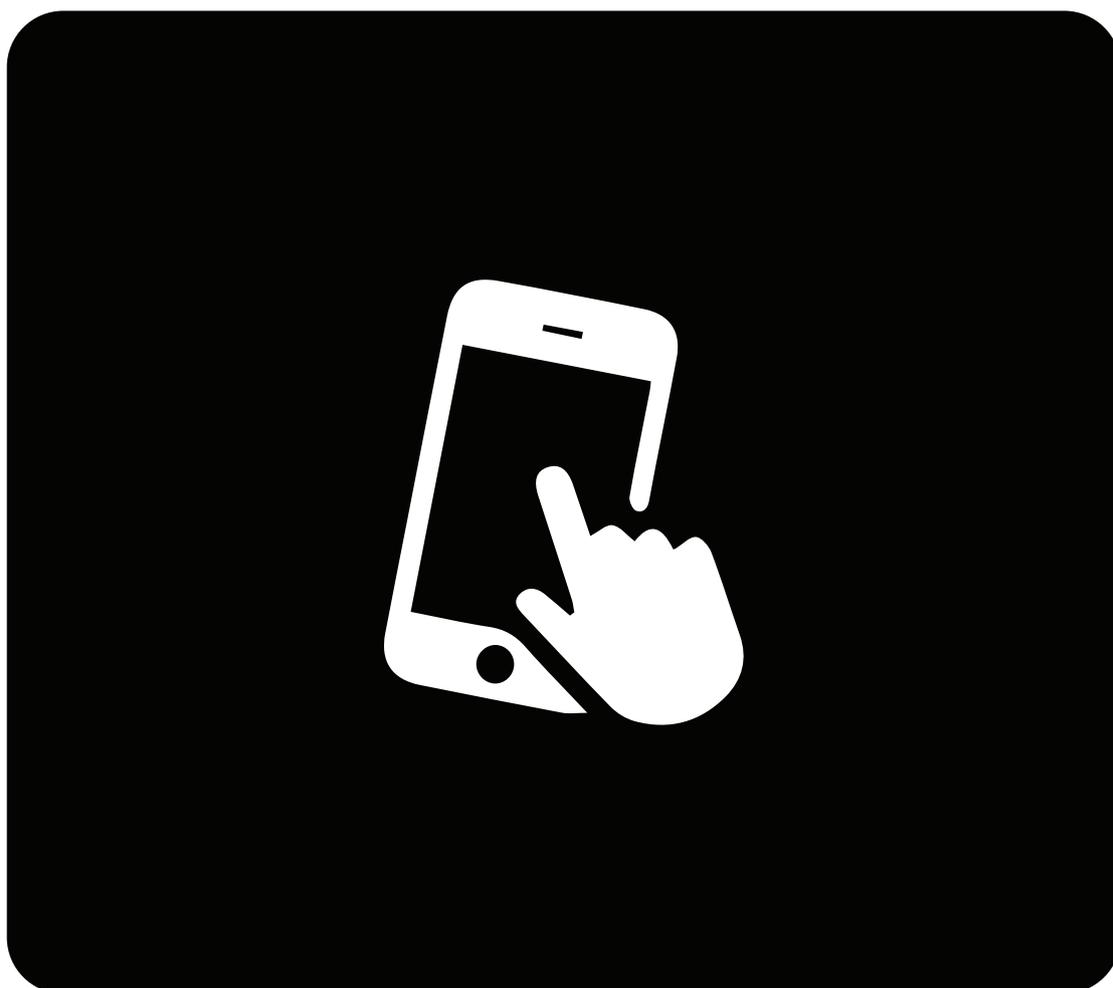


Swipe the slider and follow the steps, ensure your device is at least 50% charged before you start the update and don't turn off the device during the process.

The app will indicate the progress status.



Phone Usage



01 - PHONE CALLS

02 - CALL VOLUME CONTROLS

03 - AUTO ANSWER AND SETTINGS

04 - SPEED DIAL

05 - MUSIC AND AUDIO

06 - MUSIC VOLUME CONTROLS

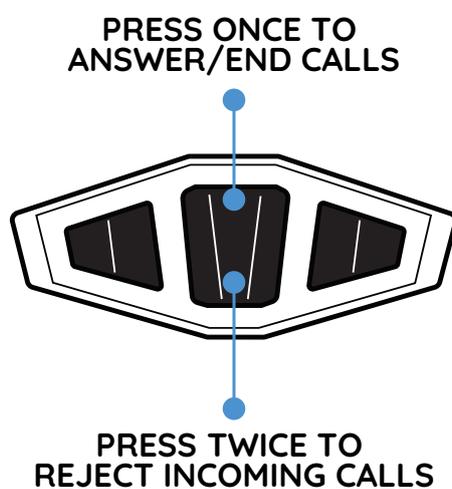
07 - NAVIGATION



01 PHONE CALLS

RESPONDING TO INCOMING CALLS

PHONE CALL CONTROLS



Making phone calls (setup assistant on your phone)
While riding, please use the voice assistant on your phone to initiate phone calls.

INVOKING THE VOICE ASSISTANT

VOICE ASSISTANT



To make phone calls while riding, please use the voice assistant (setup assistant on your phone) your favourite music app, podcast, or navigation

NOTE - YOU CANNOT INVOKE THE VOICE ASSISTANT WHILE ON AN ACTIVE CALL



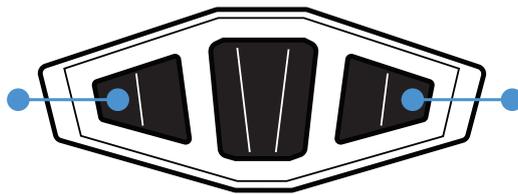
02

CALL VOLUME CONTROLS

VOLUME CONTROLS WHILE ON A CALL

+
PRESS ONCE TO
INCREASE VOLUME BY
ONE LEVEL

PRESS AND HOLD TO
RAMP UP VOLUME



-
PRESS ONCE TO
DECREASE VOLUME BY
ONE LEVEL

PRESS AND HOLD TO
RAMP DOWN VOLUME

03

AUTO ANSWER AND SETTINGS

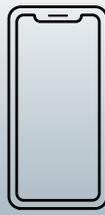
You can **configure** your **phone-call preferences** **through** the **app**.

An array of auto-accept/auto-reject options are available - these can be set as desired.

Phone Call preferences

Phone call auto answer/reject

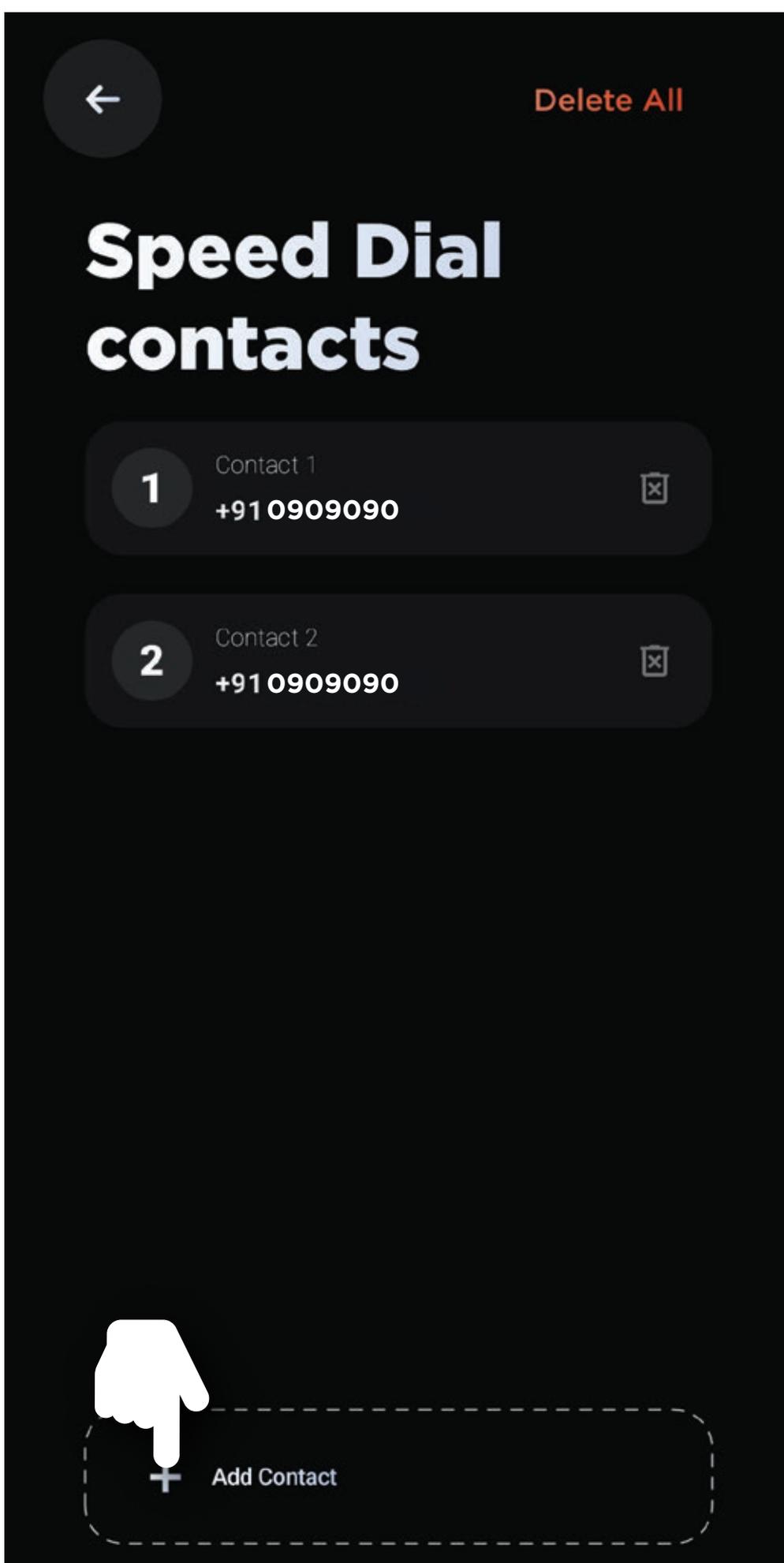
- Answer manually
- Auto answer all
- Auto reject all
- Auto answer known
- Auto reject unknown
- Auto answer known and reject unknown



04 SPEED DIAL

For Speed dial to work you have to add the desired contacts through the app settings.

Speed dial can be **initiated** using the **3 button module**.

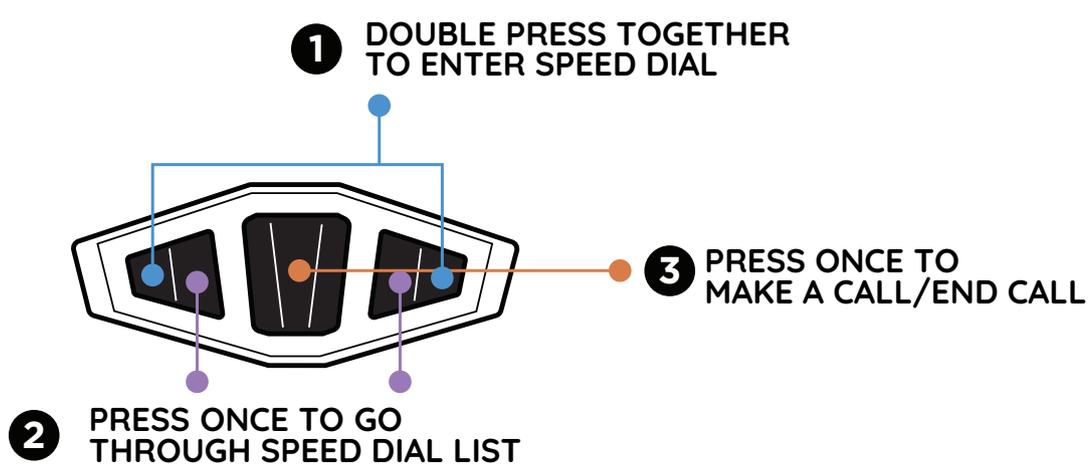


NOTE - A MAXIMUM OF 5 CONTACTS CAN BE ADDED TO YOUR SPEED DIAL LIST



ACCESSING SPEED DIAL

SPEED DIAL CONTROLS



NOTE - YOU CAN REDIAL EVEN IF NO NUMBER IS ADDED TO THE SPEED DIAL



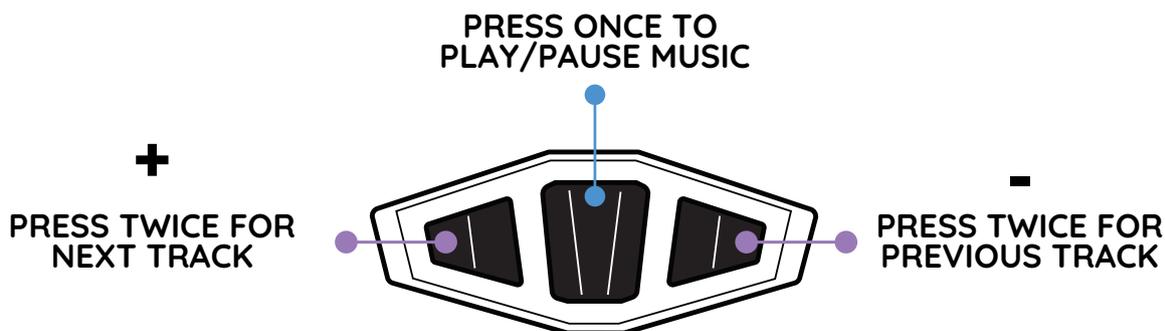
05 MUSIC AND AUDIO

Choose a music/audiobook/podcast app of your choice and launch it on your phone.

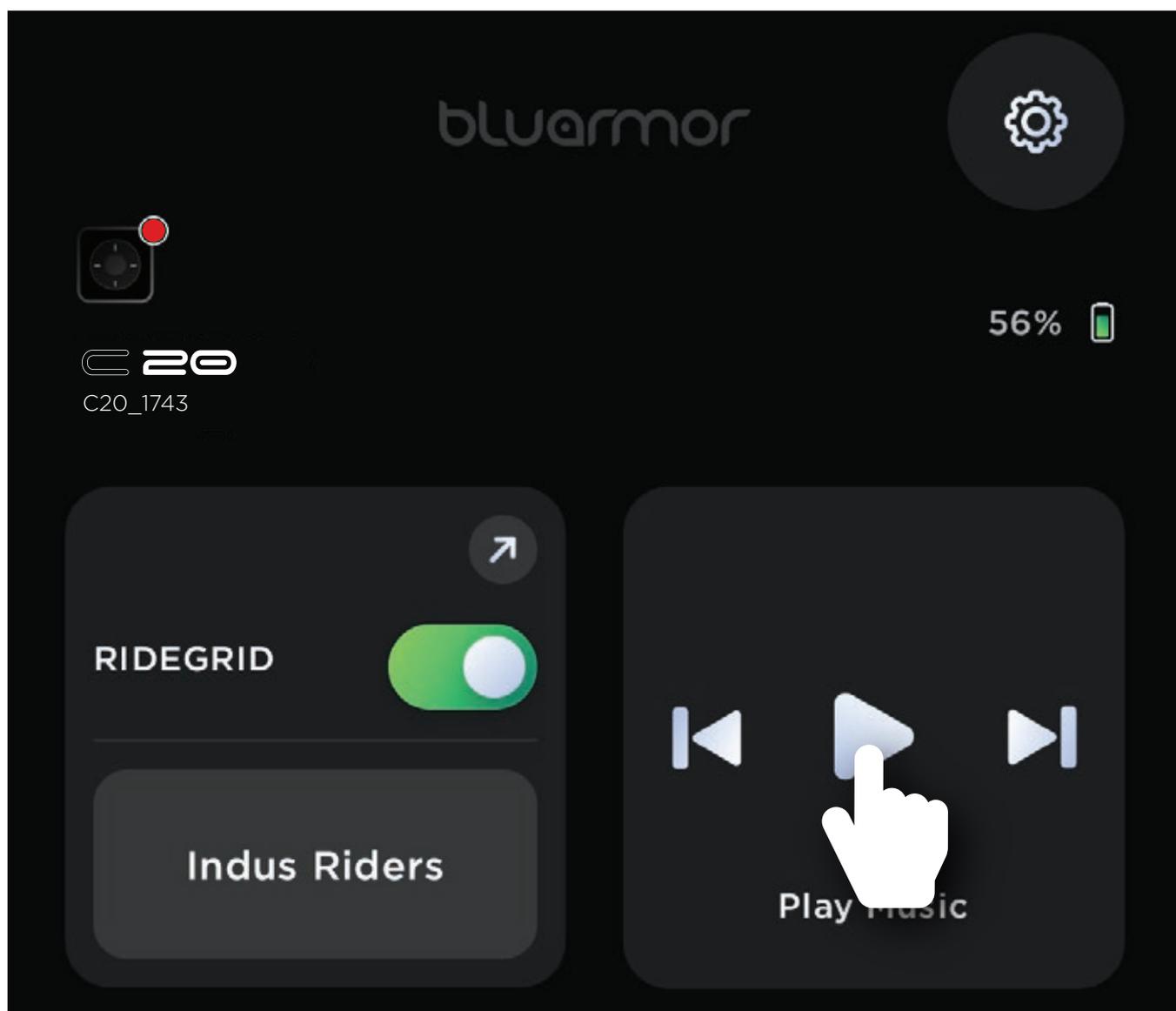
You can **control** any of your **favourite music** or **audio apps** using the **3 button module** or from **the app**.

a - VIA 3 BUTTON MODULE

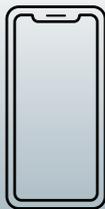
MUSIC CONTROLS



b - USING THE APP



The home page features a tile for your music playback controls



06

MUSIC VOLUME CONTROLS

There are 15 levels of volume in between 0-100.

You can **control** the volume of the music using the **3 button module** or **the app**.

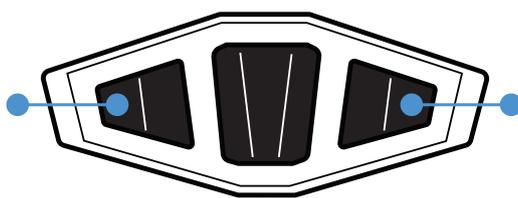
a - VIA 3 BUTTON MODULE

MUSIC VOLUME CONTROLS

PRESS ONCE TO
INCREASE VOLUME BY
ONE LEVEL

+

PRESS AND HOLD TO
RAMP UP VOLUME



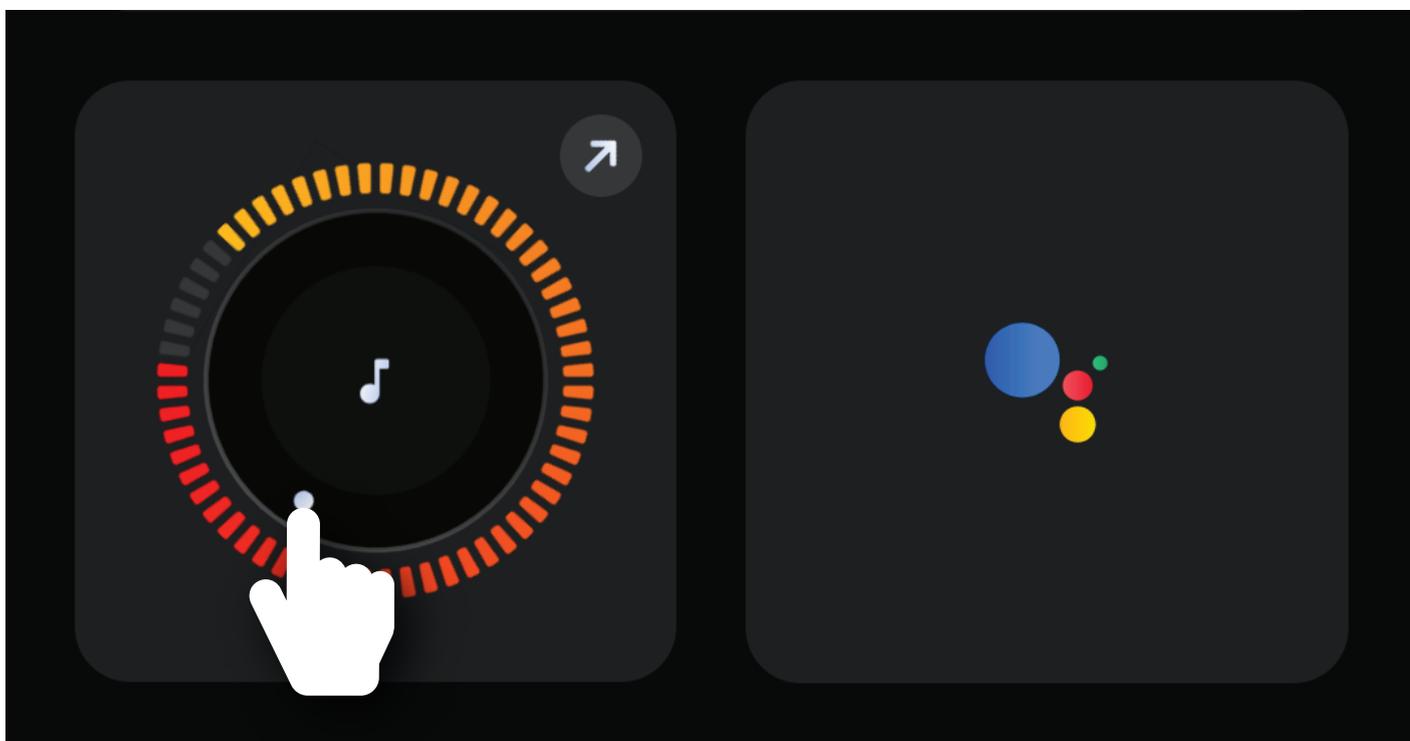
PRESS ONCE TO
DECREASE VOLUME BY
ONE LEVEL

-

PRESS AND HOLD TO
RAMP DOWN VOLUME

b - USING THE APP

Use the **volume dial** in the **app** to **increase** or **decrease** the volume.





07 NAVIGATION

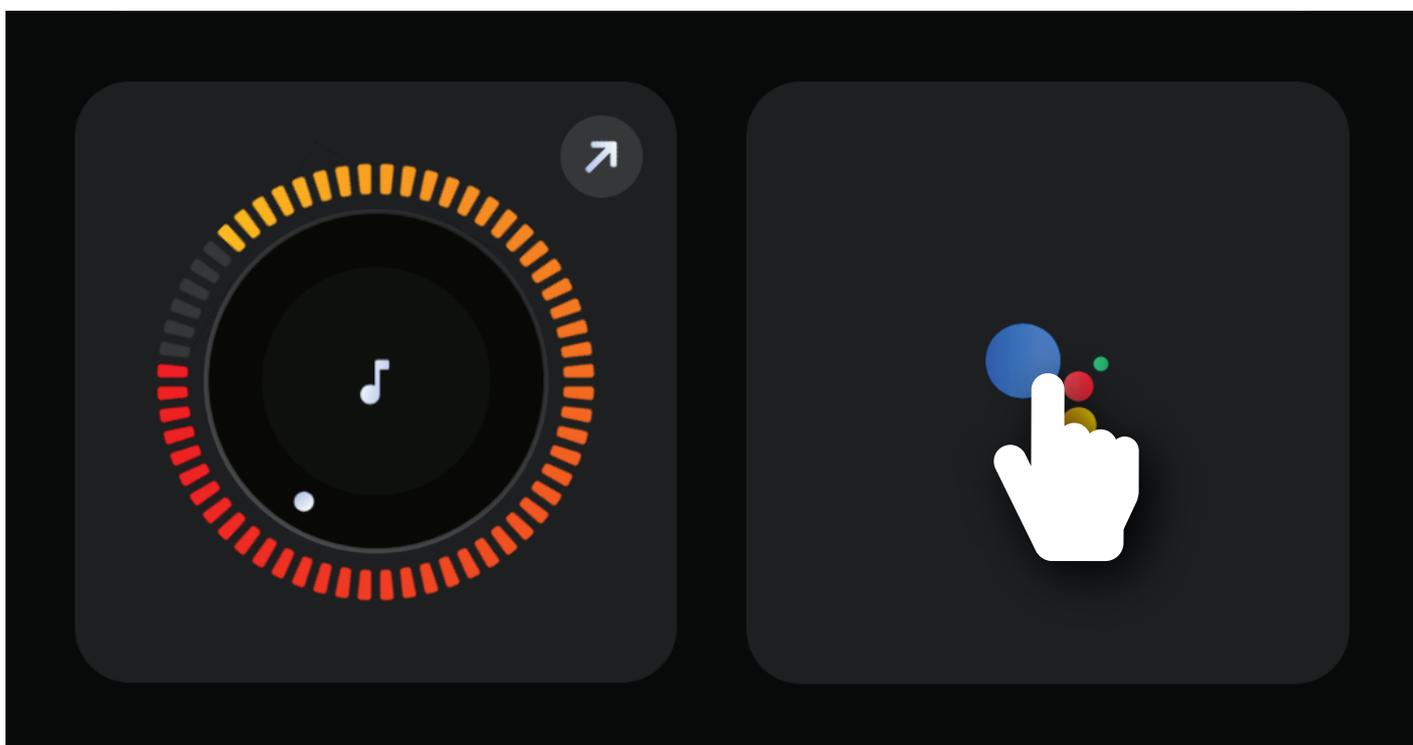
NAVIGATION INSTRUCTIONS OVER VOICE

Navigation instructions from your mapping/navigation app will be announced over the headset

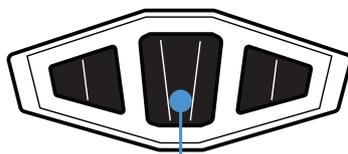
USE VOICE ASSISTANT FOR THESE CONTROLS

Refer under **PHONE CALL** section in this user manual on how to invoke the **Voice Assistant**.

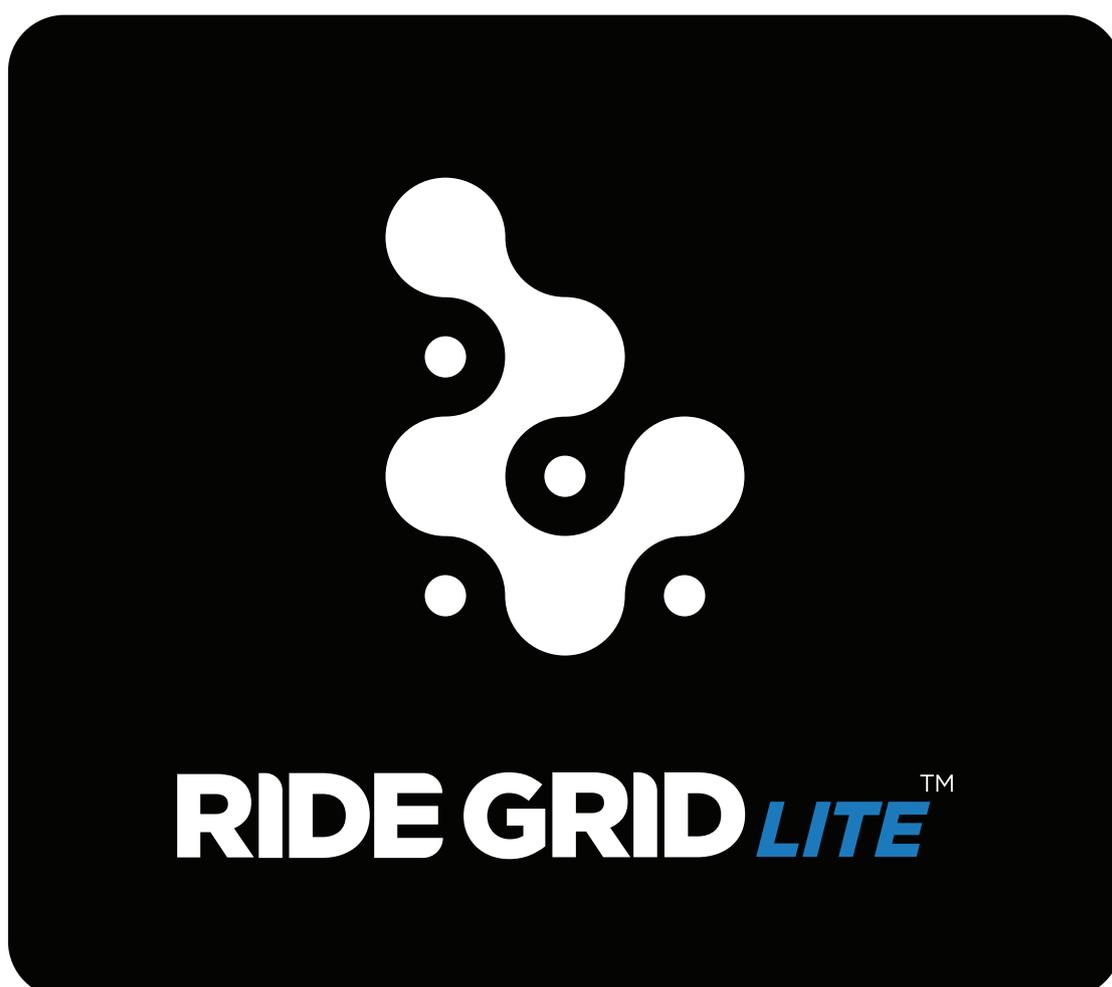
Or use the voice assistant button in the app.



INVOKING THE VOICE ASSISTANT



PRESS TWICE TO
INVOKE VOICE ASSISTANT



- 01** - WHAT IS RIDEGRID LITE™
- 02** - CONNECTING THE RIDEGRID
 - a* - VIA 3 BUTTON MODULE
 - b* - VIA THE APP
- 03** - GROUP CREATION & JOINING
 - a* - PUBLIC GROUP
 - b* - PRIVATE GROUP
- 04** - RIDEGRID GROUPS
 - a* - RIDEGRID V2 PUBLIC MODE
 - b* - 2RIDER PUBLIC MODE
 - c* - RIDEGRID V2 LITE PUBLIC MODE
 - d* - RIDEGRID V1
 - e* - BUDDY CONNECT
 - f* - ALWAYS eRIDEGRID
 - g* - RIDEGRID V2 LITE CHAT HUB
 - h* - RIDEGRID V2 CHAT HUB
- 05** - GENERAL FUNCTIONALITY
- 06** - FEATURE LIMITATIONS



01

WHAT IS RIDEGRID LITE™



RIDEGRID is BluArmor's proprietary mesh intercom technology that enables seamless communication between riders. The C20 device supports multiple RIDEGRID modes tailored for diverse communication setups, including RIDEGRID V1, V2, and V2 Lite.

By default, the C20 operates in 2 Rider Public Mode, offering an efficient, high-quality communication experience suitable for peer-to-peer communication

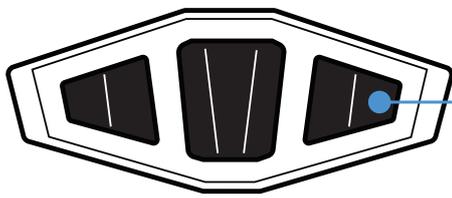


02

CONNECTING THE RIDEGRID

a - VIA 3 BUTTON MODULE

RIDEGRID
(ON/OFF)

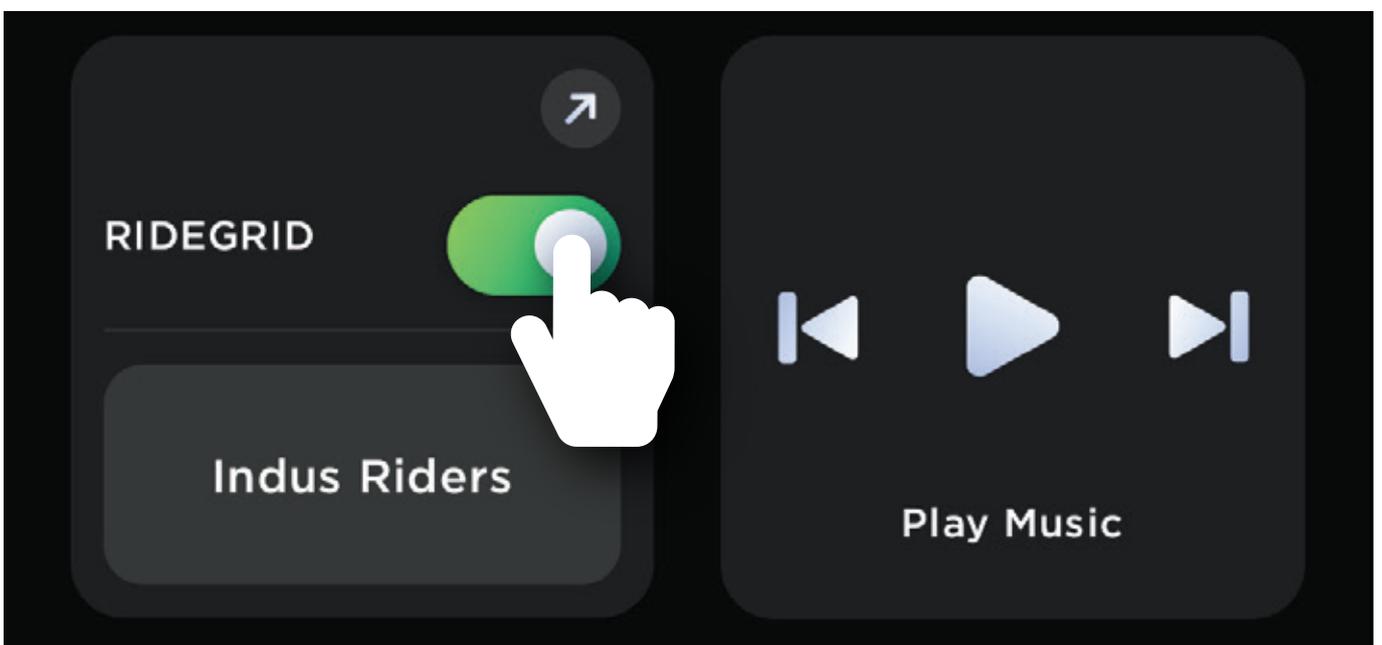


-
PRESS ONCE
+
PRESS AND HOLD

Repeat the same steps on your co-rider's device.

The LEDs on the devices will flash green and then switch to green breathing pattern once the connection is established. Once activated, RIDEGRID is ready for use.

b - VIA THE APP



Tap on the RIDEGRID ON/OFF button in the app to activate or deactivate the RIDEGRID.

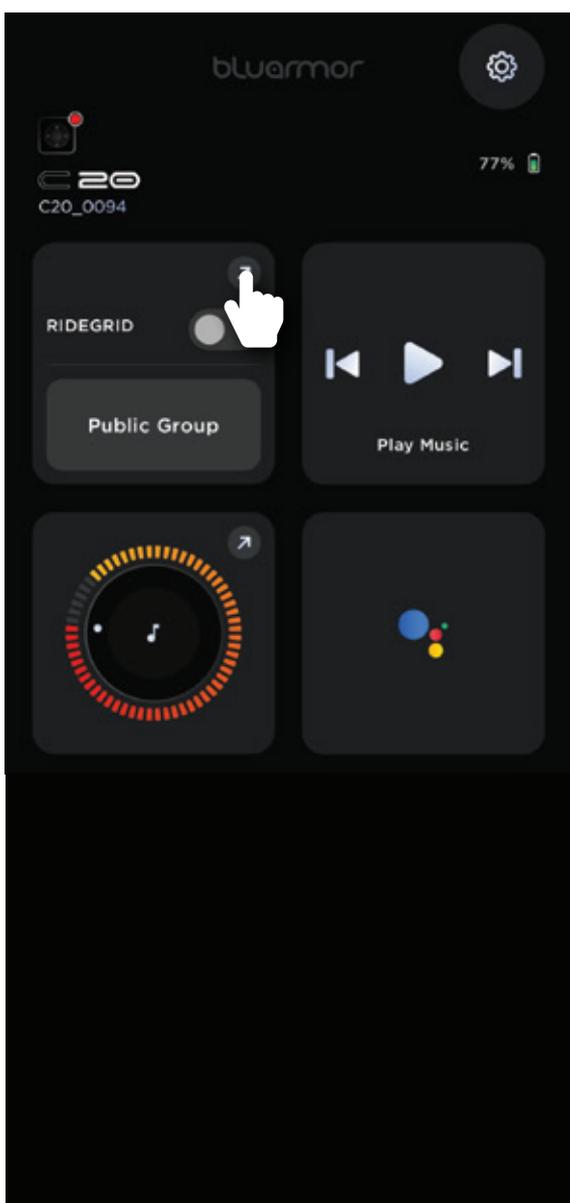


03

GROUP CREATION & JOINING

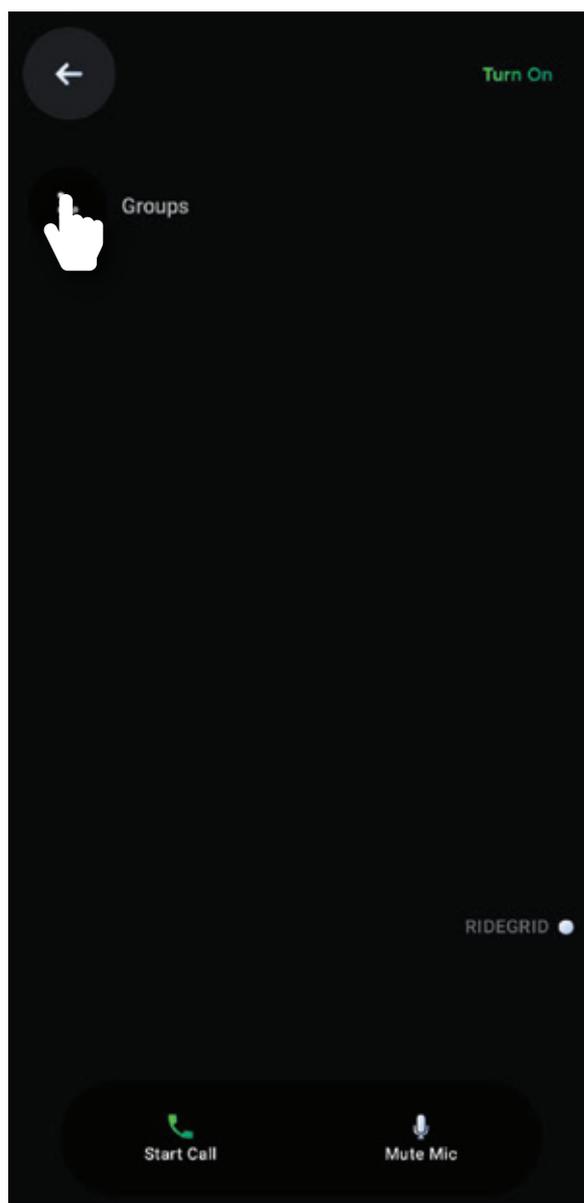
a - PUBLIC GROUP

01



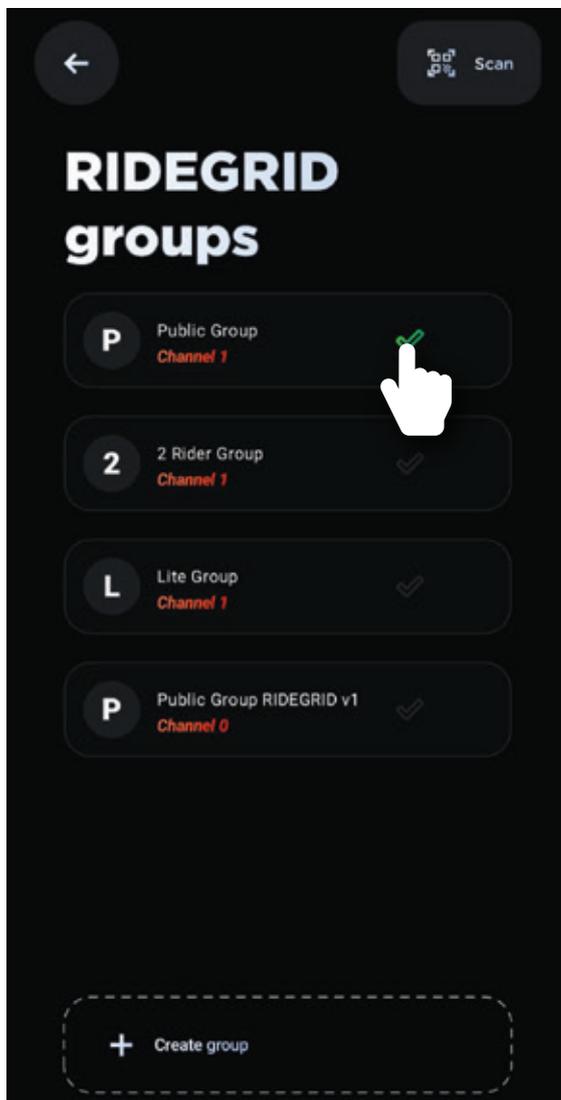
Tap the arrow button

02



Now, click on the groups icon

03

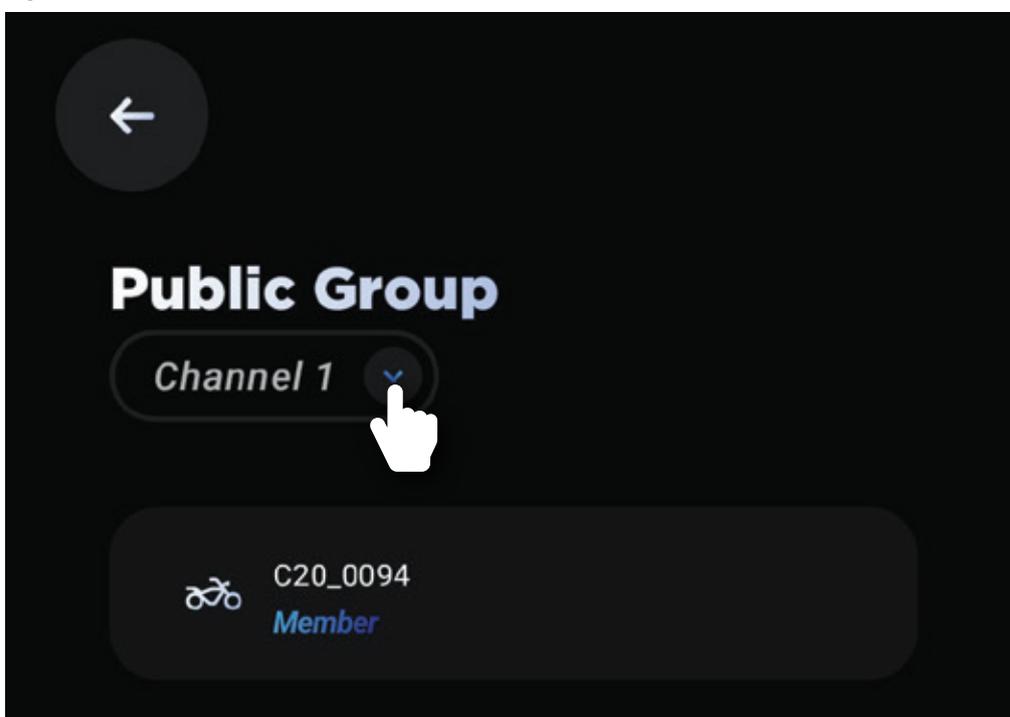


Select the desired group and you are good to go

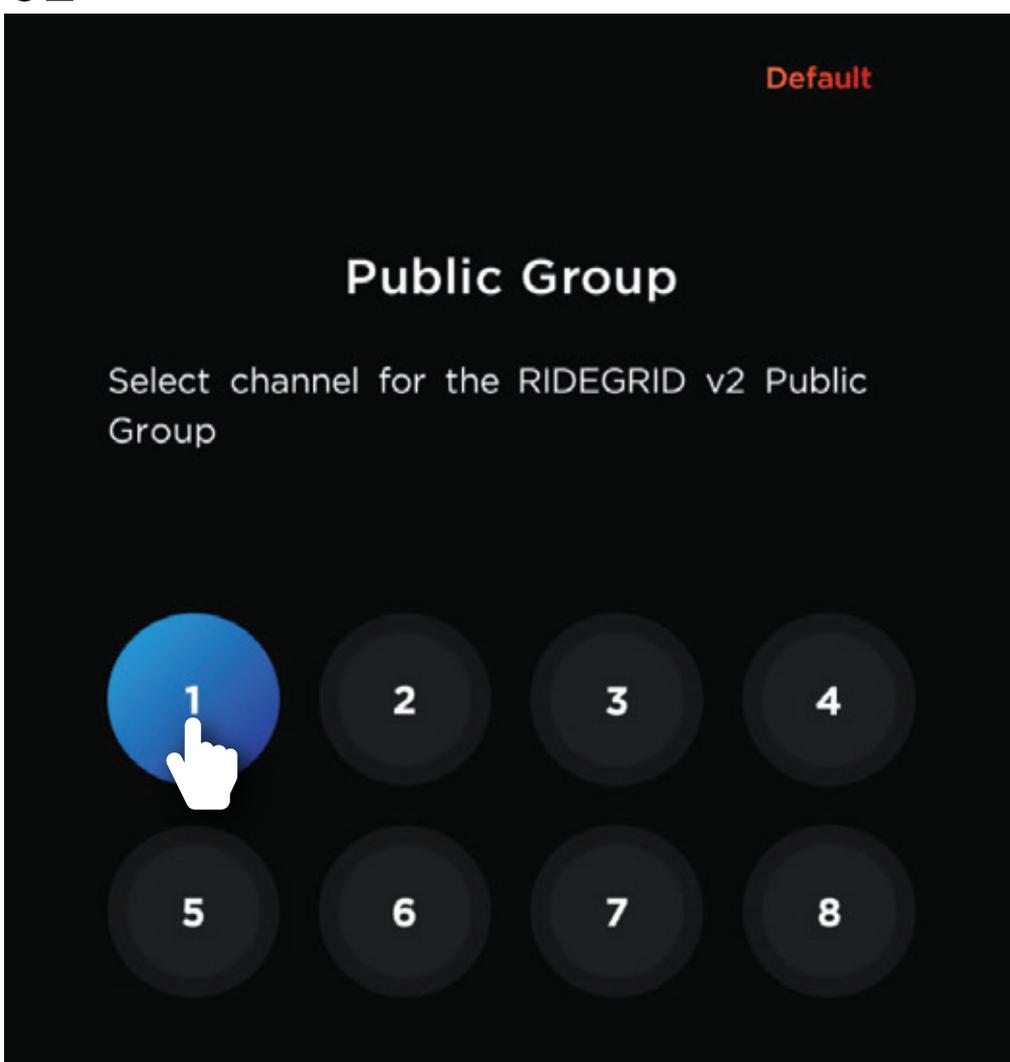


PUBLIC GROUP CHANNELS

01



02



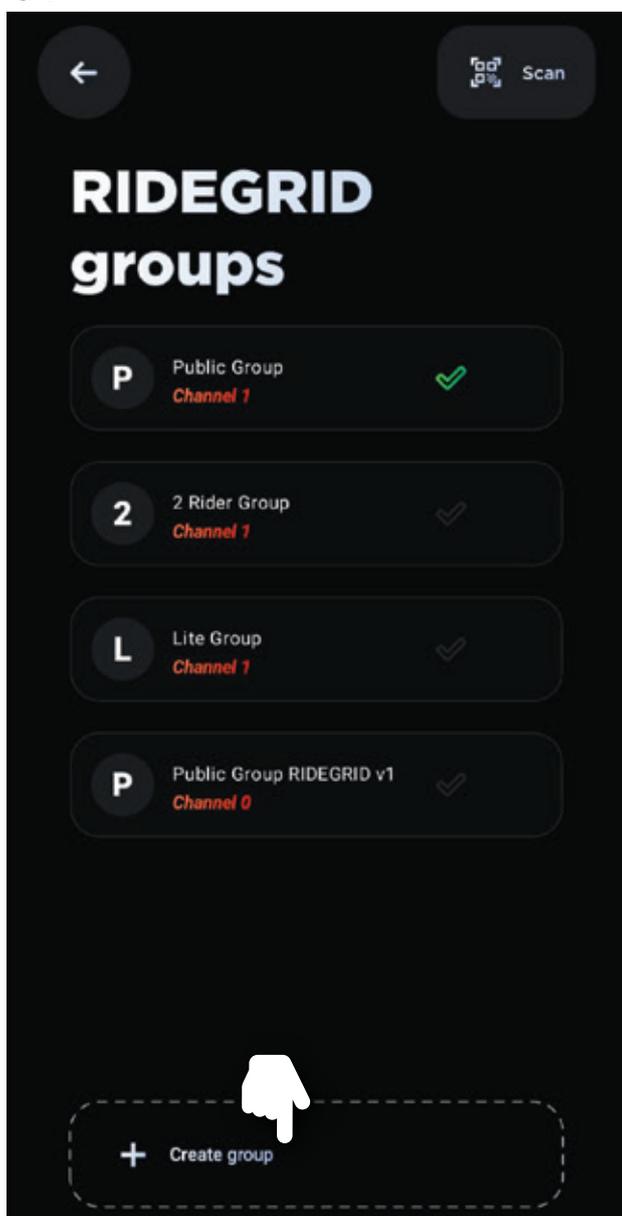
Ridegrid V2 enables support for channels in public groups. Channels enable ease of access without the need of creating a Chathub Group. Devices opted for the same channel can connect with each other.



b - PRIVATE GROUP

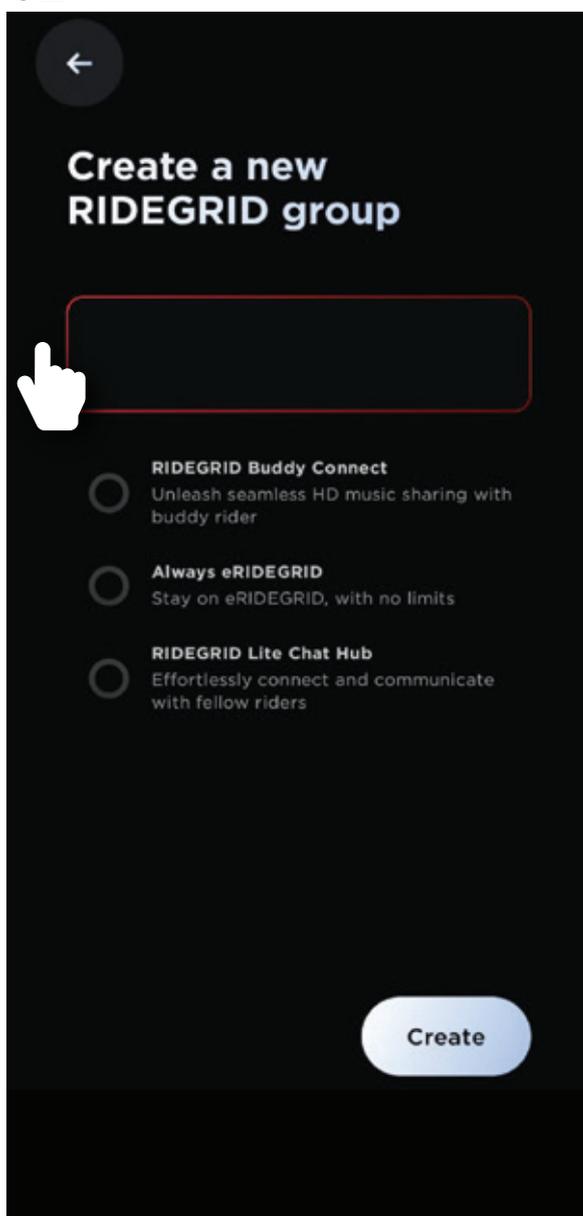
CREATING

01



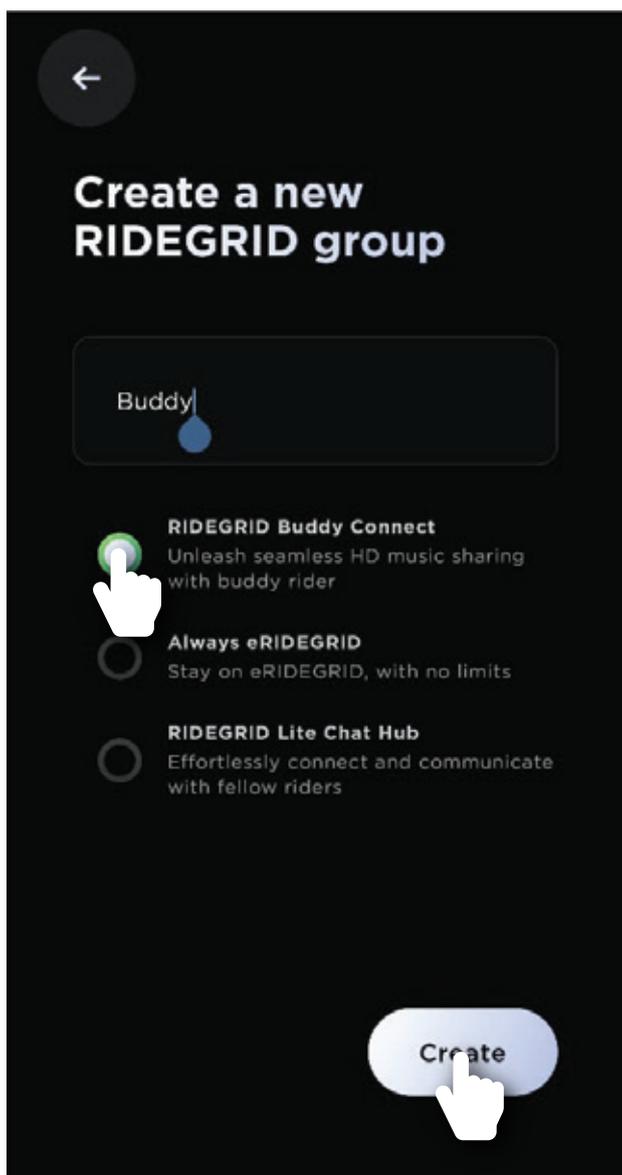
Select 'Create group' tab

02



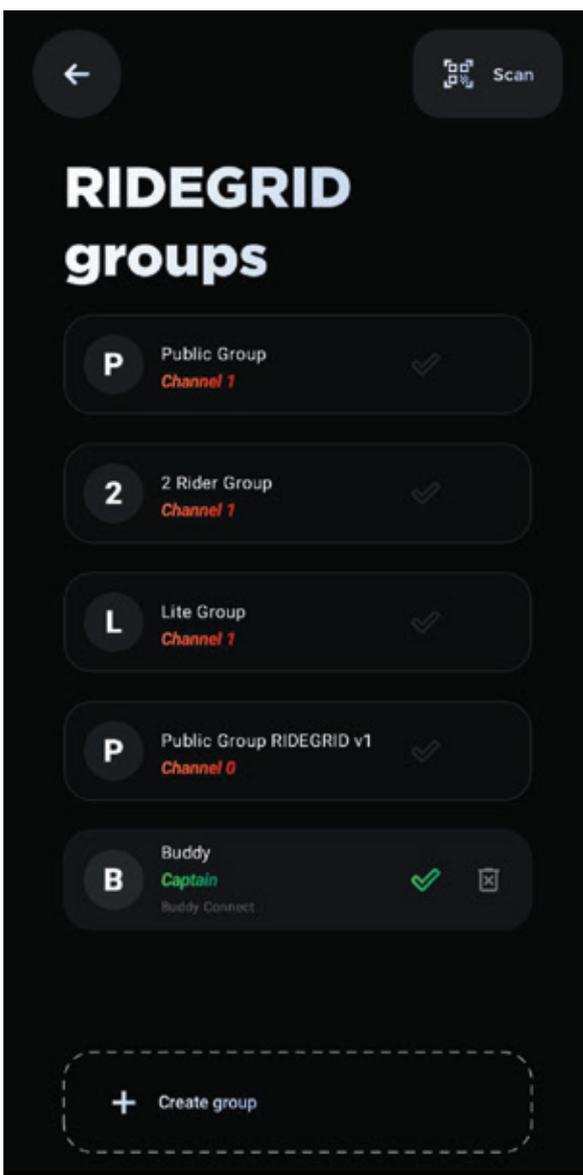
Name your group

03



Select the desired group and then click on the 'Create' button

04



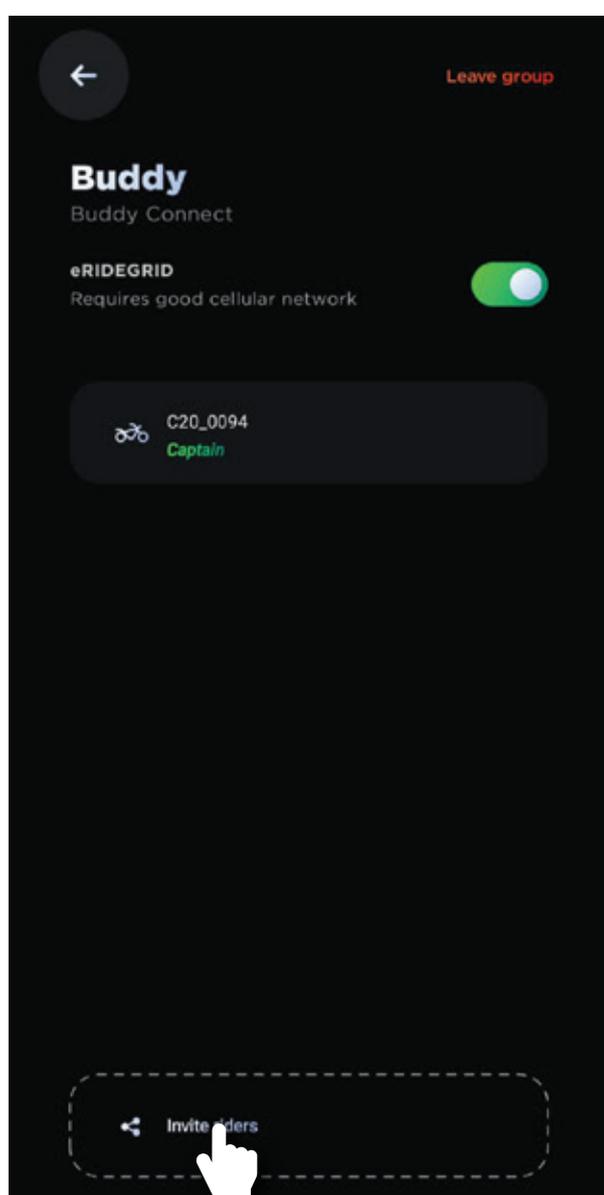
Your group is created



b - PRIVATE GROUP

JOINING

01



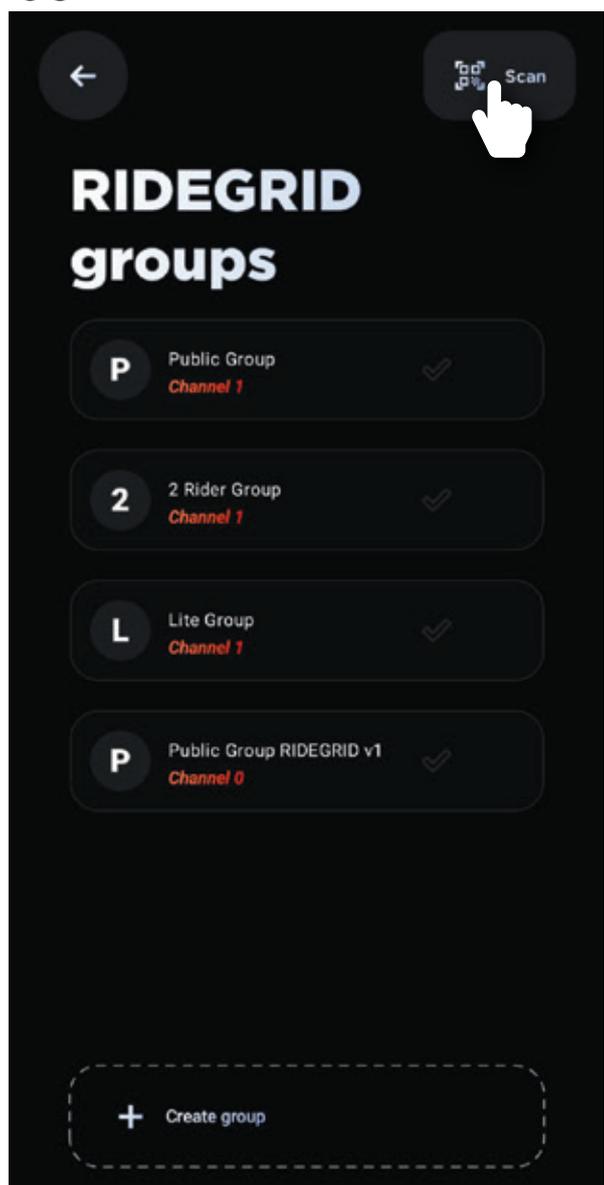
Select 'Invite Riders' tab

02



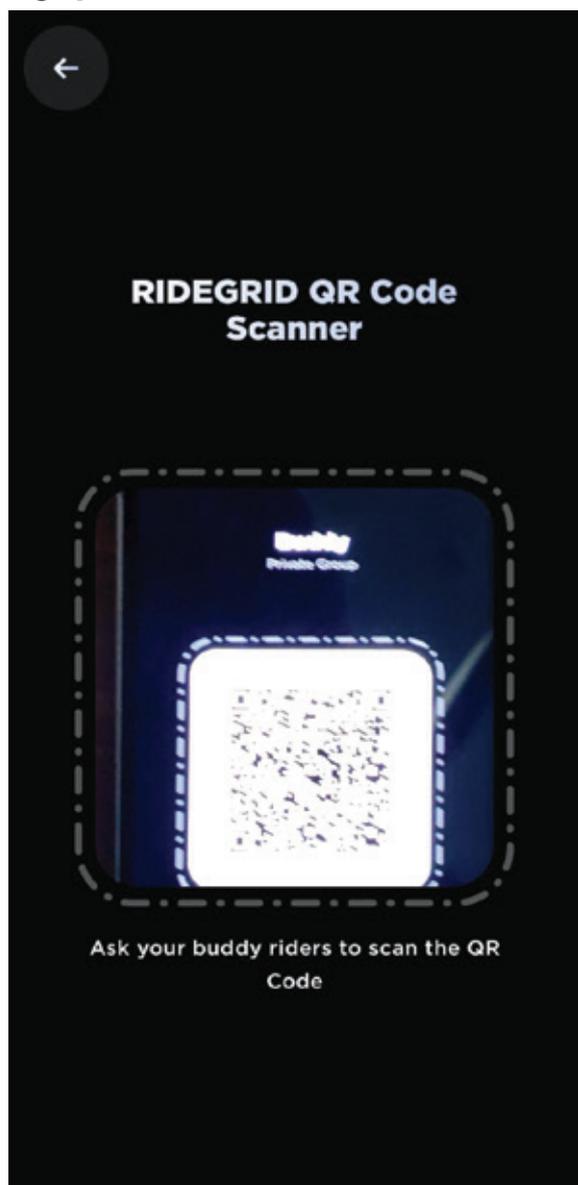
A QR will be generated

03



Tap on 'Scan' button to open QR code scanner

04



Scan the QR code to join the private group

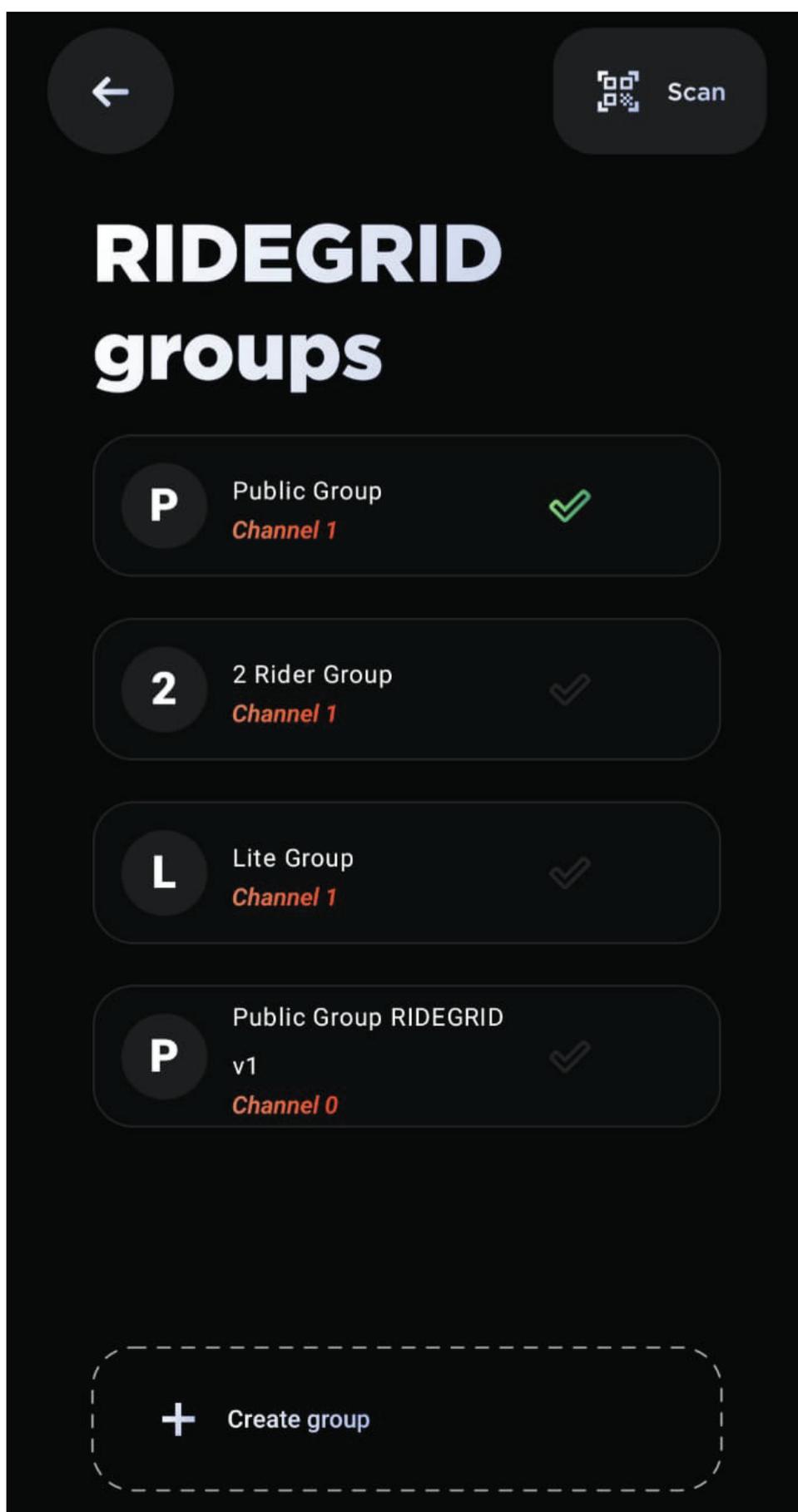


04

RIDEGRID GROUPS

a - RIDEGRID V2 Public Mode

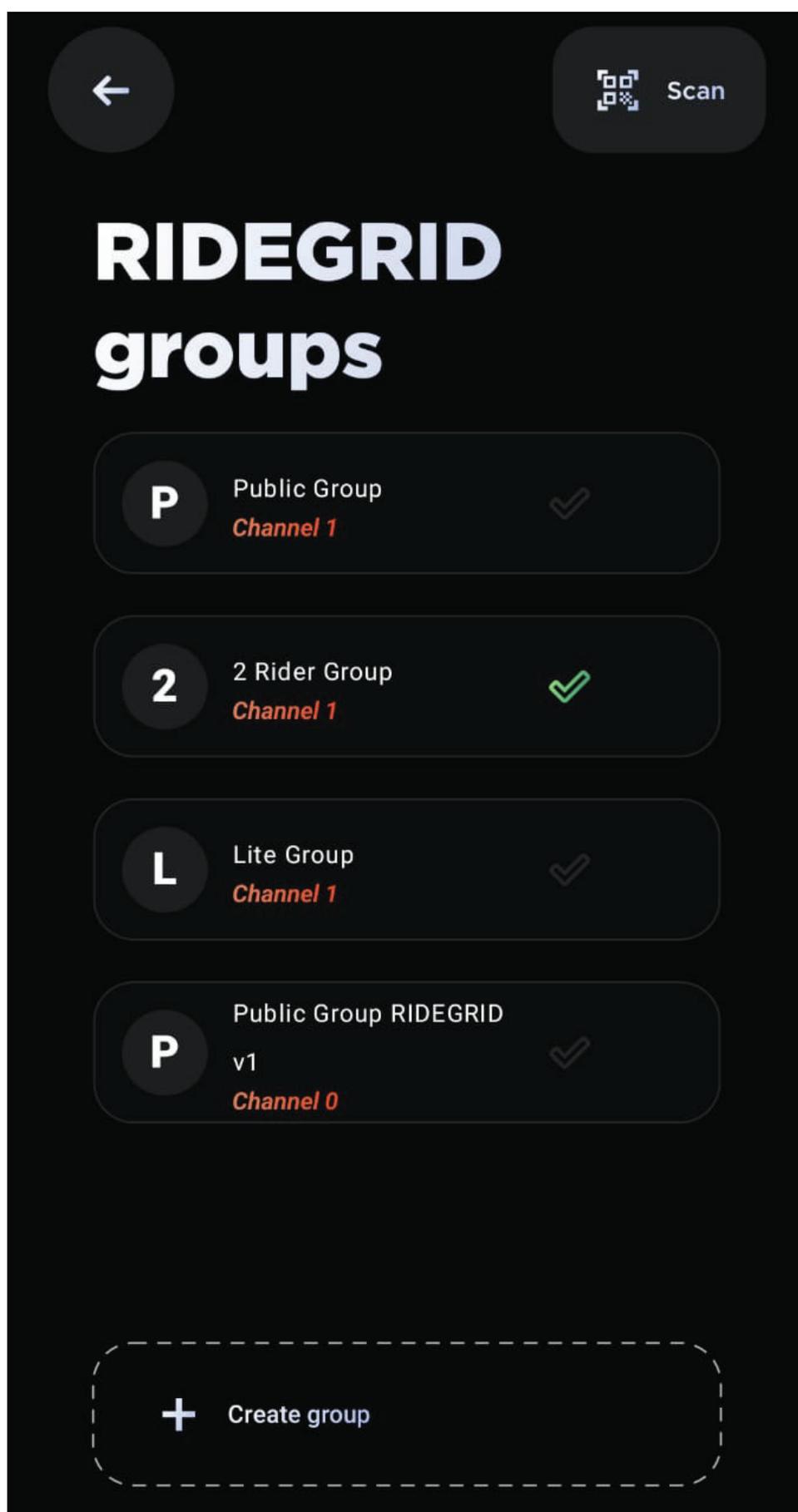
This mode supports mesh intercom functionality with multiple participants, allowing users to start, exit, and rejoin group calls effortlessly. It is ideal for connecting with other devices that support RIDEGRID V2 Public Mode. C20 devices can join a group initiated in C50's RIDEGRID V2 Public Mode; however, two C20 devices cannot connect with each other using RIDEGRID V2 Public or ChatHub Mode.





b - 2Rider Public Mode

This is the default group for C20 devices. When a user turns on RIDEGRID, the device will automatically connect to the nearest C20 device operating in the same mode. This mode also supports eight public channels, making it easy for riders to connect each other on same channel. Designed for quick, peer-to-peer communication, it enables instant connection without the need for app setup or group management

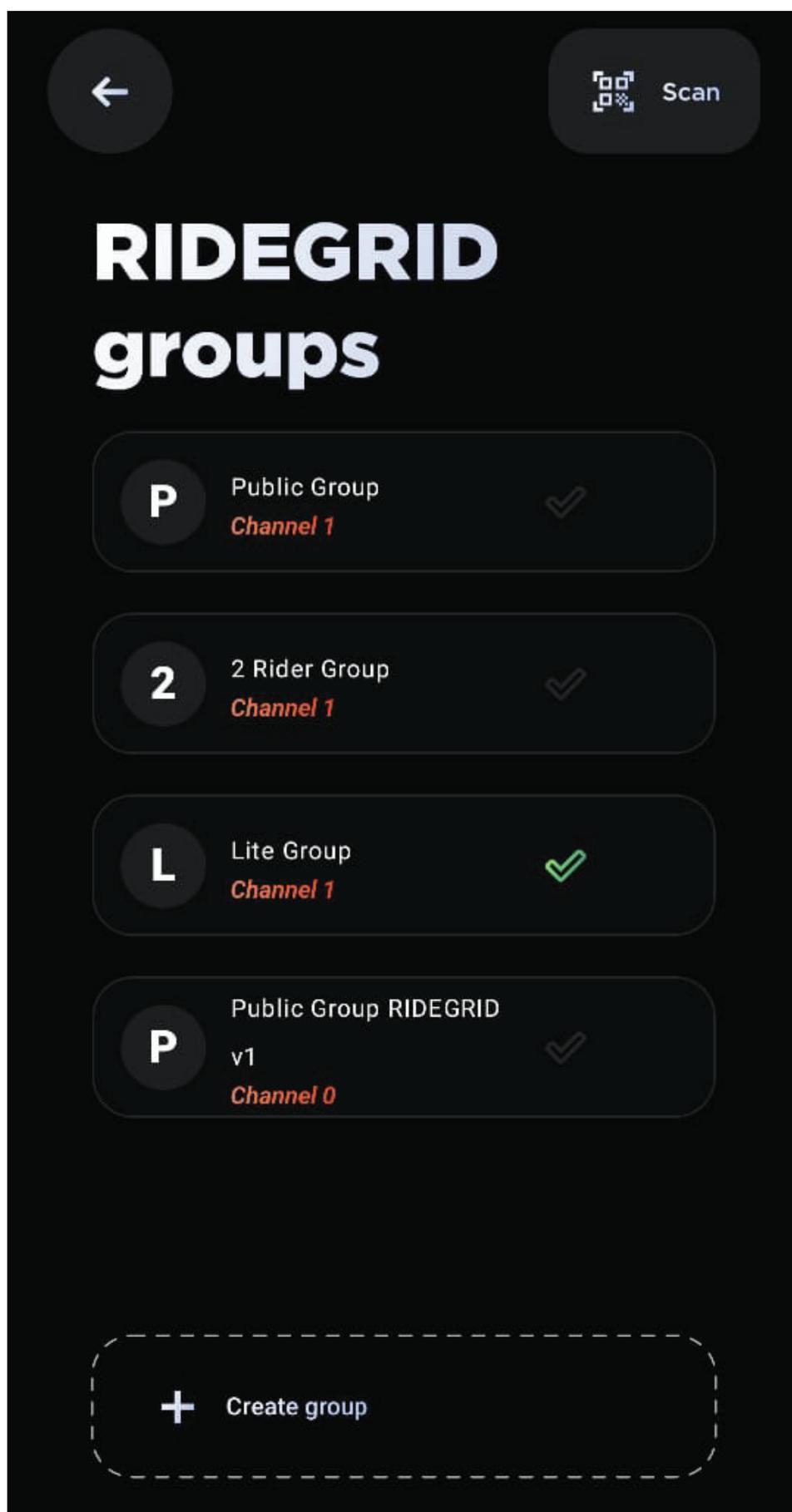




c - RIDEGRID V2 Lite Public Mode

This mode brings the convenience by enabling seamless communication for groups of more than 3 riders. With support for eight public channels, it allows quick connection with other riders tuned to the same public channel. When this mode is active, Bluetooth audio and phone call functionality is disabled.

However, app controls remain accessible to operate C20.

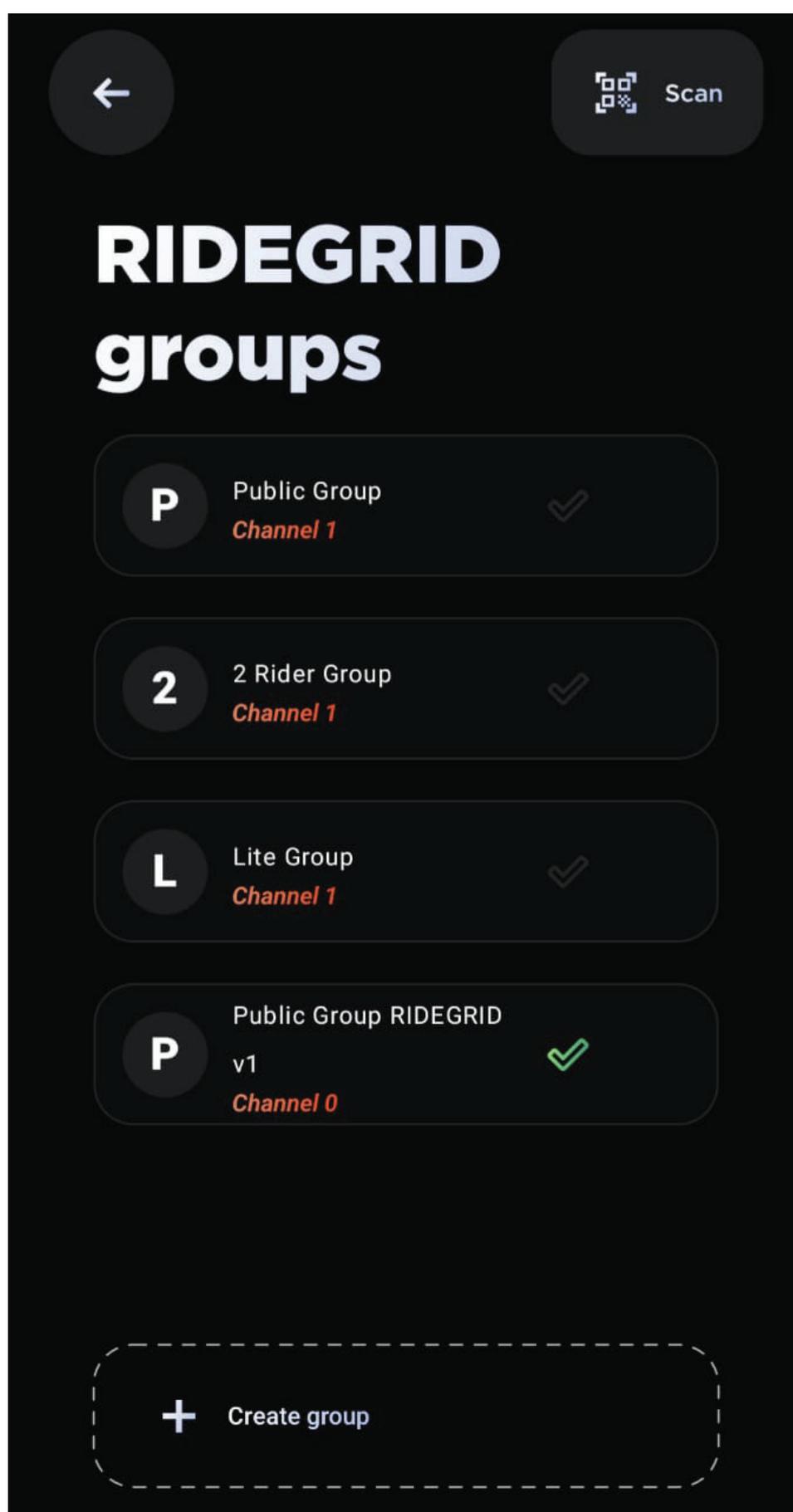




d - RIDEGRID V1

Public & Private Modes

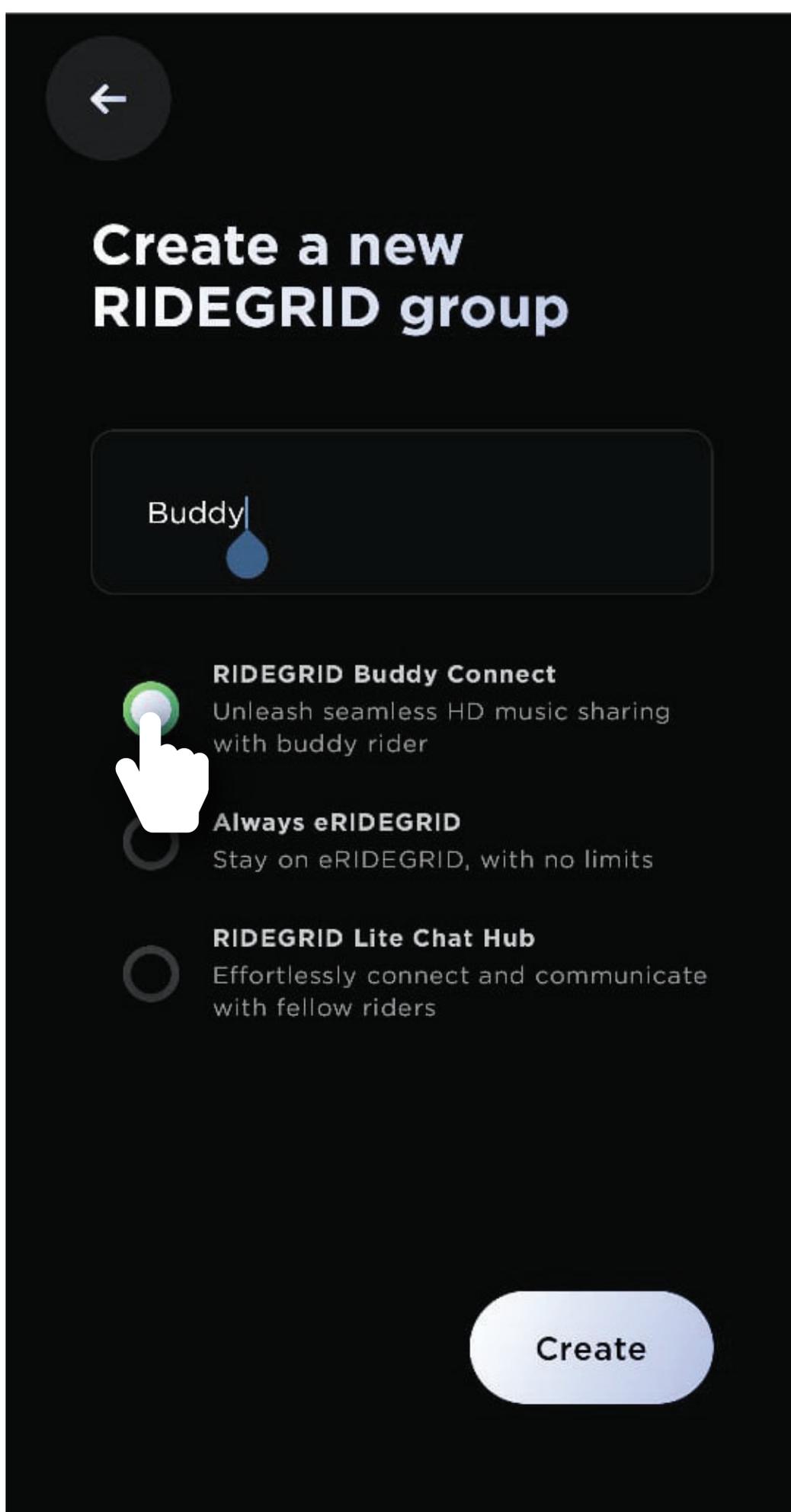
These legacy modes remain compatible with the C20 and are designed to ensure cross-device connectivity. They allow the C20 to connect and communicate with C30 and other BluArmor-powered devices that support RIDEGRID V1 Public or Private modes. These modes offer stable mesh communication but do not include the advanced performance and features introduced in newer RIDEGRID V2 and RIDEGRID V2 Lite version.





e - Buddy Connect

Buddy Connect is a one-on-one communication mode that enables simple setup and rapid pairing. It supports Mesh + Music, allowing riders to stay connected through intercom while still enjoying music and phone call functionality. Ideal for spontaneous rides, this mode keeps your conversations and entertainment uninterrupted.

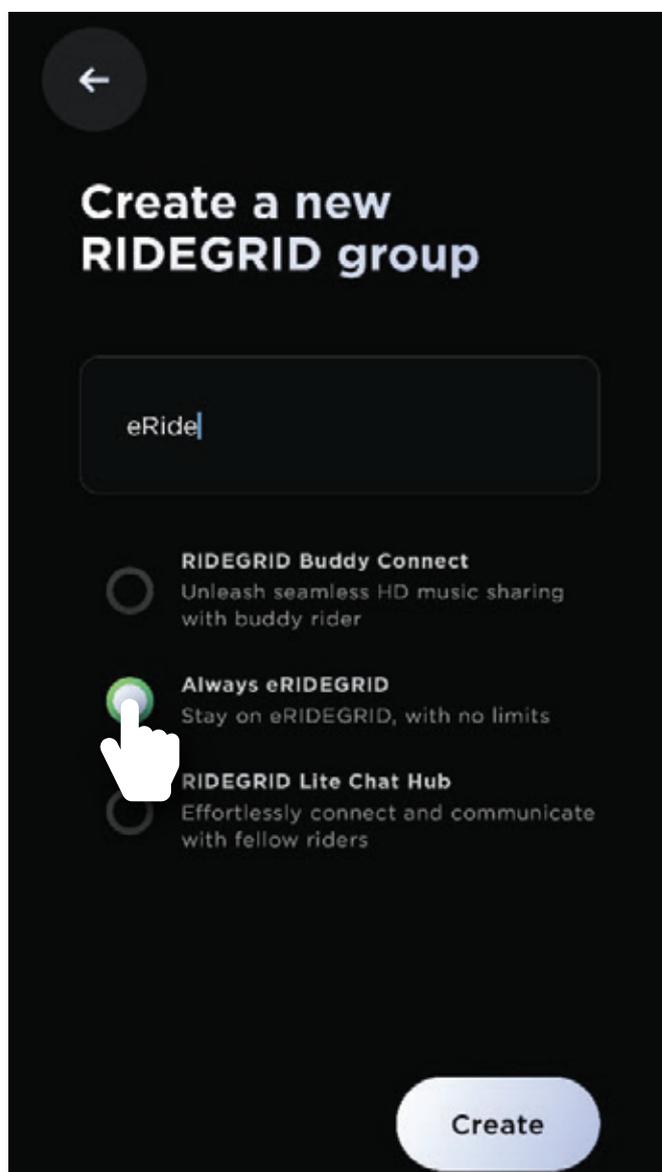




f - ALWAYS eRIDEGRID

Always eRIDEGRID is a private group communication mode available in RIDEGRID V2. It enables real-time, voice communication among multiple riders. Unlike traditional mesh-based systems, this mode allows you to ride without worrying about mesh range, as long as you have an internet connection, you'll stay connected.

Communication is established over an internet connection, leveraging VoIP technology to provide clear and uninterrupted audio. A stable and reliable network connection typically via 4G, 5G, or Wi-Fi is essential for optimal performance. Call quality may be affected by factors such as network latency, signal strength, and local connectivity conditions



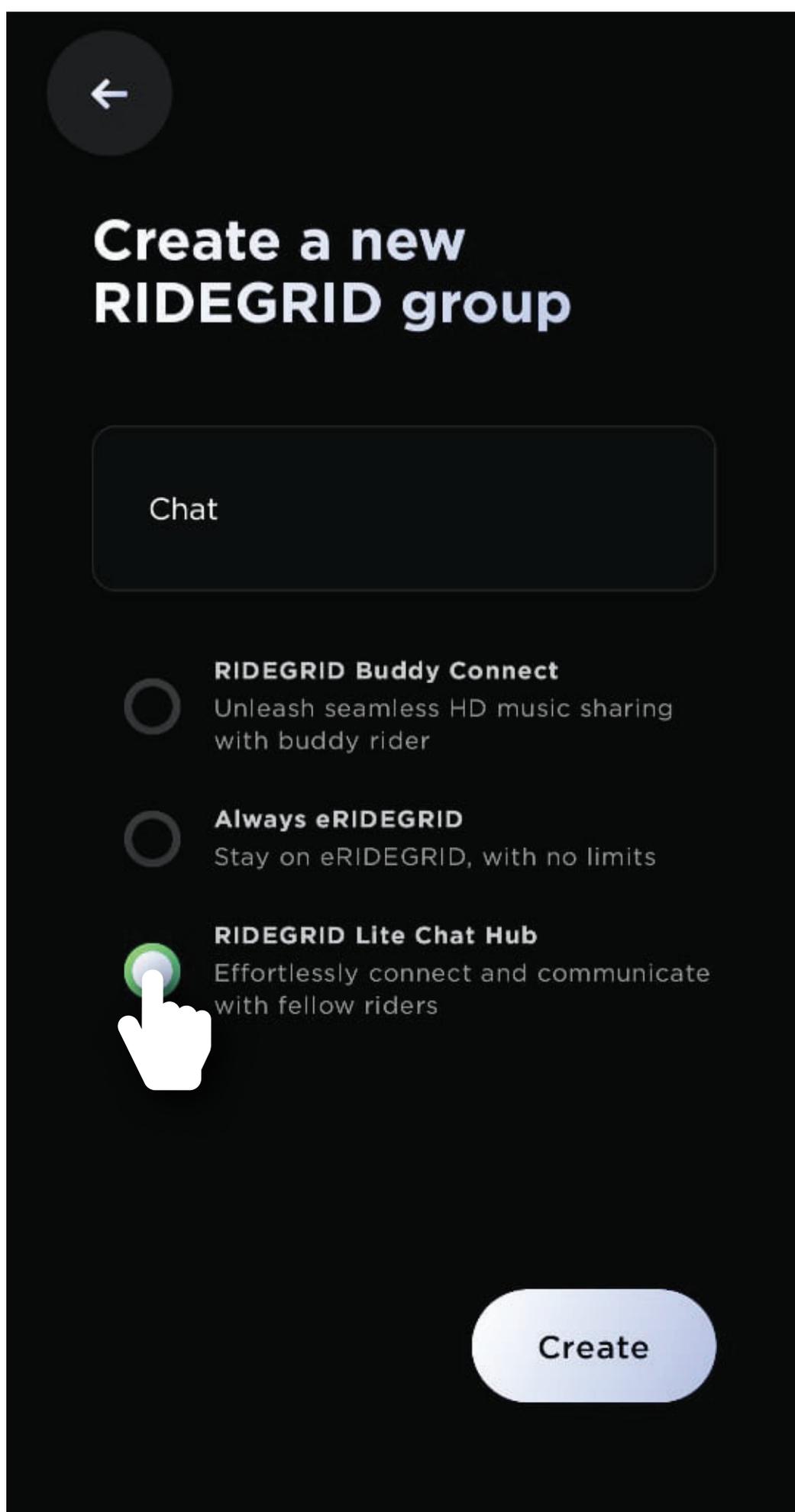
NOTE - WHILE ALWAYS eRIDEGRID IS ACTIVE, MUSIC PLAYBACK IS NOT SUPPORTED. THIS IS TO ENSURE UNINTERRUPTED VOICE COMMUNICATION AND OPTIMIZE AUDIO CHANNEL PERFORMANCE.



g - RIDEGRID V2 Lite ChatHub

This is a private group mode under RIDEGRID V2 Lite. It lets multiple riders join and communicate privately using devices that support RIDEGRID V2 Lite ChatHub.

The mode supports essential call functionality and enables seamless communication for groups of 4 to 6 riders. Beyond this range, the experience may vary depending on riding conditions and connectivity factors.





h - RIDEGRID V2 ChatHub (Limited Support)

C20 includes a Lite version of RIDEGRID V2, which comes with limited group management capabilities. Specifically, features such as group creation and role management through RIDEGRID V2's ChatHub are not available on the C20.

These advanced features are only supported on BluArmor devices like the C50, which come with the full version of RIDEGRID V2.

However, C20 users can still join existing groups as end nodes and fully participate in group calls — including the ability to start, exit, or rejoin them seamlessly.

Ridegrid Groups

Support C20 - C20 connections

- 2 Rider Public Mode
- Buddy Connect
- Ridegrid V2 Lite Public Mode
- Ridegrid V2 Lite ChatHub Mode

Ridegrid Groups - End Node Mode

Support C20 - C50 Connections

- Ridegrid V2 Public Mode
- Ridegrid V2 ChatHub Mode
- Ridegrid V1 Public Mode
- Ridegrid V1 Private Mode



04

GENERAL FUNCTIONALITY

All RIDEGRID modes support essential call actions such as start, exit, and rejoin. Music playback can continue during mesh conversations, and RIDEGRID consistently overrides any existing Bluetooth connection to ensure priority communication. However, Bluetooth connectivity for music and phone calls is not available while using RIDEGRID V2 Lite Public Mode and RIDEGRID V2 Lite ChatHub Mode.

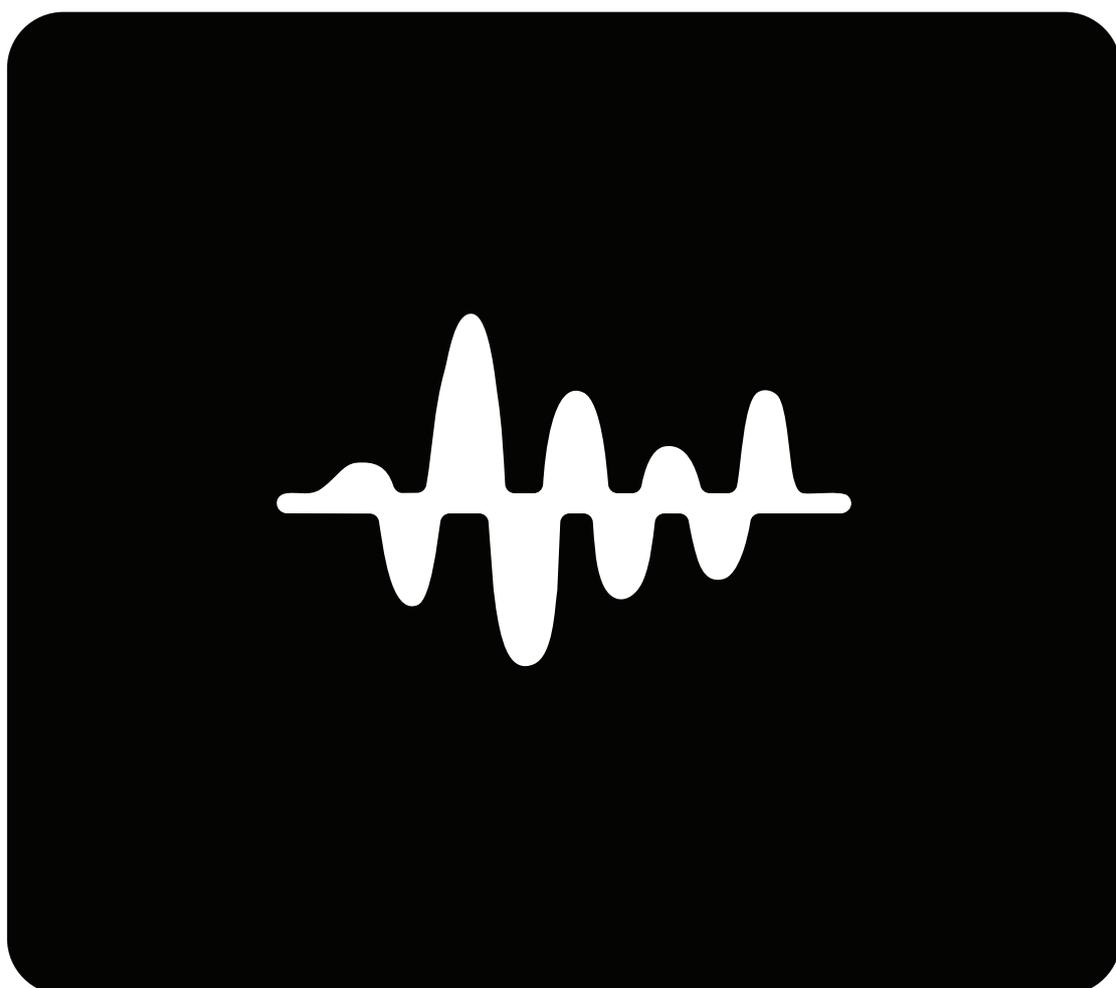
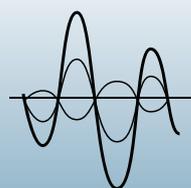
05

FEATURE LIMITATIONS

- **Group creation and management must be performed via the BluArmor app**
- **Advanced features like call merge, action camera merge, or intercom merge are not available**
- **Group switching and Channel switching are only possible through the app**



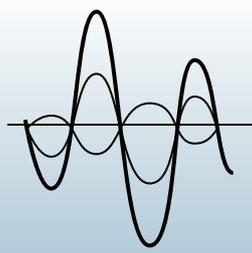
Audio/Voice Experience



01 - VOLUME CONTROLS

02 - EQ CONTROLS FOR MUSIC

03 - AUDIOWEAVE™



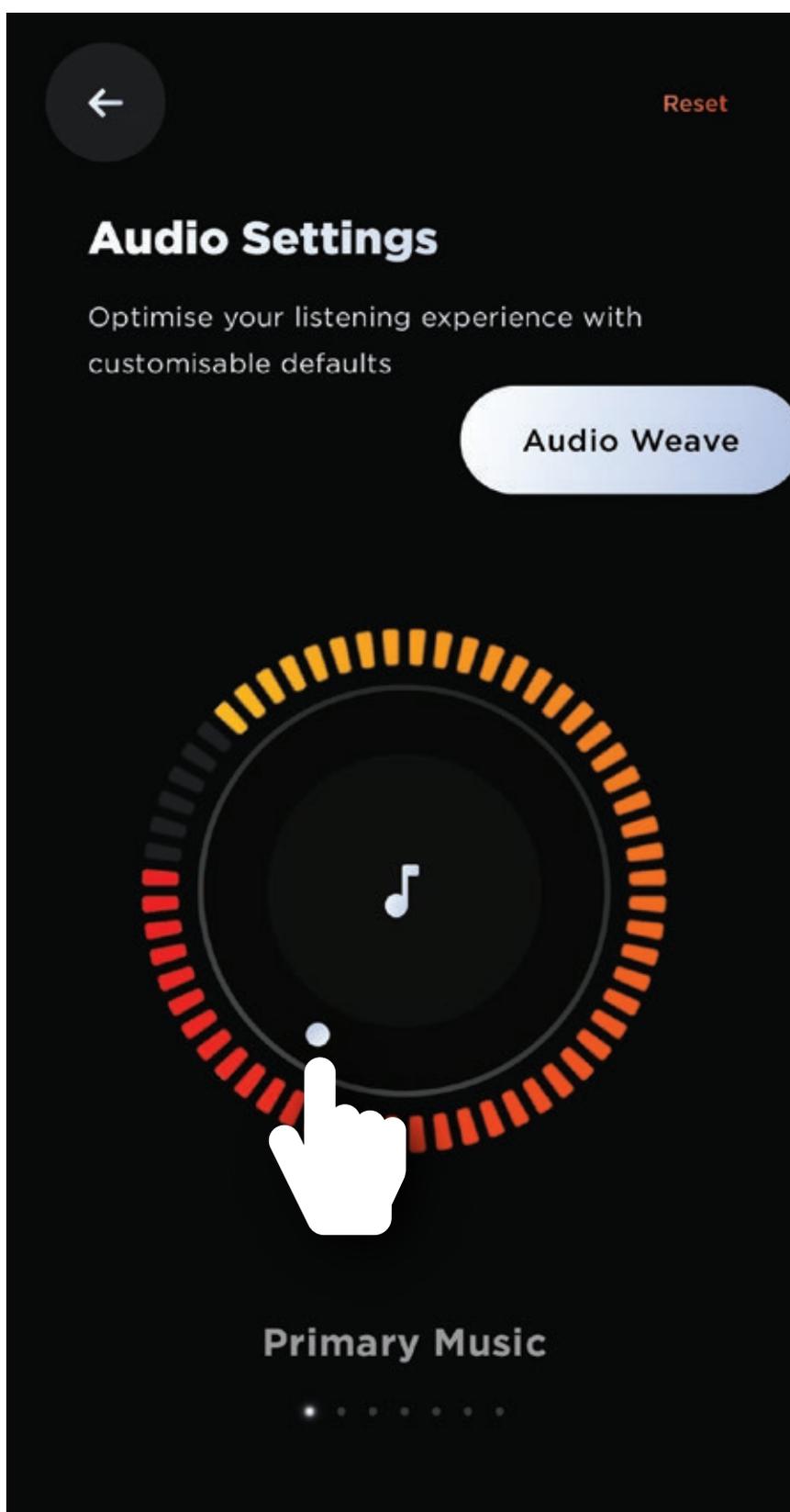
01

VOLUME CONTROLS

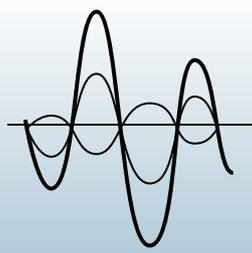
Volume control is **possible** either **through** the **device** or **the app**. The **‘+’** and **‘-’** buttons can be **pressed once to increase** or **decrease the volume** while listening to music or attending calls.

Refer under **MUSIC VOLUME CONTROLS** section in this user manual to see how music control works using the 3 Button Module and the TStick

On the **app**, there is a **dedicated volume dial** that **allows you to set the desired volume**.



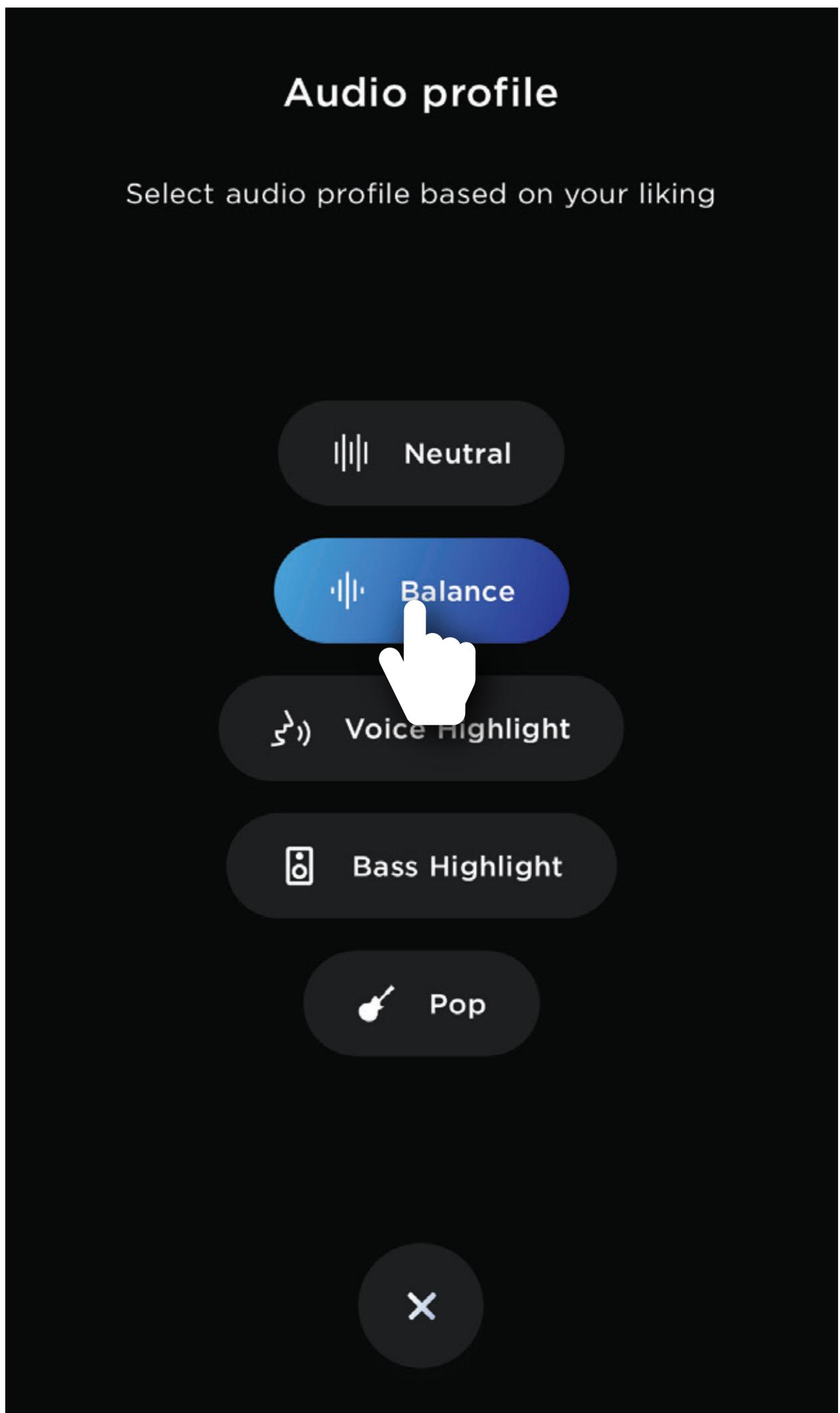
Swiping left on the dotted lines below to select and control different audio outputs (Primary voice, Music, RIDEGRID and more)

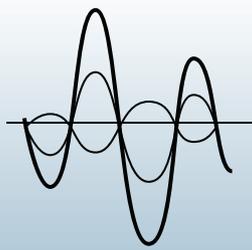


02

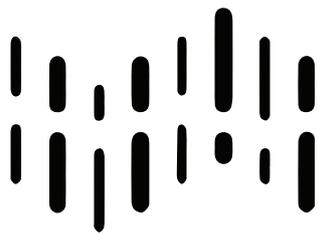
EQ CONTROLS FOR MUSIC

In the menu you can access the audio presets that allow you to control Volume Boost and Equaliser Preferences.





03 AUDIOWEAVE



AUDIOWEAVE™

AUDIOWEAVE™ is designed to let you stay connected to your group while continuing to enjoy music and use voice commands during your ride. It blends multiple audio sources smartly so that your intercom doesn't interrupt your personal experience—unless it needs to.

When using supported RIDEGRID™ groups, AUDIOWEAVE™ allows the following:

- **Play music from your phone during a RIDEGRID™ intercom session.**
- **Use your phone's voice assistant without leaving the intercom.**
- **Automatically adjust music and intercom volume based on activity.**
- **When the voice assistant is triggered, the C20 automatically mutes your intercom mic to reduce interference, so your command is picked up clearly.**

NOTE - AUDIOWEAVE™ IS NOT AVAILABLE FOR RIDEGRID™ V2 LITE PUBLIC GROUP AND RIDEGRID™ V2 LITE CHATHUB GROUP.



Overlay Volume Control

You can choose how music and group conversations interact by enabling or disabling the Audio Overlay setting in the BluArmor app

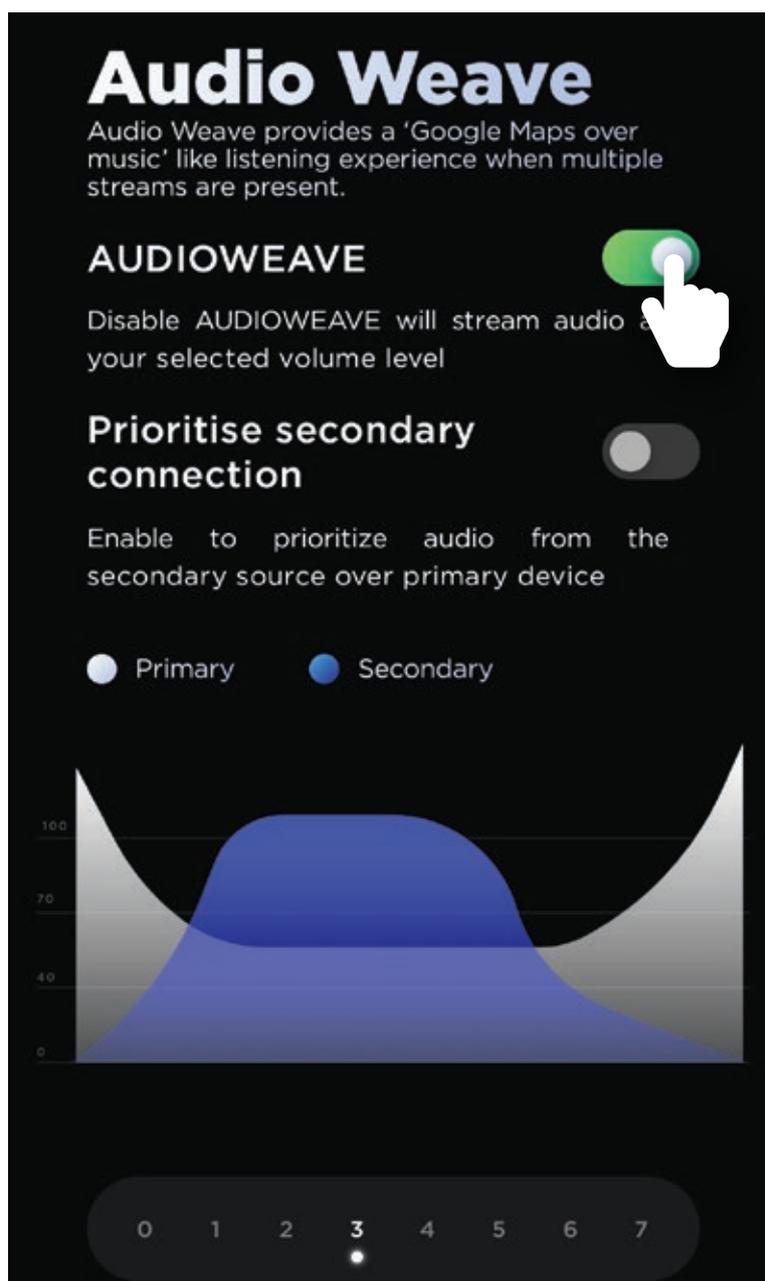
Overlay OFF

- Music volume stays constant and independent from intercom activity
- You control the music through your phone volume and the device
- Intercom volume is adjusted separately

Overlay ON

- Music volume automatically lowers when someone speaks in the group
- During quiet periods, music plays at full volume
- During conversations, music drops to 20% of its defined volume for clarity by default. This level can be adjusted in the BluArmor app to match your preferred listening experience

This setup ensures you don't miss important voice updates while still enjoying your playlist or podcasts in the background. It's designed to keep you in sync with your ride—and your rhythm.

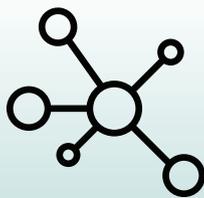




PORTWEAVE™



PORTWEAVE™



01

WHAT IS PORTWEAVE™

PORTWEAVE™

MULTI POINT CONNECTIVITY

PORTWEAVE™ lets you stay connected to two Bluetooth devices at the same time, so you ride uninterrupted. With this feature, the C20 can handle both a primary and a secondary connection, giving you the flexibility to mix communication and navigation without constantly switching devices.

SUPPORTED DUAL CONNECTIONS

- The **Primary Connection** is typically your smartphone, but can also be a motorcycle's instrument cluster.
- The **Secondary Connection** can be a GPS device, radar detector, action camera, or even a second phone—for navigation or music

This setup allows you to receive calls, get navigation updates, and hear alerts from different devices—all seamlessly handled by the C20.

IMPORTANT NOTICE

Both devices must support pairing with a standard Bluetooth audio device or headset for compatibility.

Primary and secondary Bluetooth connections are not available while using RIDEGRID™ V2 Lite Public Mode or RIDEGRID™ V2 Lite ChatHub Mode. In these modes, the C20 prioritizes mesh communication and will automatically disconnect any existing Bluetooth audio links. Additionally, secondary Bluetooth connections are not supported while RIDEGRID is active, regardless of the mode

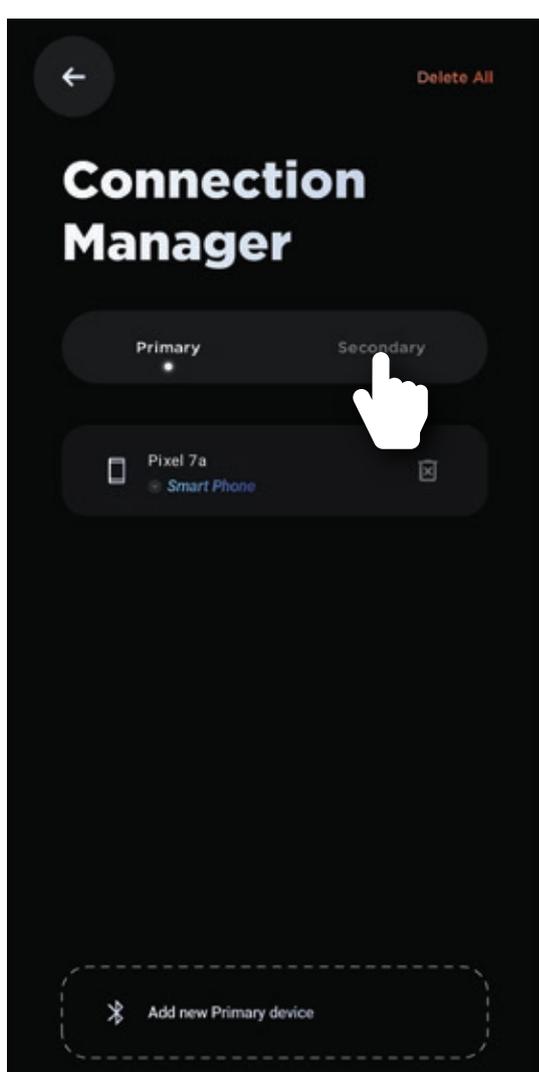


HOW TO SET UP DUAL CONNECTIONS

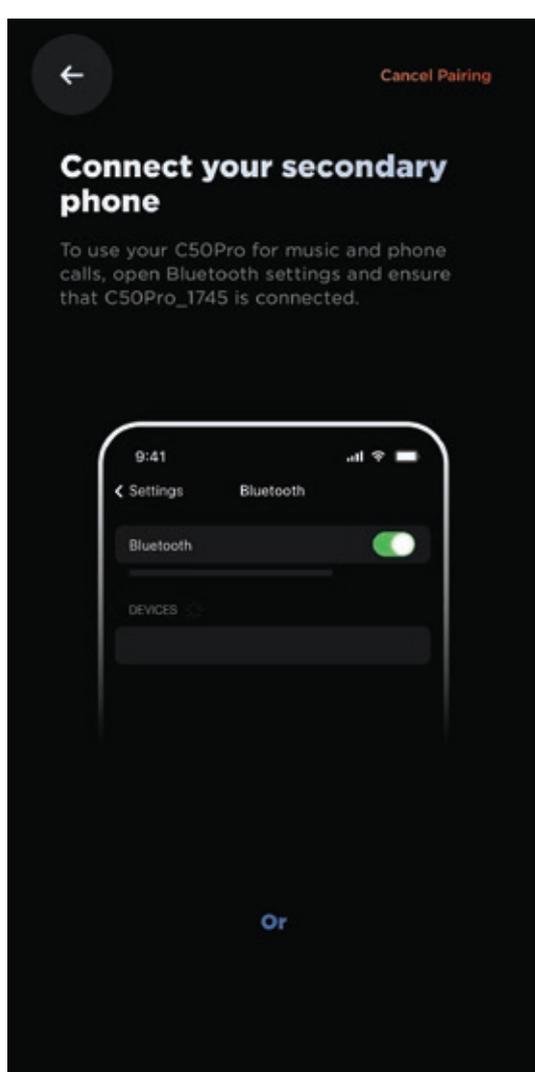
1. Pair your primary device (phone or instrument cluster) with the C20 first.
2. After successful pairing, enable secondary pairing mode either through the device or the BluArmor app.
3. Connect your secondary device (GPS, action cam, or secondary phone)

Once both devices are paired, the C20 will remember them and reconnect automatically on future rides.

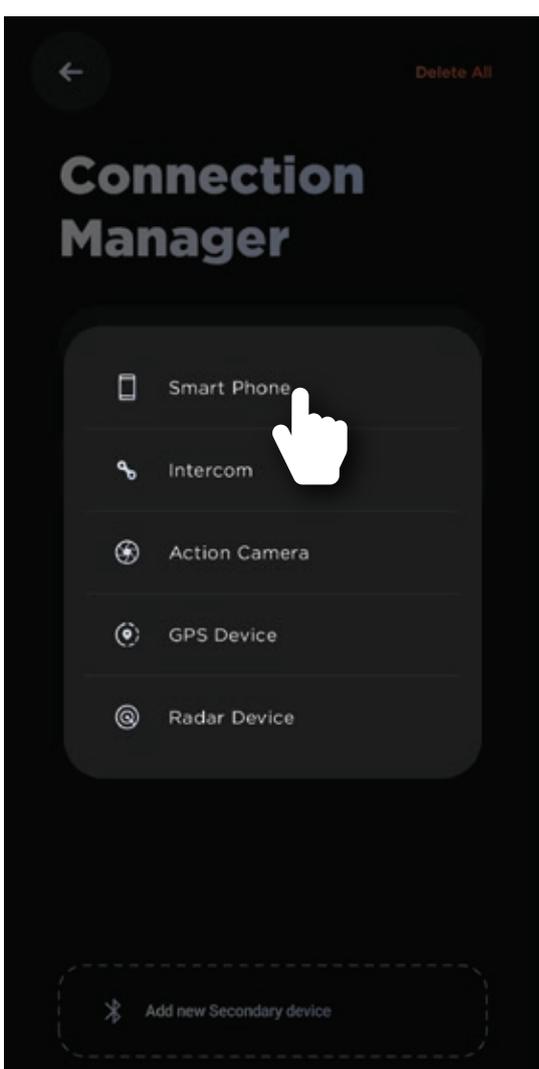
01



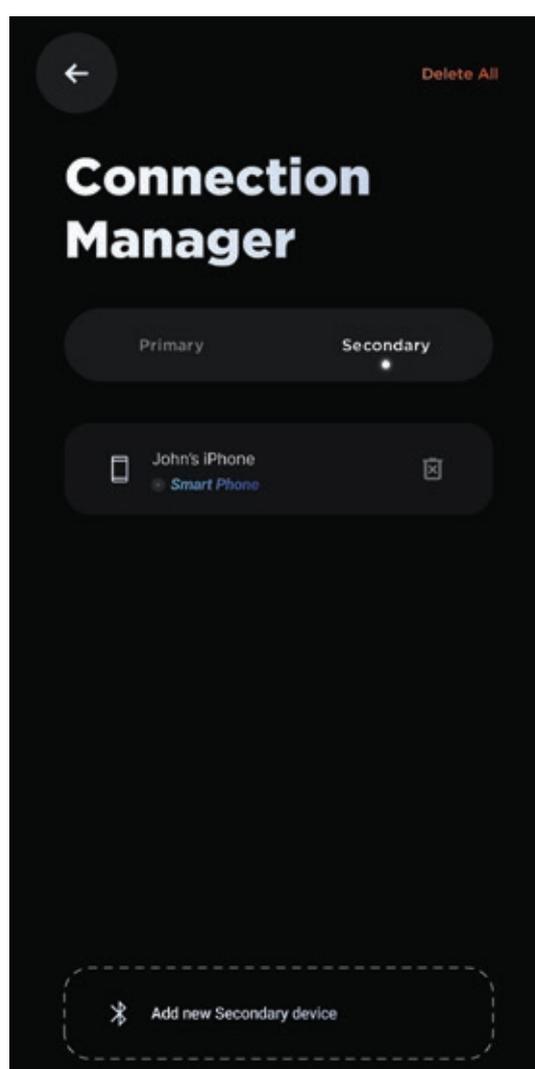
02



03



04



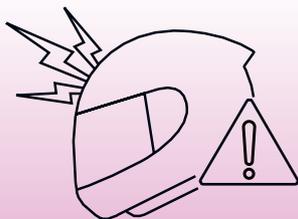


Crash Detection



01 - OVERVIEW

02 - HOW TO SET UP?



01 OVERVIEW

When your helmet experiences an impact during a crash, the main unit detects the force of the collision. It automatically dials your designated emergency contact, so you can inform them with relevant details about the crash, such as its location and the severity. This system ensures that help can be notified quickly.

02 HOW TO SET UP?

- Open the BluArmor app.
- Go to Settings.
- Select the Crash Detection tab.
- Add an emergency contact.
- Enable the 'Dial call on crash' option.

You can **customize** the **impact level** that **triggers an alert** to your **emergency contact**.

Choose from **Mild, Medium,** or **Severe** based on your **preference**.



Set the emergency contact

+910909090

Select Contact

Dial call on crash



Crash Detection Sensitivity

Choose crash detection sensitivity levels to match your activity or environment

Mild

Medium

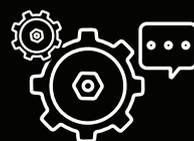
Severe



Update



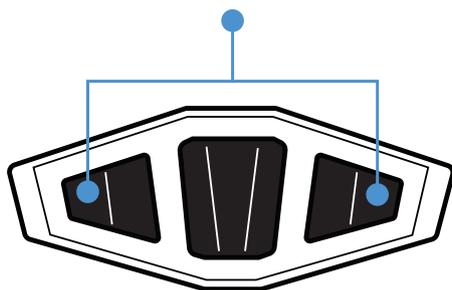
RESET & REBOOT



FACTORY RESET

FACTORY RESET THE MAIN UNIT

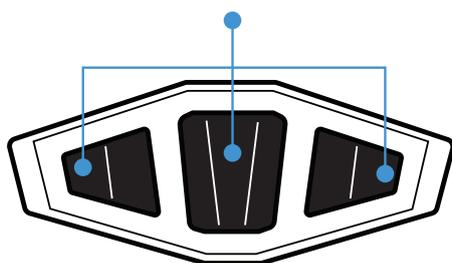
PRESS AND HOLD
FOR 10 SECONDS



REBOOT

REBOOT THE MAIN UNIT

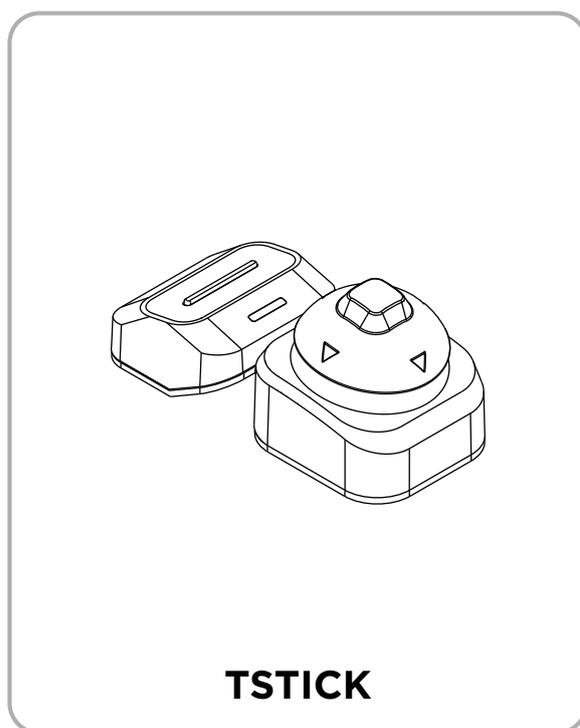
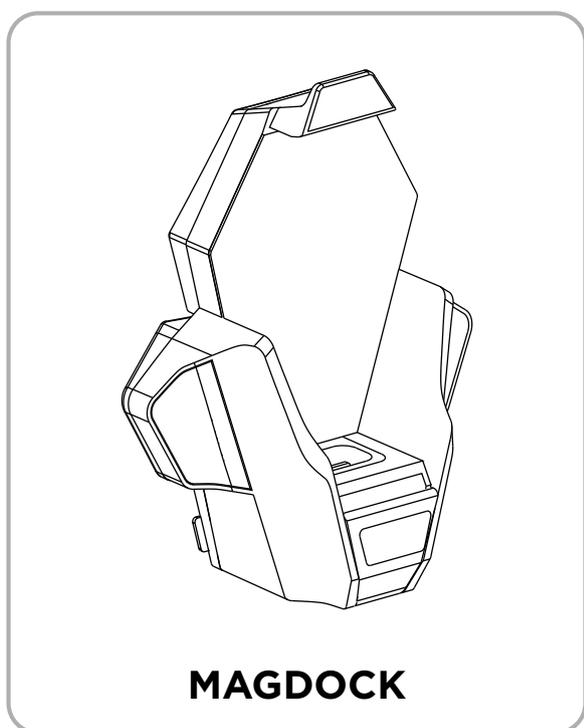
PRESS TOGETHER ONCE



RIDE . CONNECT . BOND

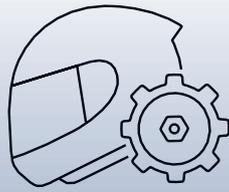


USING THE C20 WITH ADDITIONAL ACCESSORIES



The C20 is compatible with optional accessories such as the MagDock and the TStick. Please note that these accessories are not included in the standard package.

To learn how to pair and use these accessories with your C20, refer to the instructions in the following sections.



01

MAGDOCK INSTALLATION



There are two ways through which you can install the MagDock.

Directly with the VHB or as a removable option with the WingMount.

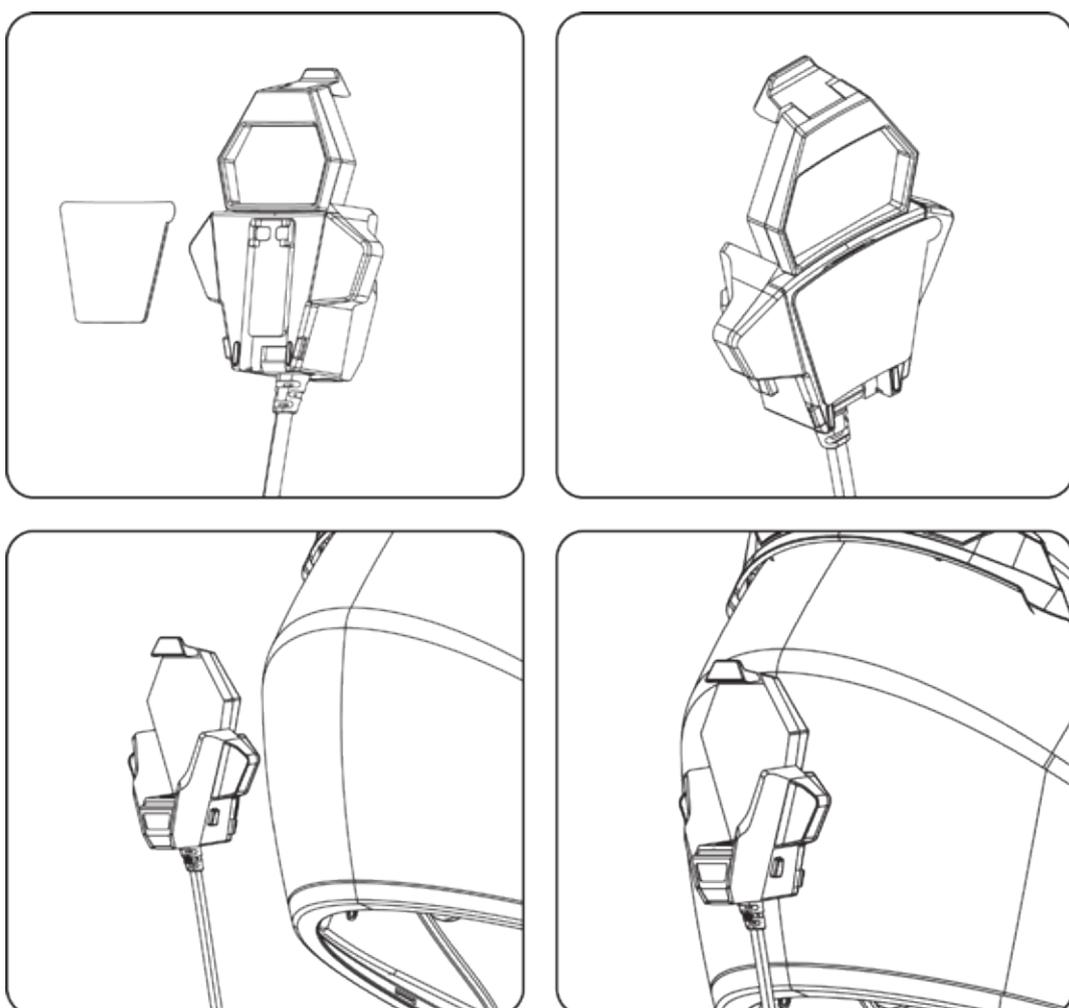
If you prefer not removing the MagDock ever from this helmet, then it is best to stick it down with the VHB adhesive. This will be a slightly slimmer setup.

However if you think you would like to swap the MagDock with the ClickDock or swap the whole setup on to another helmet then the Wing Mount option is the right choice for you

Follow the instructions below and choose the option best suited to you.

a - VHB MOUNT OPTION

Clean the helmet surface well prior to sticking the mount. Remove the white release sheet on the VHB and stick it to the rear of the MagDock as shown below.



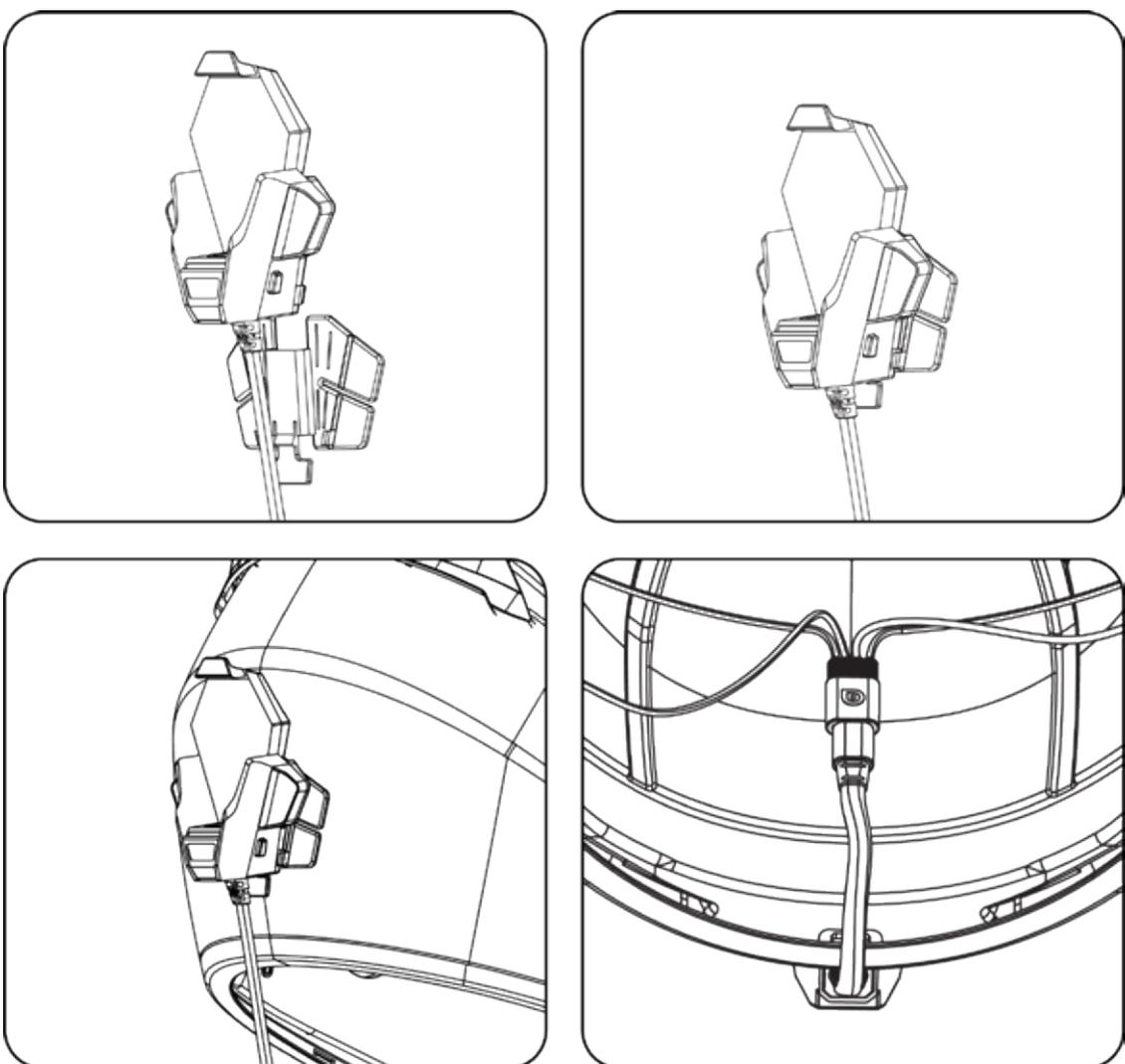


- Place the MagDock on the helmet to find the ideal mounting position.
- Once positioned, clean the surface of dust, stains, oil, or dirt.
- Peel off the red release liner.
- Ensure the mount is centered.
- Stick the MagDock to the helmet

b - WING MOUNT

First dock the MagDock to the wing mount and place it on the helmet such that you are able to push the release tab at the bottom of the wing mount to remove the MagDock. There should be enough space under the tab to be able to push it down fully to release the MagDock.

Once you are certain the location allows for this movement, ensure that the surface of the helmet is clean, then Install the wing mount by removing the red release liner and sticking it down.



- Insert the MagDock cable through the cable manager.
- Remove the red release liner from the adhesive sticker.
- Stick the cable manager in place.



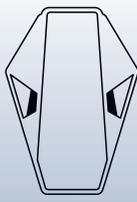
01 - OVERVIEW

02 - FUNCTIONS

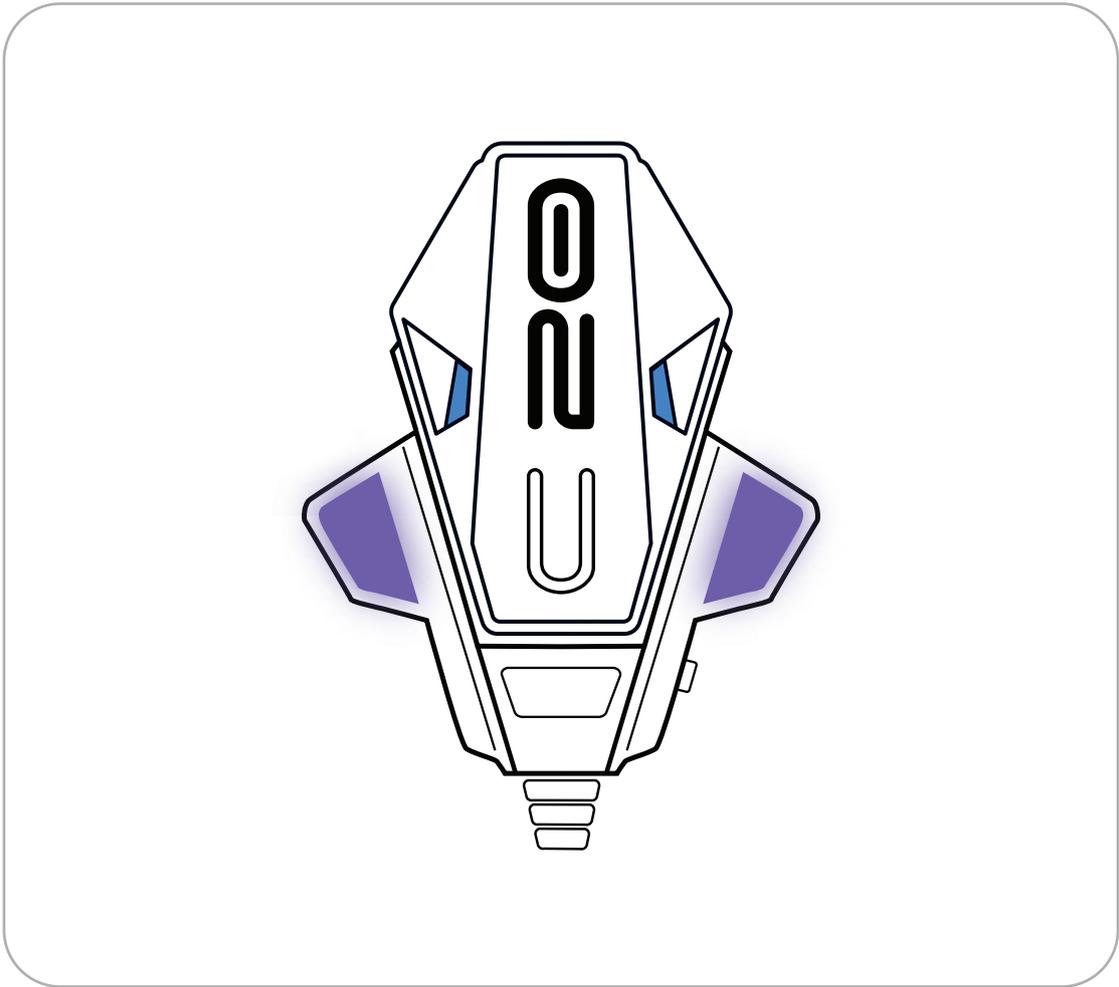
a - TURNING ON/OFF

b - PRESETS

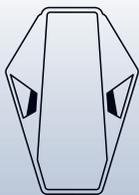
c - CUSTOMISING YOUR
PRESET



01 OVERVIEW



RIDEAURA™ is the latest innovation at BluArmor and is part of the MagDock. This is a lighting feature that allows both personalisation and visibility of the rider on the road using the LED arrays that are built into the MagDock.



02 FUNCTIONS

To **control** the **RIDEAURA™**, you need to connect to the **BluArmor app**.

Once connected you'll see the RIDEAURA™ setting in the app dashboard.

NOTE - YOU CAN ENABLE THE RIDEAURA'S HAZARD MODE WITHOUT CONNECTING TO THE APP, BY USING THE 3 BUTTON MODULE OR THE TSTICK. BUT YOU CANNOT SWITCH MODES OR CUSTOMIZE PRESETS.

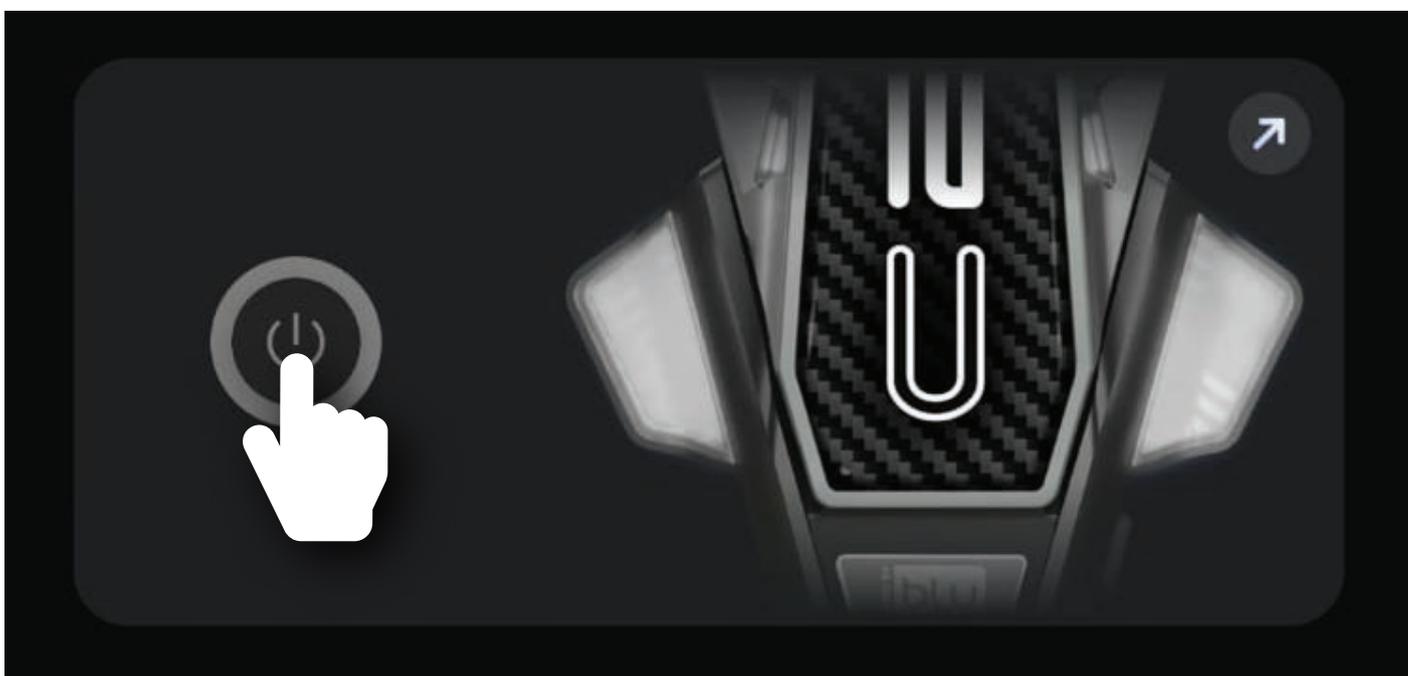
a - TURNING ON/OFF

You can turn the RIDEAURA™ on or off in three ways.

The quickest method is using the dedicated on/off button located on the RIDEAURA™ tab on the app's home screen—simply tap it to toggle the feature.

Alternatively, for more control, tap on the RIDEAURA™ tab to enter its detailed settings, where you'll find an AURA toggle switch that allows you to turn it on or off as needed. This gives you the flexibility to manage RIDEAURA™ either instantly from the home screen or through the settings for a more customized experience.

CONTROLLING RIDEAURA™ THROUGH THE APP

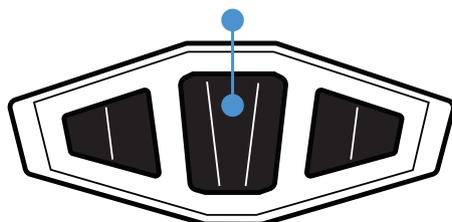




CONTROLLING RIDEAURA™ USING THE 3 BUTTON MODULE

RIDEAURA
(ON/OFF)

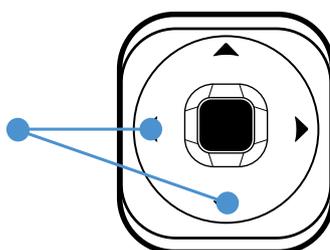
PRESS TWICE
+
PRESS AND HOLD



CONTROLLING RIDEAURA™ USING THE TSTICK

RIDEAURA
(ON/OFF)

PUSH LEFT
AND THEN
PUSH DOWN





b - PRESETS

Preset page of the RIDEAURA™ includes two lighting modes,

HAZARD MODE & BRAKE MODE.

You can turn on/off either of the modes or can keep both modes on or off.

WHAT IS HAZARD MODE?

Hazard Mode is designed for situations where visibility is significantly reduced, ensuring that you remain noticeable to your co-riders and other vehicles around you. This mode is particularly useful in conditions such as heavy fog, rain, snow, or poorly lit roads. When activated, Hazard Mode enhances your presence by flashing light to alert others about your position. This added visibility helps prevent accidents, keeps you safer in unpredictable environments, and ensures that fellow riders or drivers can detect your presence from a distance.

WHAT IS BRAKE MODE?

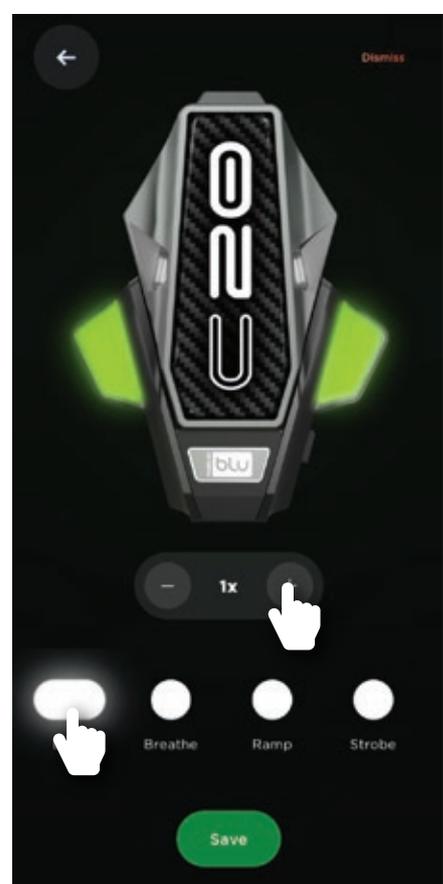
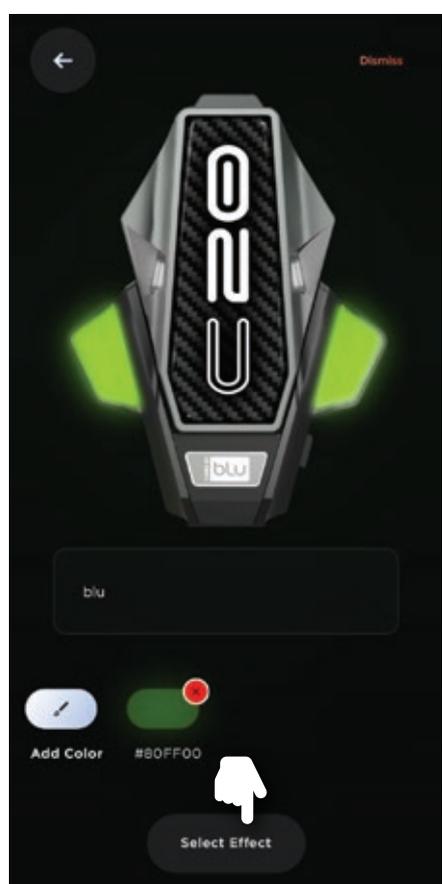
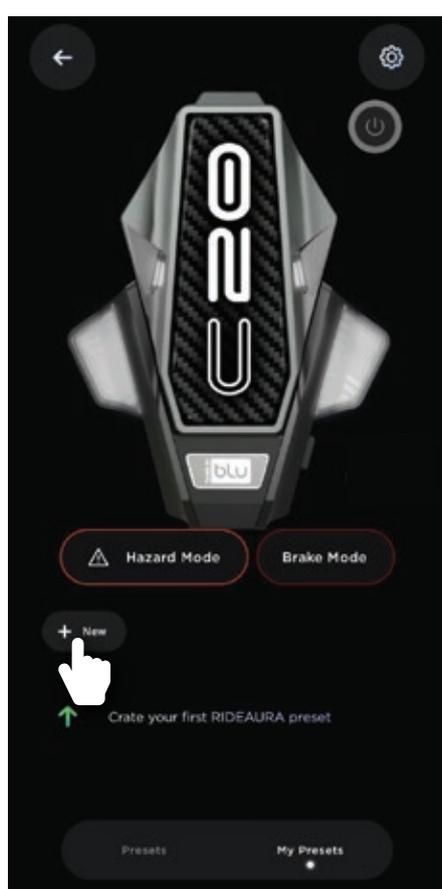
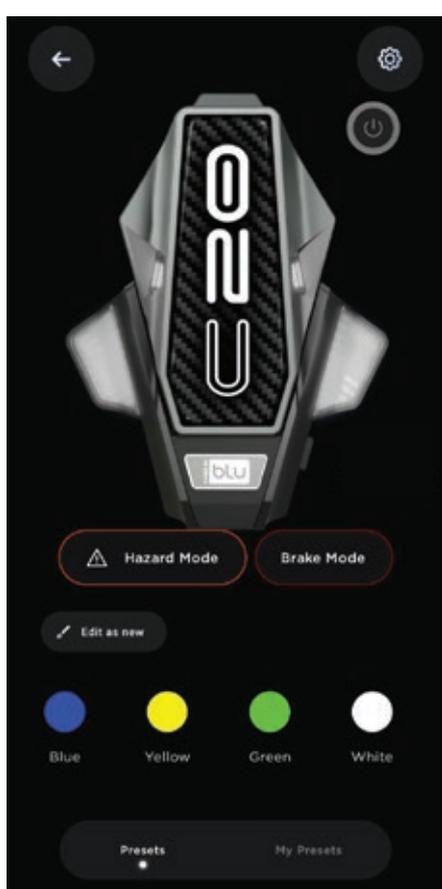
Brake Mode is a safety feature designed to enhance visibility and alert others when you slow down suddenly. The main unit detects rapid deceleration and activates the RIDEAURA™ in a bright red light, signaling to co-riders and vehicles behind you that you are braking. This immediate visual cue helps prevent rear-end collisions, especially in high-speed or group riding scenarios.



c - PRESET CUSTOMISING

You can fully customize the RIDEAURA™ by choosing any color and light pattern to match your preference.

Simply tap the Create button to access the color wheel and select your desired color. Next, name your preset and choose from four available light patterns: Blink, Breathe, Ramp, and Strobe. Additionally, you can adjust the pattern speed, ranging from 1x to 4x, for a subtle or more dynamic riding experience.

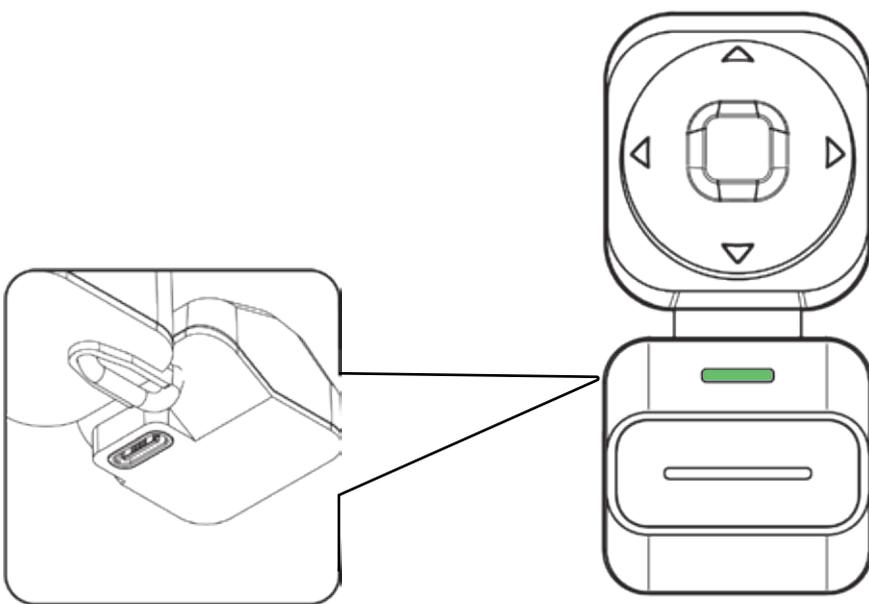




01

CHARGING THE TSTICK

The TStick can be charged through the USB Type-C port provided under the device.



THE LED INDICATOR WILL LIGHT UP GREEN WHILE ON CHARGE
AND WILL TURN OFF ONCE FULLY CHARGED

LED CHARGING INDICATIONS

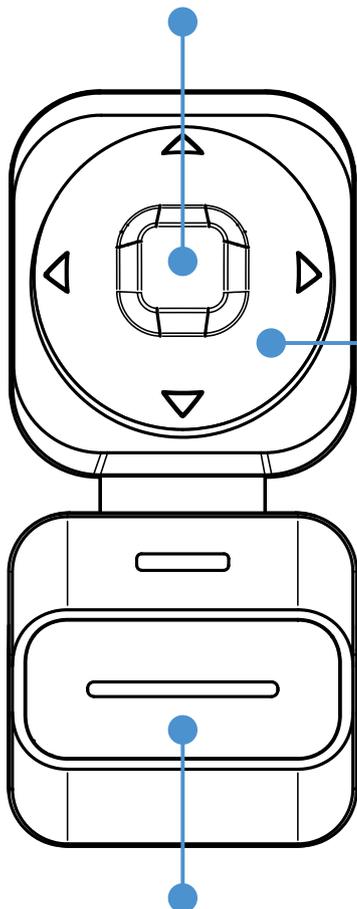


02

BUTTONS AND FUNCTIONS

CENTER BUTTON

PRESS DOWN TO SELECT/CONFIRM



FOUR WAY JOYSTICK

VOLUME CONTROLS AND TO SCROLL UP AND DOWN

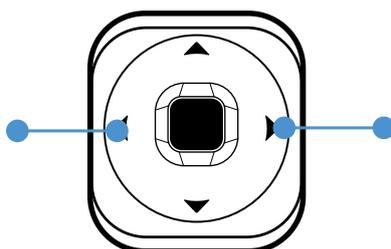
MAIN BUTTON

PRESS AND HOLD TO POWER ON THE TSTICK

MUSIC VOLUME CONTROLS

PRESS ONCE TO INCREASE VOLUME BY ONE LEVEL

PRESS AND HOLD TO RAMP UP VOLUME



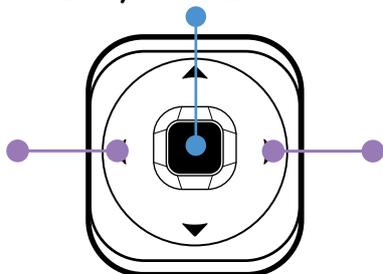
PRESS ONCE TO DECREASE VOLUME BY ONE LEVEL

PRESS AND HOLD TO RAMP DOWN VOLUME

MUSIC CONTROLS

PRESS ONCE TO PLAY/PAUSE MUSIC

PUSH TWICE FOR PREVIOUS TRACK



PUSH TWICE FOR NEXT TRACK



03

PAIRING & USING THE TSTICK

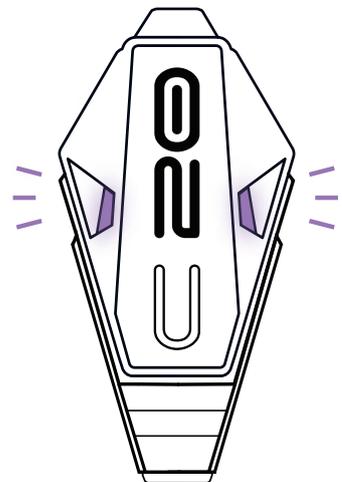
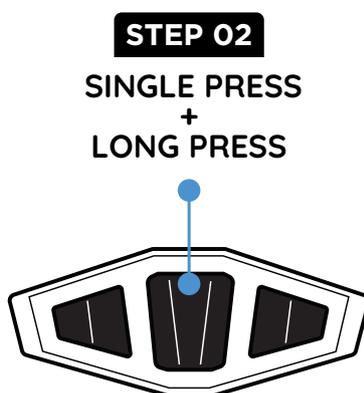
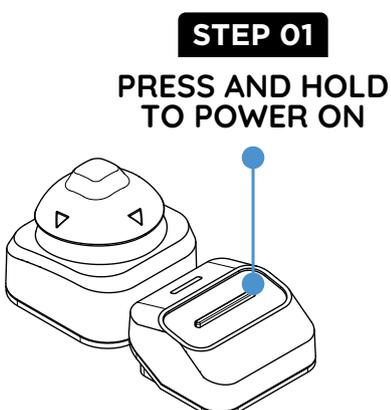
a - USING 3 BUTTON MODULE

NOTE - THE TSTICK PAIRS WITH C20 AND NOT TO A MOBILE PHONE

Follow the steps shown below to pair the TStick to the C20.

- Turn on the TStick by pressing and holding the main button
- Do a single press on the center button of the 3-button module.
- Immediately follow with a long press on the same button.

TSTICK PAIRING TO C20



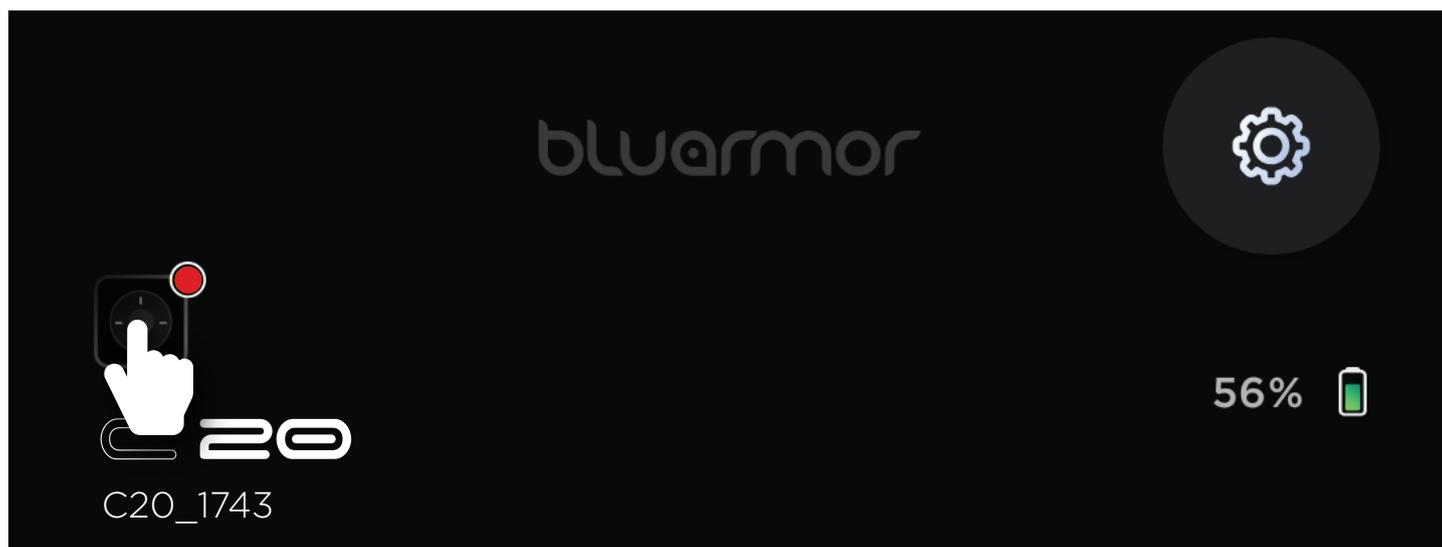
When you power on the TStick, the status LED on the TStick will blink blue in an interval of 5 Secs until it pairs to the C20

At the same time, the C20 will light up purple to indicate that it is searching for the TStick.

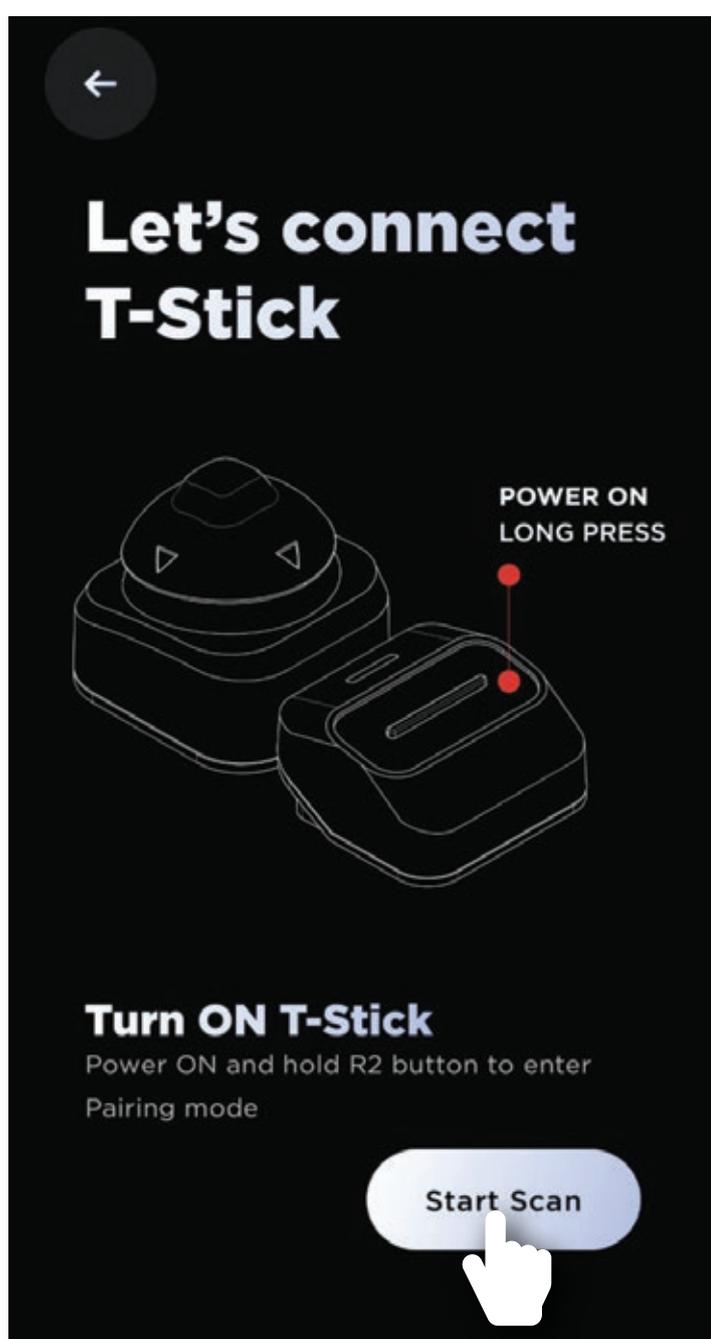
The TStick LED will flash purple once upon pairing with C50 and an audio prompt will play "TStick Connected"



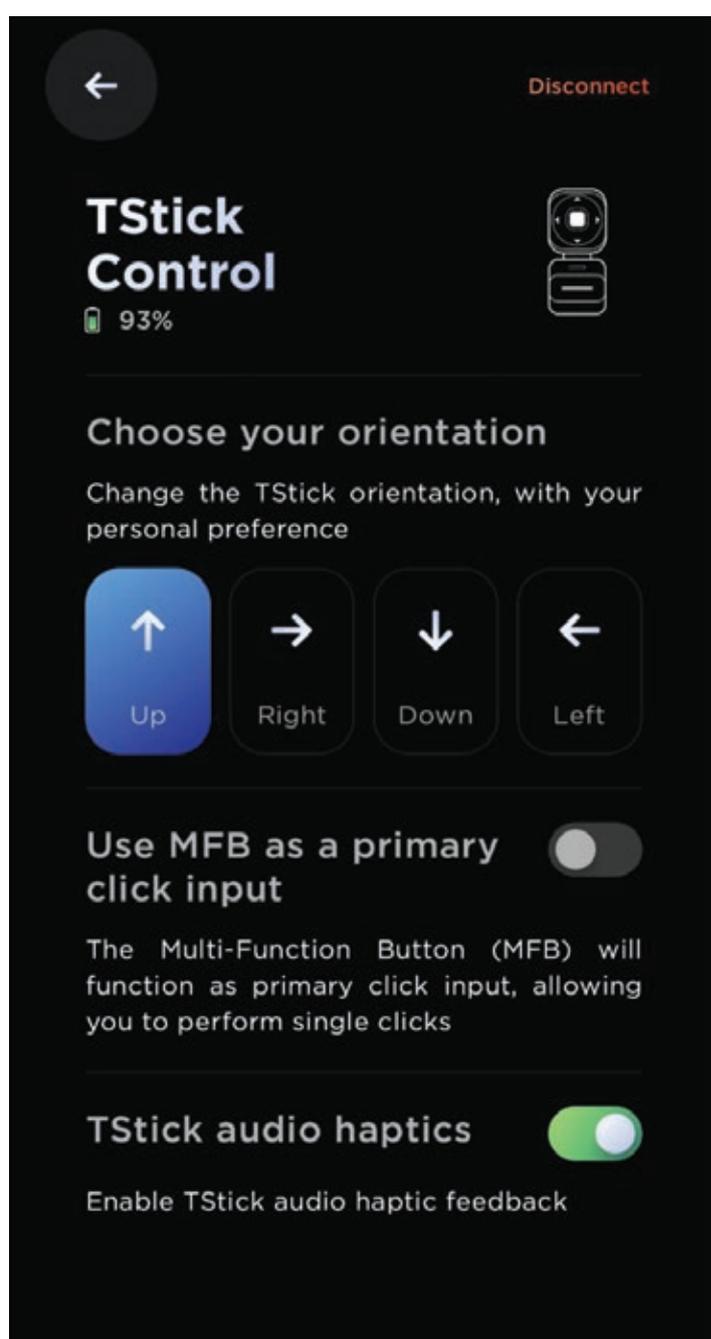
b - USING THE APP



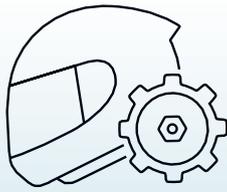
Click on the TStick icon on the App Home Page



Turn on the TStick and click on the Start Scan button.



Once scanned and paired you are now ready to use the TStick



06

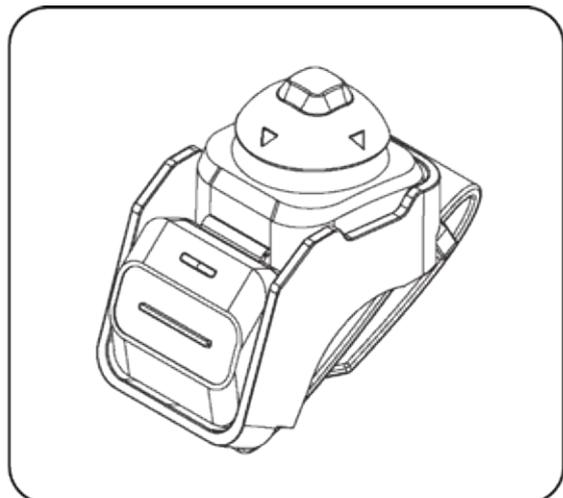
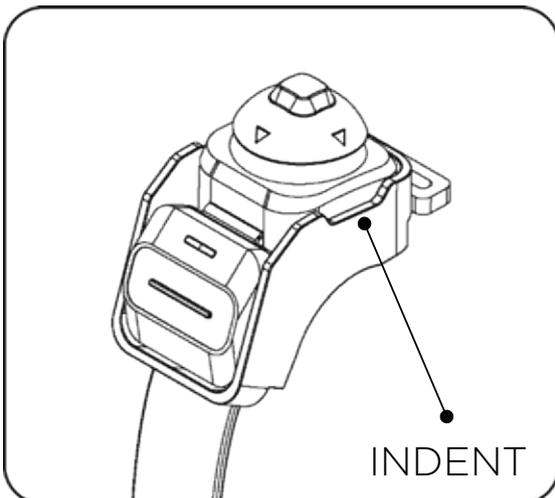
TSTICK INSTALLATION

Please follow the instructions below and choose the option that best suits your needs.

a - STRAP MOUNT

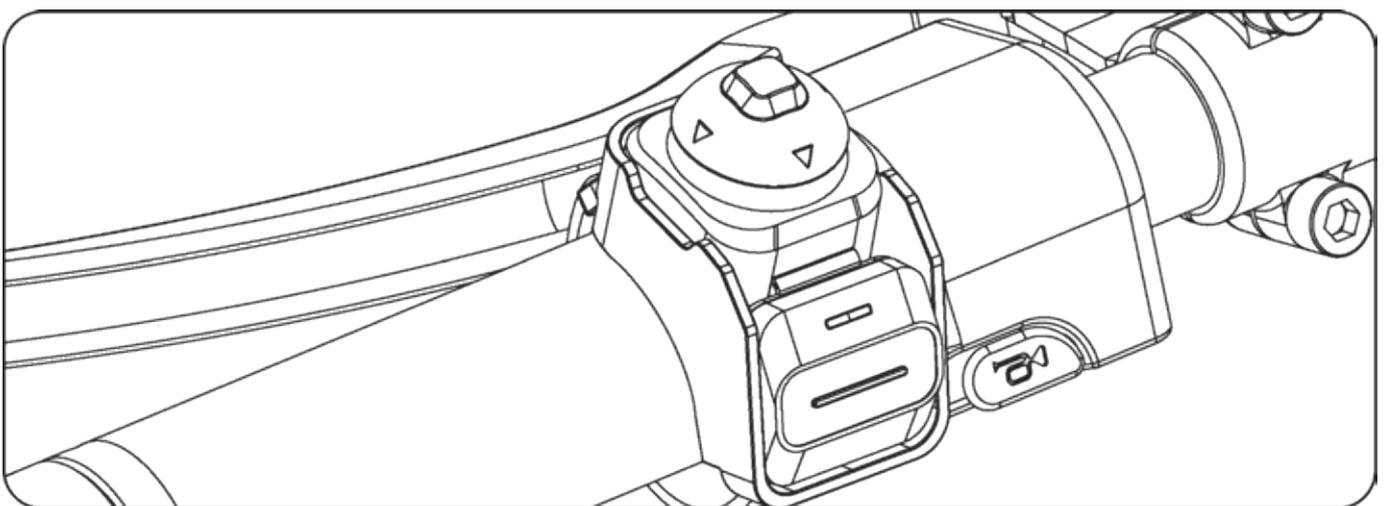
Start by mounting the TStick into the Strap mount bracket as shown below.

The velcro mount will keep the TStick stuck to the strap while the brackets keep it secure from moving during operation.



NOTE - THE FOUR WAY JOYSTICK MUST BE PLACED IN THE SIDE OF THE MOUNT WHERE THERE IS AN INDENT ON THE BRACKET

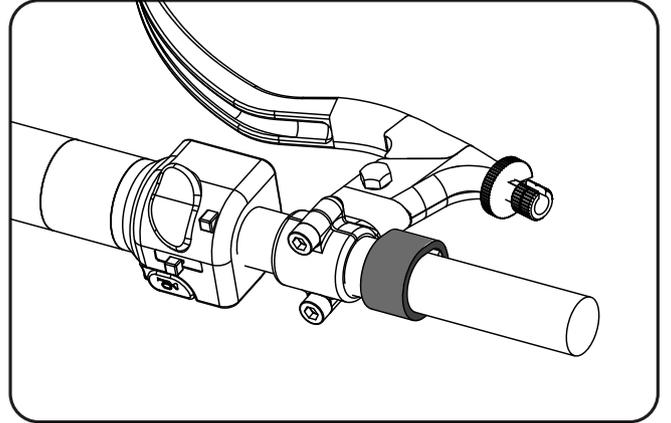
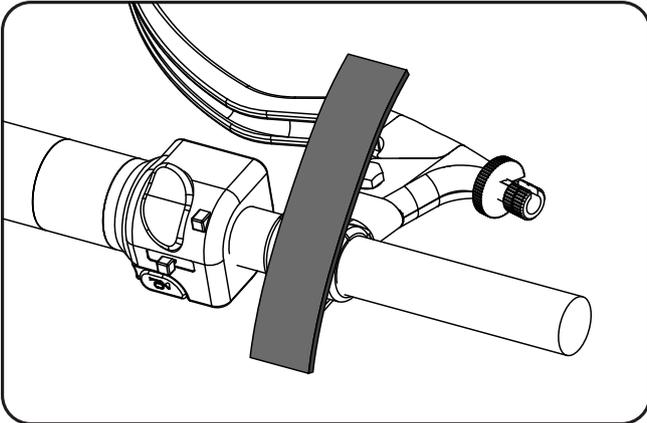
Choose a reachable spot on the handlebar or the handlebar grip and attach the strap mount



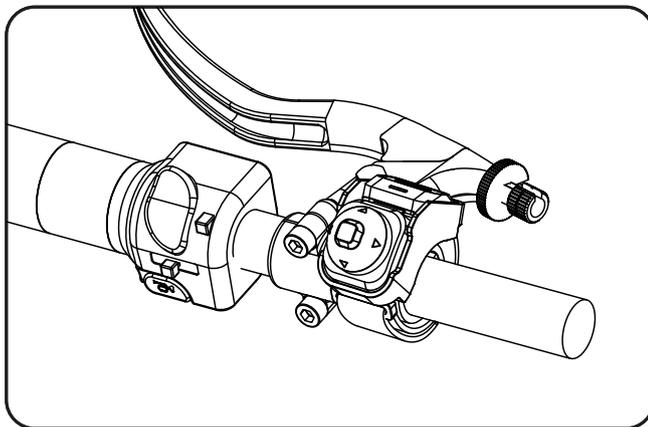
Choose your preferred orientation and set it in the BluArmor app while pairing the TStick to ensure correct button functions.



If you wish to mount the TStick on your handlebar with a smaller diameter than the handlegrip, use one or two silicone strip spacers as necessary to ensure a secure fit.



Place one or two Silicon Strip around the handlebar as needed.

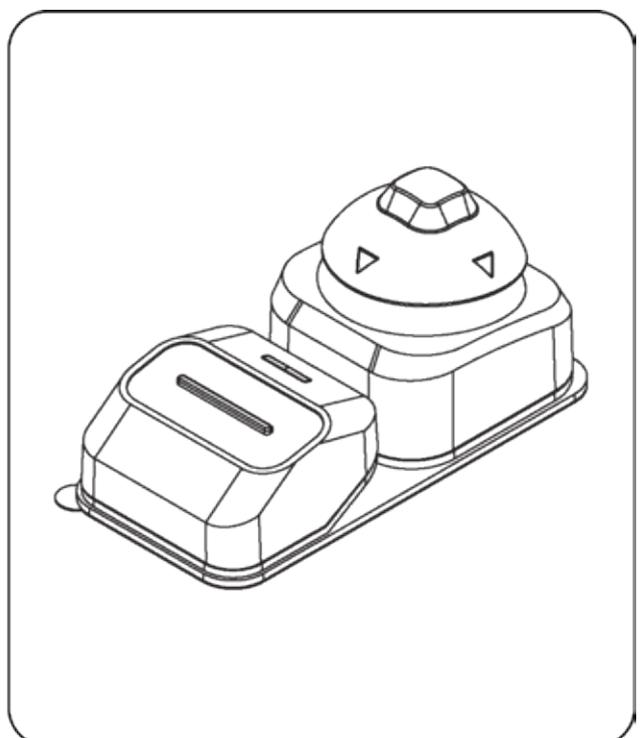
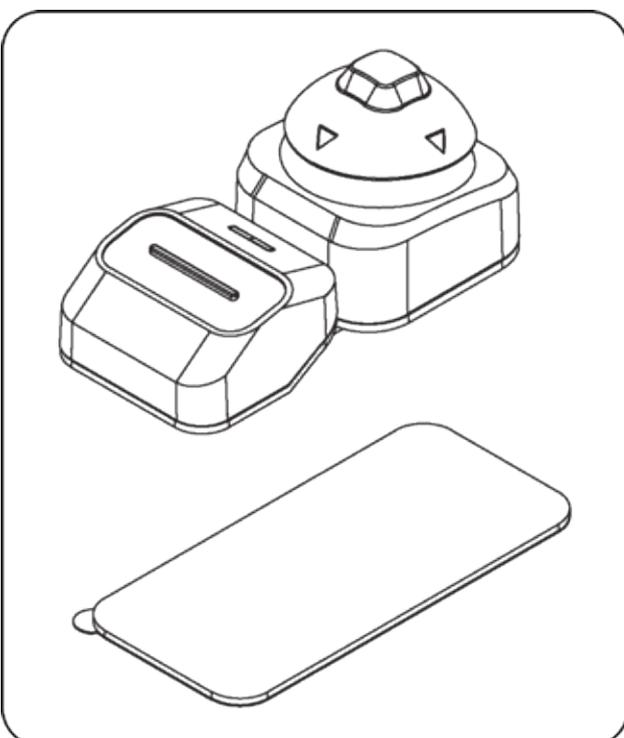


Now place the Stap Mount on the Silicon Strip for a snug and tight fit,

b - VELCRO MOUNT

The Velcro Mount can be used to mount the TStick on the tank/any other relatively flat surface that you might prefer.

- Clean the surface well, prior to sticking the mount.
- Peel off the red release liner of the velcro mount and stick it on the tank



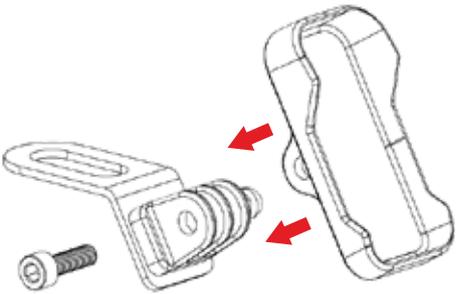
Stick the TStick on the velcro mount in any orientation comfortable and select the orientation on the app



C - CRADLE MOUNT

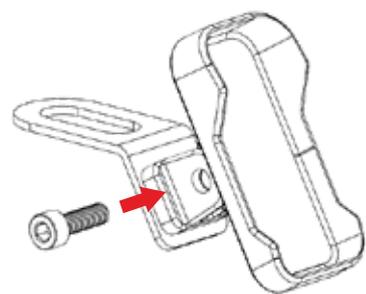
Follow the steps below to install the TStick Cradle on your motorcycle.

01



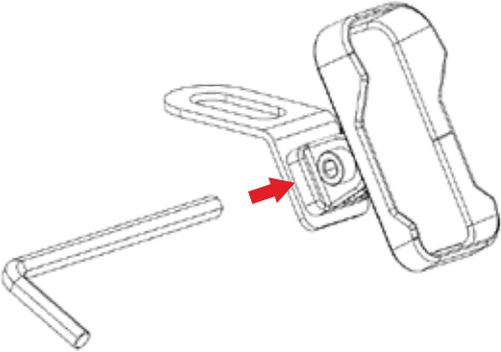
Insert the cradle into the flange

02



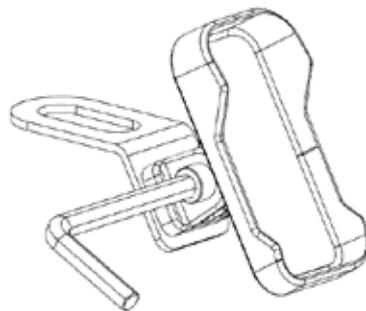
Insert the bolt into the groove

03



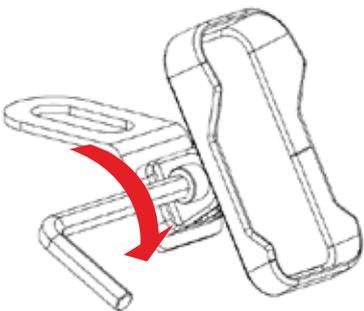
Insert the allen key into the bolt

04



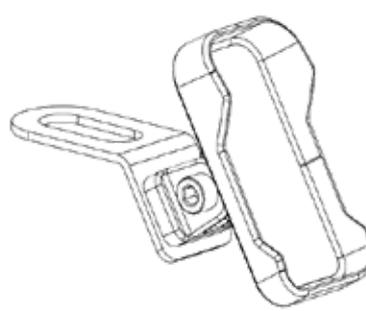
Ensure the allen key slots in correct

05



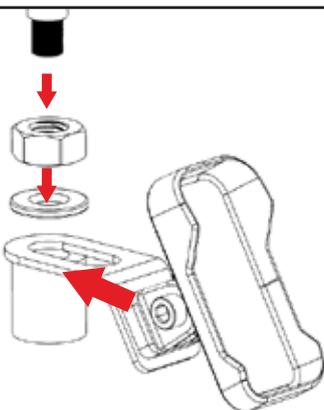
Tighten the bolt well

06



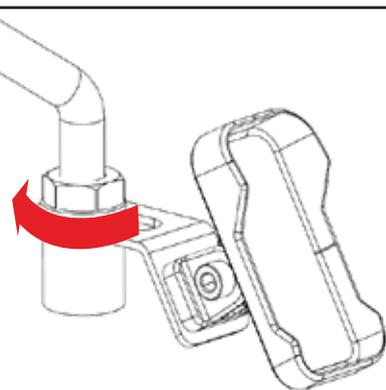
The cradle mount is now ready

07



- . Remove the mirror stem.
- . Place the flange and adjust the reach.
- . Ensure to place the washer between the flange and the mirror stem

08



Tighten the mirror stem nut

**You've reached the last page—clearly,
you're built for the long haul!**

