

# TERRANO

Helmet mounted headset  
bike-to-bike radio  
bike-to-mobile communication



User  
Guide

Thank you for choosing the Terrano-X. We hope you will enjoy riding with it safely. Your Terrano Team

## In the BOX

### The Terrano-X System Communication Device



- 1 Volume down (LED indicator) \*Previous track
  - 2 Mobile Phone- Receive/Reject/Pairing
  - 3 Volume up (LED indicator) \*Next track
  - 4 USB Port
  - 5 Channel A- Start/ End radio call/Pairing/ \*Play Music
  - 6 Channel B- Start/End radio call/Pairing
- \*Secondary function

#### Headset



- 1 Noise canceling microphone
- 2 Headset connector
- 3 Two HiFi speakers
- 4 Sticky straps



**Adhesive sticky tape strips**  
(4 large, 4 medium and 4 small)  
Use the large or medium to secure the Headset into the helmet, use the small one to hold the speakers wires on the helmet lining



**Microphone sponge**



**Alcohol Pad**



**USB charging cable**

#### Helmet Mount



- 1 Spoiler
- 2 Front flange
- 3 Connector holder and clips
- 4 Strap guide
- 5 Rear clips



**Spoiler**



**Long strap**



**Short buckle strap**

to secure the helmet Mount on top of the helmet

## Charging the Communication Device

Use the USB cable provided in the package to charge the communication device for at least 3 hours before initial use. Insert the USB cable mini-USB connector to the Communication Device USB port (4) and the other USB connector to any standard USB charging port.

While charging, the two Red LEDs (buttons 1 & 3) will turn on.

When charging is complete, the LEDs will turn off.



### IMPORTANT:

The Terrano-X is waterproof and dustproof (IP67 level). However, when in use, the silicone cover of the USB port should be kept tightly closed to prevent moisture from entering the device.



### Notes:

- You cannot charge the unit while the system is in use.
- Keep the Communication Device in the Helmet Mount while charging.
- A Multi-port USB hub is recommended for charging two devices or more at the same time.
- A portable charger power bank is a recommended for charging the device on the road.

### Battery Check

Press ⊕ (button 3) for two seconds and check the LED color

**BLUE:** Full charge

**PURPLE:** Half charge

Two **RED** flashes every three seconds = Low-battery



# Get to Know Your System

 **Power ON/ OFF**  
 Press for  (button 2) two seconds

On: Three **BLUE** flashes, Ascending tone    Off: Three **RED** flashes, Descending tone





 **Volume**

Tap  $\oplus$  or  $\ominus$  (buttons 1 & 3) to adjust and set volume of current audio source



 **Mute**

Tap  $\oplus$  and  $\ominus$  (buttons 1 & 3) simultaneously to mute your speakers

 **Automatic Volume for Adjusting Mode**  
 (Default: Enabled)

The Terrano-X unit has an automatic volume adjustment feature built-in ( AGC). To adjust the volume up or down according to ambient noise and wind speed.

Power off and then immediately power on the unit, press  $\ominus$  (button 1) for five seconds  
 Enabled: **BLUE** flash for two seconds    Disabled: **RED** flash for two seconds



 **Voice Activation (VOX) Sensitivity set**  
 (Default: Regular)

Regular: **BLUE** flash for two seconds    High: **PURPLE** flash for two seconds    Off: **RED** flash for two seconds





Voice activation can be customized to make it more or less sensitive.  
 Voice activation for Intercom calls can also be turned OFF.  
 You can choose between 'Regular' and 'High' sensitivity. If you experience difficulties starting a conversation, change the setting to 'High':  
 Power off and then power on the unit, press  $\oplus$  and  $\ominus$  (buttons 1 & 3) simultaneously for two seconds.

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# Setting Up Your System

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Terrano-X System; Helmet mounted Headset, bike-to-bike radio, bike-to-mobile communication. The System is comprised of three parts; Headset, Communication Device and a Helmet Mount.

The Communication Device connects with the Headset via the Helmet Mount.

The Communication Device could then be pre-connected (paired) with smartphone and with up to two other Terrano-x devices.

The set up process has five simple steps;

## Step 1

Place the Helmet Mount on top of the helmet using the long or the short straps (as may better fit your helmet design).

## Step 2

Secure the Headset (speakers and mic), using the tape strips provided, in the inner part of your biking helmet.

## Step 3

Connect the Headset brass connector to the Helmet Mount (cradle), snap the Communication Device on to the Helmet Mount.

## Step 4

Pre-connect (pair) the Communication Device with your smartphone Bluetooth channel.

## Step 5

Pre-connect (pair) the communication Device with another Terrano-X device.

## Set Up Step 1

Connect the Spoiler

### What You Need

1. Helmet



2. Helmet Mount



3. Spoiler



4. Short or long strap



### Spoiler

Deflect branches or other objects

#### Connect the Spoiler



#### Remove the Spoiler

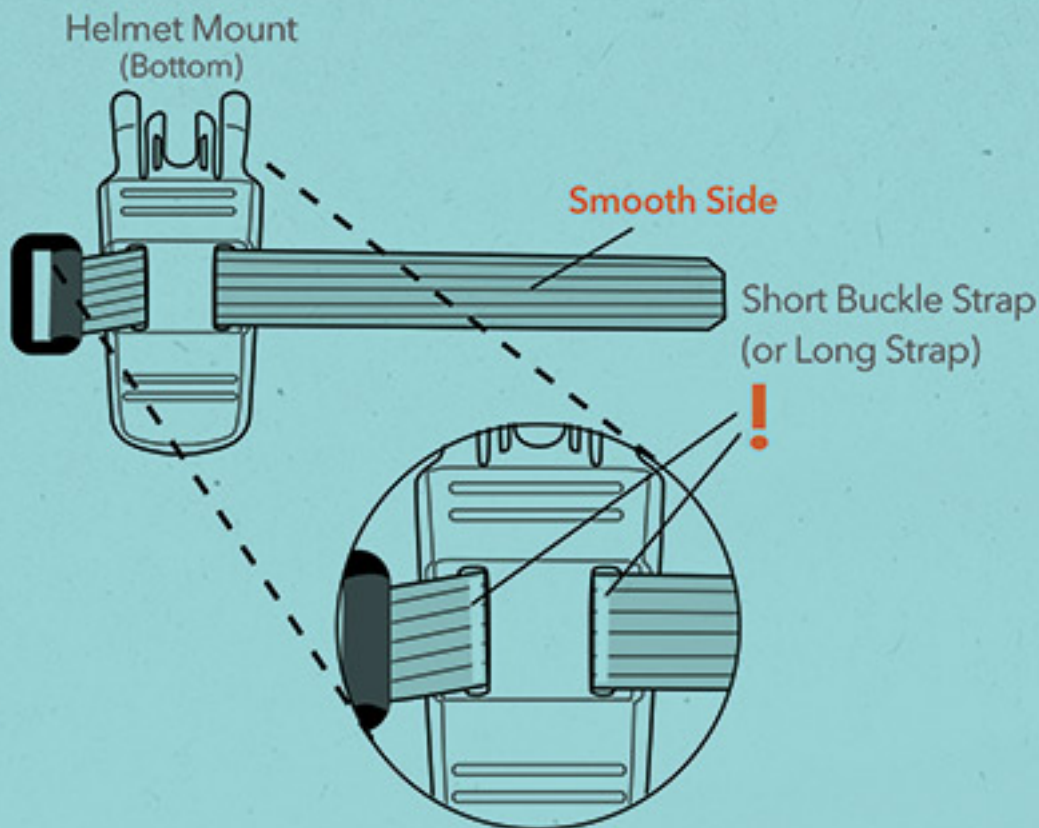


## Set Up Step 1

### Place the Helmet Mount On the Helmet

#### Step 1A

Select the strap suitable for where on your helmet you wish to place the Helmet Mount. Use the Long Strap if you wish to place it on top of the central vent. Use the Short Strap if you wish to place it on top of the central bar.

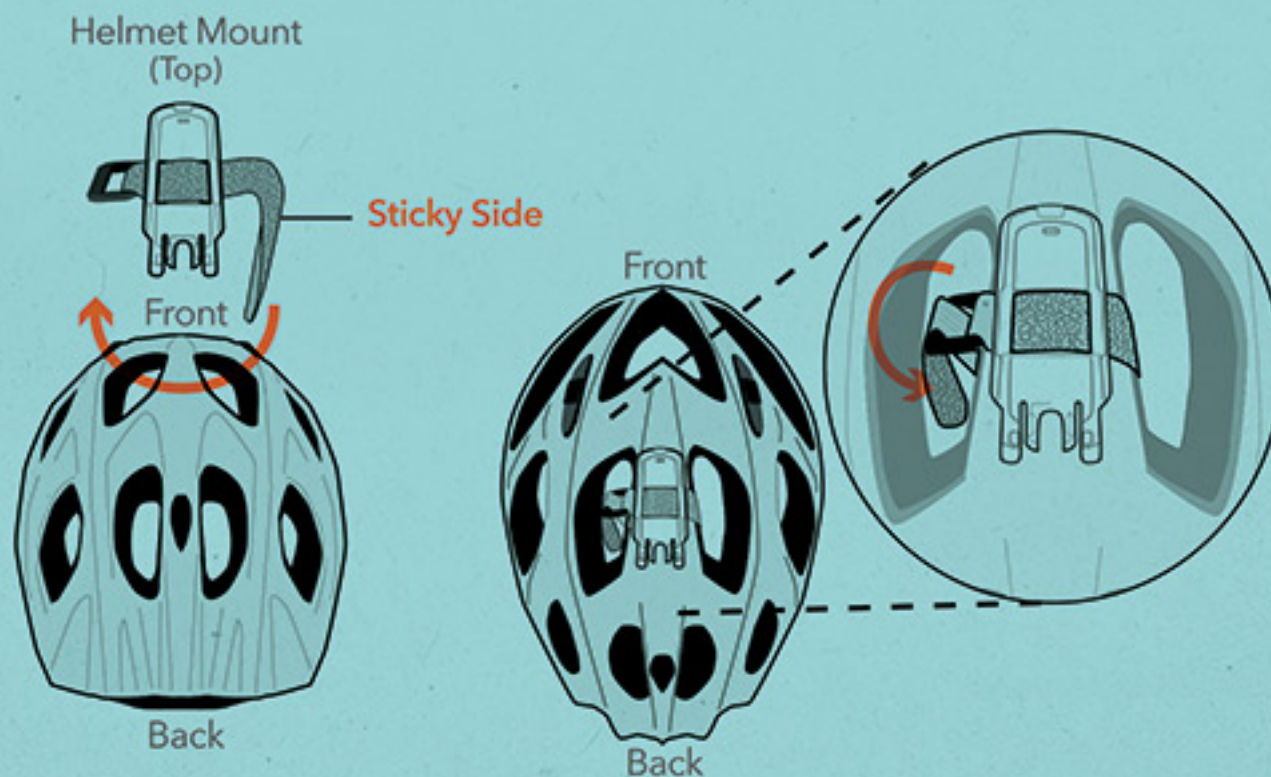


#### Step 1B

Insert the Short or Long Strap through the Strap guides in the Helmet Mount. Smooth side facing down. Flip the Helmet Mount so that the side of the connector holder

#### Step 1C

Place the Helmet Mount on Helmet and insert the strap through the vents.



#### Step 1D

Wrap the strap around and pull tight to lock it firmly in place.

**Note:** for best results place the Helmet Mount on the very top of the Helmet

# Set Up **Step 1** Using the optional Adhesive Plate

Glue the Helmet Mount On the Helmet

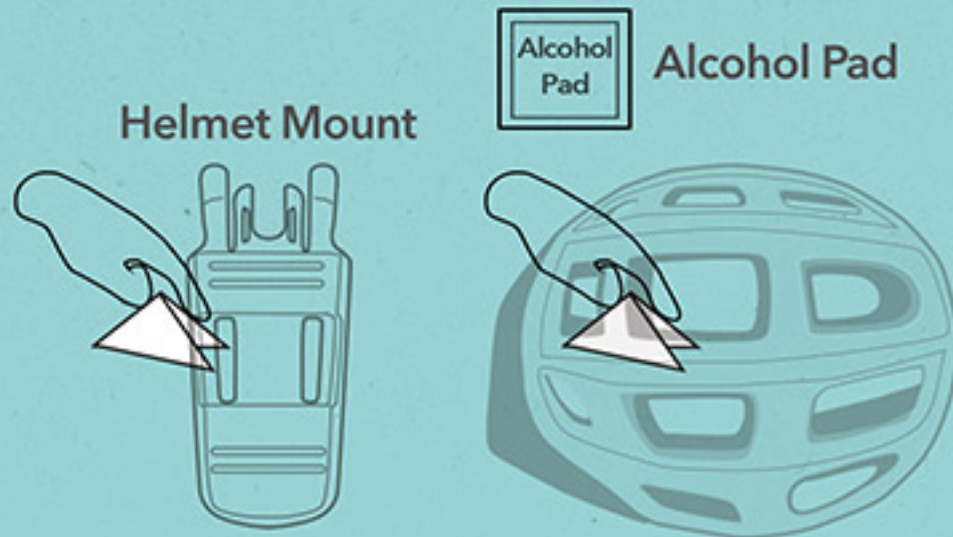


Adhesive Plate ( provided separately)

## Step 1A clean the surface

Using Alcohol pads clean (i) the Helmet surface at where the Helmet Mount is to be placed (ii) the Helmet Mount Plate.

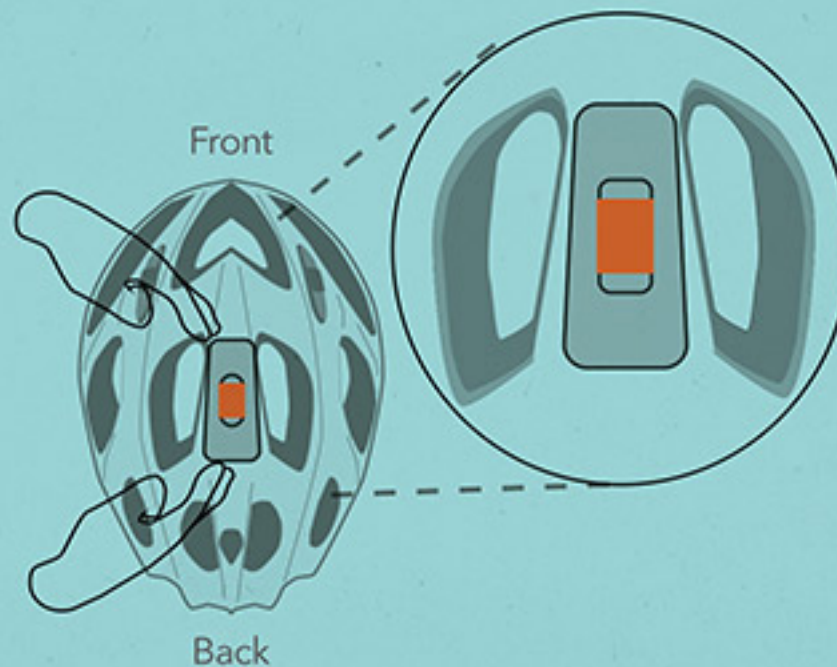
**Note;** for best results place the Helmet Mount at top of the helmet.



## Step 1B Glue the Adhesive Plate to the Helmet

Glue the Adhesive Plate to the cleaned helmet surface using push force.

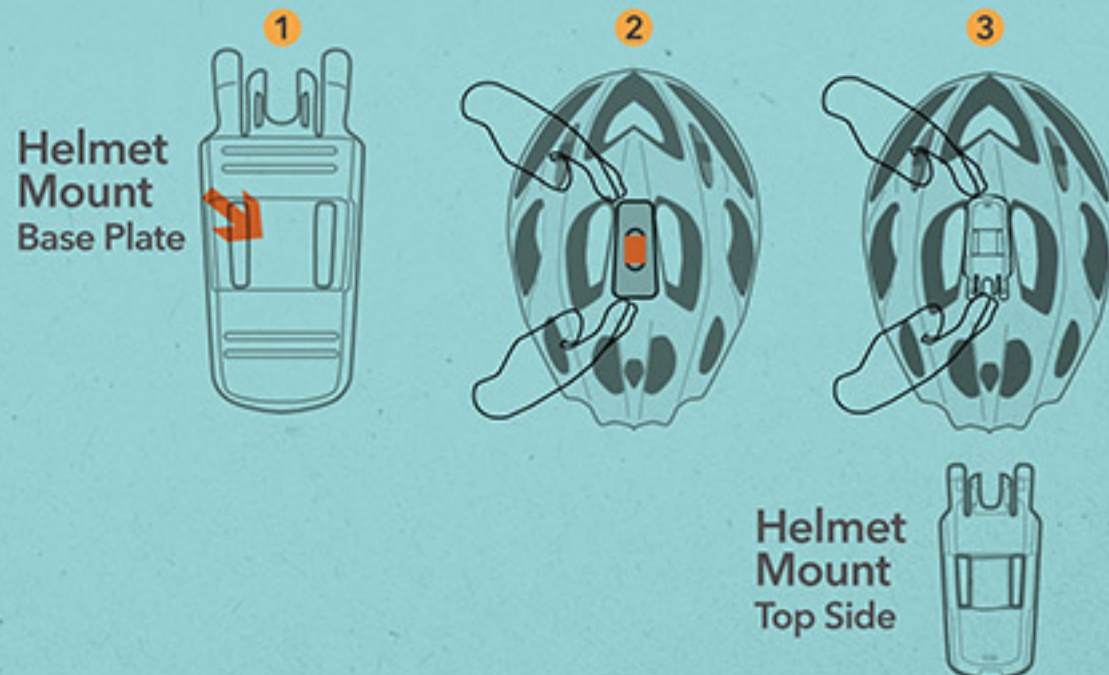
**Note;** Peel the bottom tape's protective paper beforehand.



## Step 1C Glue the Helmet Mount to the Adhesive Plate

Glue the Helmet Mount ( Cradle) Base Plate (1) on to the Adhesive Plate Top Tape (2), top side up, using push force.

**Note;** Peel the top tape's protective paper beforehand.



Continue to Set Up Step 2 as described in the Terrano on-line Manual



## Set Up Step 2

Secure the Headset inside the Helmet

### What You Need

1. Helmet



2. Headset



3. Sticky tape strips (large, medium and small)



4. Alcohol Pad



**Step 2A** remove any existing stickers in the helmet inner back side.

**Step 2B** Use the Alcohol Pad to clean the exact spot on the helmet.

**Step 2C** Use the Large or Mid-size adhesive sticky tape strips, as may better fit your helmet size. Glue the tape strips to the back side of the helmet (see Image 1).

**Step 3D** Inset the headset sticky straps between the helmet inner fit pad and the helmet body.

### Inner Helmet View

Image 1  
Front



**Step 2E** Attach the headset sticky strap to the tape strips and adjust so the speakers position will fit just about the center of your ears (see Image 2).

**Step 2F** Pass the Headset Connector through the helmet vents (see Image 3) in order for the connector to reach the back side of the Helmet Mount on the outer side of the helmet.

**Step 2G** Use the small adhesive sticky tape strips to hold the speakers' wires in place inside the helmet.

Image 2  
Front



Back

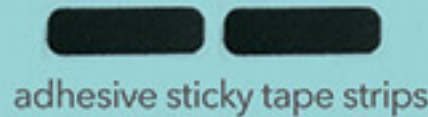
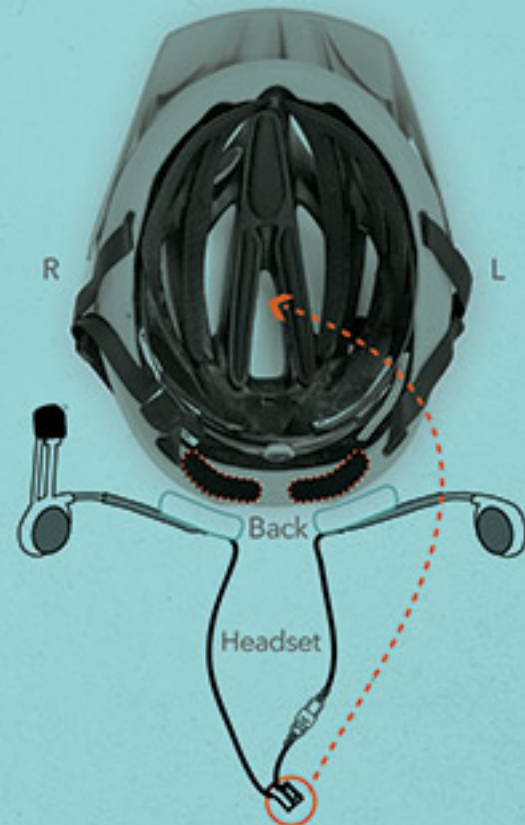


Image 3  
Front



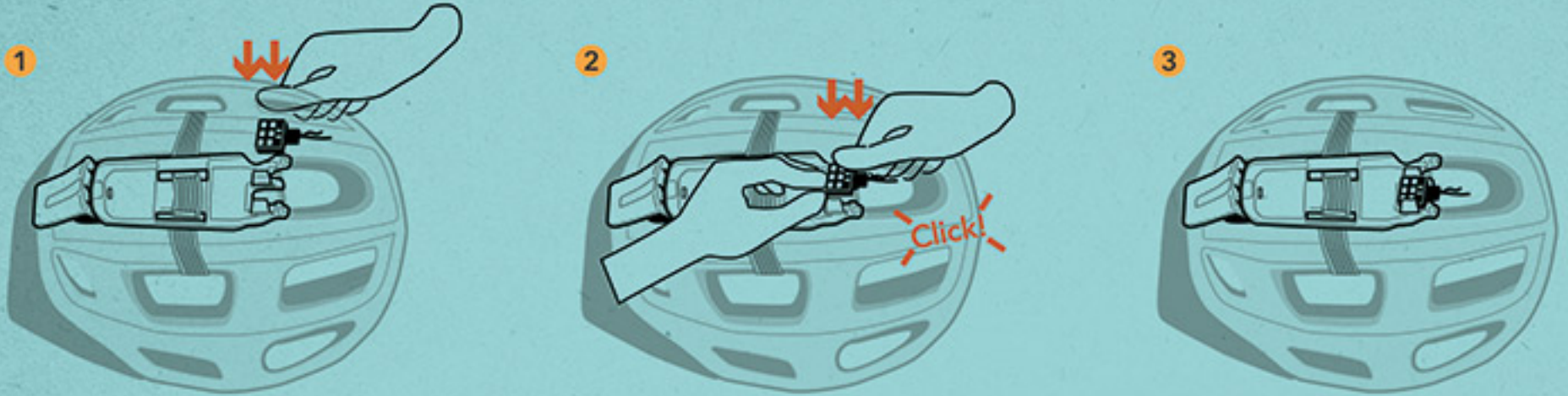
### Final Headset Position



## Set Up Step 3

Connect the Communication Device to the Headset

**Step 3A** Insert the headset connector into the connector holder at the rear part of the Helmet Mount. Make sure it is firmly secured by both clips.



### Step 3B Snap the Communication Device onto the Helmet Mount

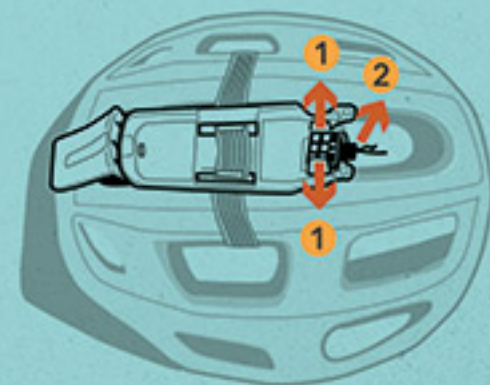
Slide the Communication Device into the Helmet Mount; front side first and snap it in place by pressing on the rear side. Check that the Communication Device front side is secured into the front flange and both rear clips are firmly in place.



To Release the Communication Device



To Release the Headset Connector

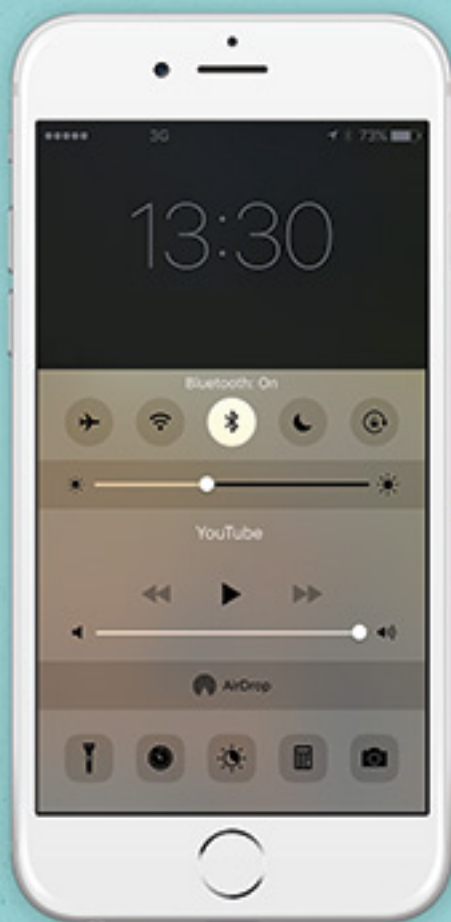


## Set Up Step 4

Pre-connect (pair) with your Smartphone

### Pairing instructions

1. Power on the Mobile phone/ Bluetooth Music device and make sure the Bluetooth is enabled.
2. Power on the Terrano-X device pressing and holding the mobile phone button for two seconds.
3. On the Terrano-X device press and hold the mobile phone button until you see rapidly flashing **RED** and **BLUE** alternating lights. The Terrano-X will flash **RED** first. Continue to hold down the Mobile Phone button until you see the alternating **RED** and **BLUE** lights.
4. Search for Bluetooth devices from the Mobile Phone/MP3 player.
5. After a few seconds the Terrano-X will appear as a discovered device. Select it. If prompted for a pin or passkey/pass code, enter 0000 (four zeros).
6. Your Mobile Phone or Bluetooth Music Device will confirm the pairing was successful.



## Set Up Step 5

### Pre-connect with another Terrano-X Device

The Terrano-X gives you smooth and continuous radio intercom communication with other riders at a range of up to 1,640 ft. / 500 m (subject to terrain).

To communicate with another Terrano-X user via full-duplex radio, first pre-connect (pair) the Terrano-X devices to each other. Pairing is a one-time process. Once paired, the Terrano-X devices will automatically recognize each other whenever they are at close range.



Decide if you wish to pair the units on Channel A or B. If you intend to connect just one more unit we recommend pairing on Channel B. For the third unit use Channel A. If you have purchased the double pack, both units are factory-paired to communicate via Channel A.

#### Pre-connecting on Channel A



- Make sure the units are near each other.
- Power on the units.
- Press A (button 5) on the first unit until the LEDs begin flashing **RED** rapidly (about five seconds), immediately repeat the process for the second unit.
- The LEDs will turn into solid **RED** for two seconds, indicated pairing completed successfully.




#### Pre-connecting on Channel B





- Make sure the units are near each other.
- Power on the units.
- Press B (button 6) on the first unit until the LEDs begin flashing **BLUE** rapidly (about five seconds), immediately repeat the process for the second unit.
- The LEDs will turn into solid **BLUE** for two seconds, indicated pairing completed successfully.

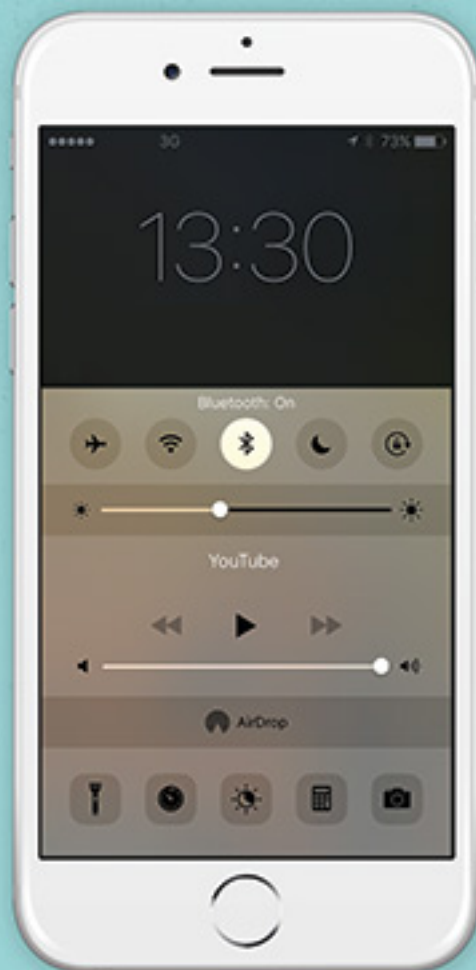
## Using Your Smartphone

### Getting a Phone call

- Answer a call Tap  (button 2) or speak any word loudly into the microphone
- Reject a call Remain silent for 15 seconds, or press  for two seconds
- End a call Tap 





### Radio Conference Mode

- Add or Remove Rider A or B to/from a phone call Press  or  (button 5 or 6) during the phone call



### Listening to Music

Control available from most smartphones and music players.

- ▶ Play Press  (button 5) until you hear a second click sound, about two seconds
- ⏸ Pause/⏹ Stop Press  (button 5) until you hear a second click sound, about two seconds
- ▶ Next track Press  (button 3) for two seconds
- ◀ Previous track\* Press  (button 1) for two seconds

\*With some Smartphones this function will bring you to the beginning of the current track

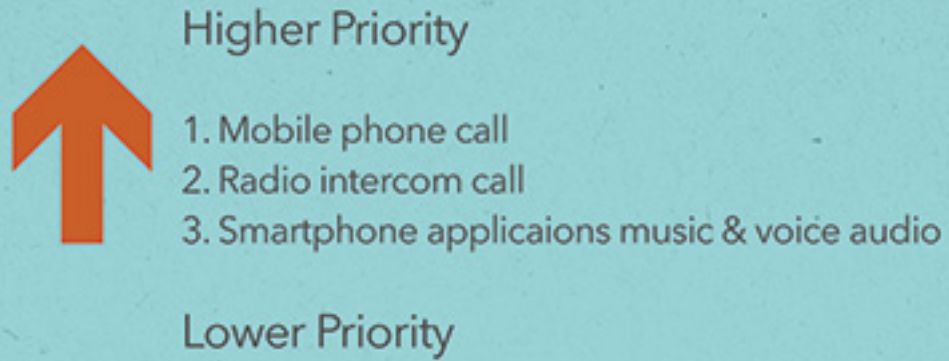


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## Audio Sources and Priorities

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If two connected audio sources try to play audio simultaneously, the TERRANO-X automatically determines which to play through the speakers based on the priority of the connected devices.



- Incoming phone call (once accepted) will interrupt ongoing radio intercom call
- Radio intercom call will interrupt the smartphone applications music & voice audio

**Busy Tone:** If you are on a mobile call, and a radio intercom call is being initiated by your riding partners both of you will hear a busy tone (rapid double beep).

## Activating/Ending Radio Intercom



- 5 Channel A Button
- 6 Channel B Button

Channel A: Press (A) (button 5) firmly till you hear a click sound. Press again to close connection

Channel B: Press (B) (button 6) firmly till you hear a click sound. Press again to close connection

Intercom calls activated by button press remain open until closed manually.

**Note:** Either user can activate or end the intercom call, the first to press will open the call and any subsequent press by either user will end the call.

### Optional Voice Connect

To start Conference Call on Channel A and B say any word loudly into the microphone

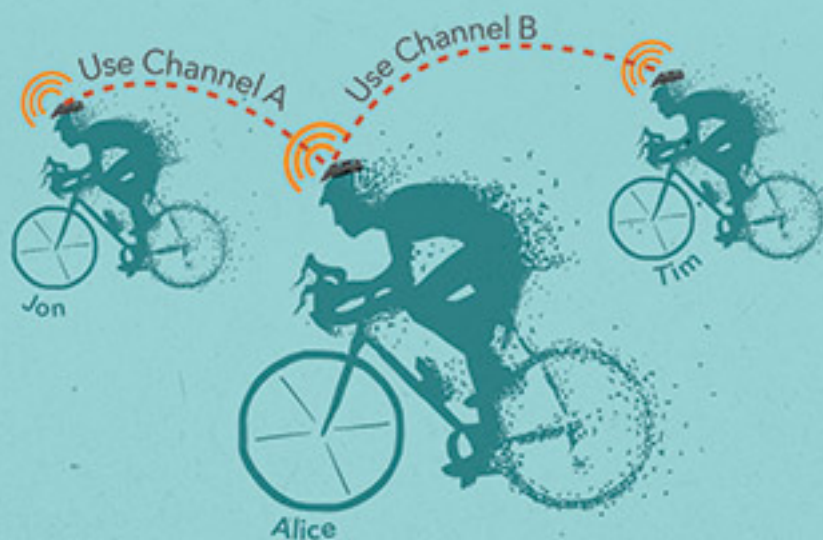
Note: Call ends automatically after 30 seconds of silence.

Voice Connect will activate intercom with channels A and B if both partners are available.

**BE PATIENT** It would take few seconds to the intercom call to be established.

## Three-Way Radio Conference

In this scenario, Alice is the 'bridge' connection between Jon and Tim



To activate this conference, Alice would need to activate the intercom with Jon and Tim using the button press method to each channel (A and B) or using Voice Connect. When Alice activates the intercom with channels A and B, this will create a three-way intercom conference

### IMPORTANT: Three-Way Conference Mode Considerations

When in Intercom Conference mode with two other participants, the bridge unit, in this example Alice's unit, will not be able to receive mobile phone calls or mobile music and apps voice, as long as the conference call is in progress.

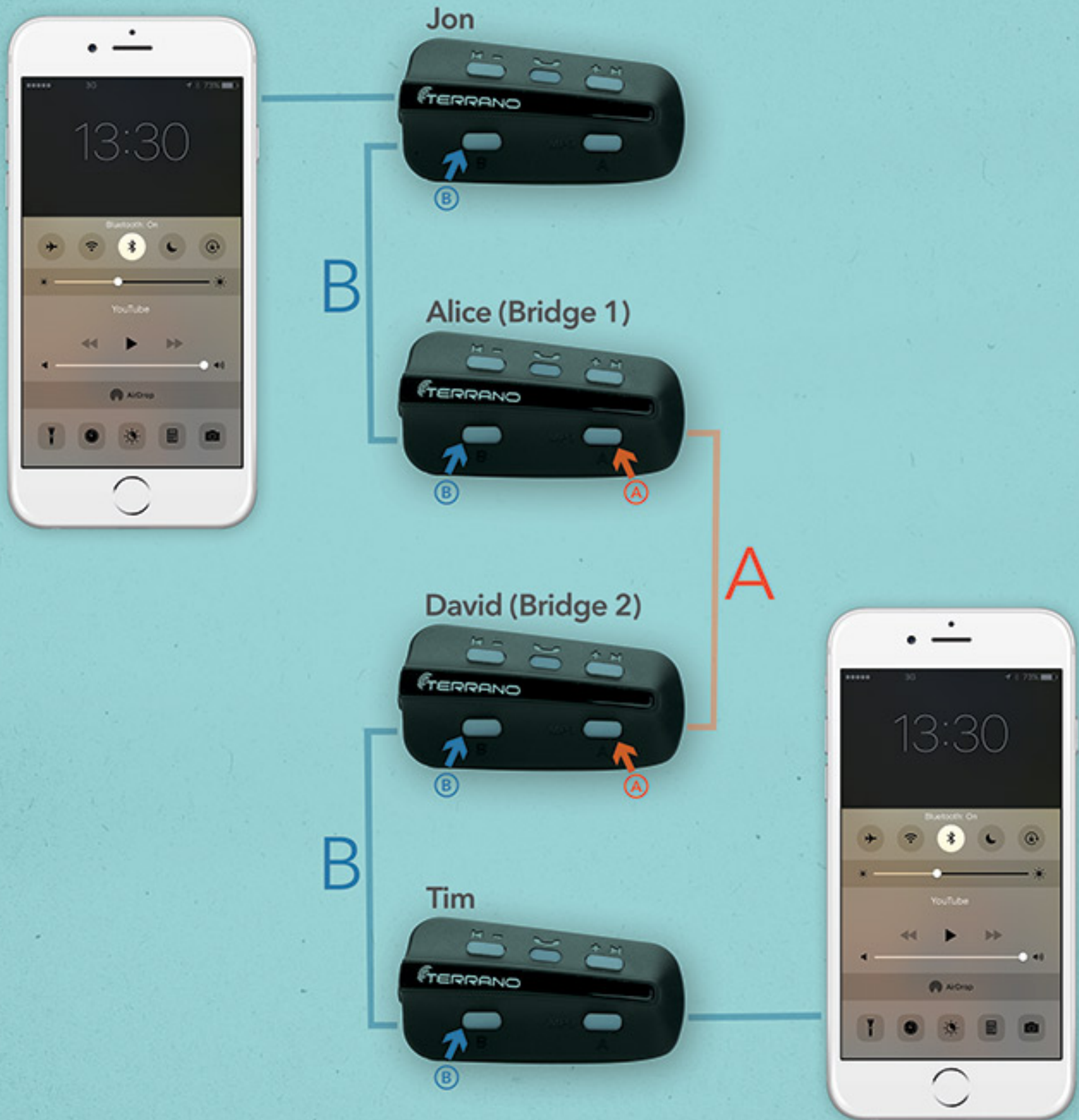
**Note:** If riding in file, for optimal results, the bridge unit should be the unit of the middle rider.

## Four-Way Radio Conference

In this scenario, Alice and David are the 'bridge' connections between Jon and Tim.

To activate this conference, Alice and Tim would first need to activate the intercom with their channel B partners (Jon and Tim) by performing a quick press and release of the B button on their devices.

This will create two separate conversations between Alice and Jon; and David and Tim. Then, Alice or David would need to perform a quick press and release of the A button from one of their devices. This will bring the two separate conversations together, creating a four-way intercom conference



### IMPORTANT: Four-Way Conference Mode Considerations

When in Intercom Conference mode with two other participants, the bridge units, in this example Alice's unit and David's unit will not be able to receive mobile phone calls or mobile music and apps voice, as long as the conference call is in progress.

**Note:** for optimal results units connection's order should mirror the riding file order.



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## Troubleshooting

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### Audio Diagnostic

If you cannot hear audio from one of the speakers or voice from the microphone check for the following in that order;


1. Insure that the Communication Device is properly secured in the Helmet Mount.
2. Check that the Helmet Mount is not damaged and the rear clips are not broken.
3. Check that both rear clips are in place and firmly holding the Communication Device.
4. Remove the Communication Device and inspect that the Helmet Mount straps are well secured in place and inserted through the strap guides.
5. Check that the strap flap is not reinserted in the strap guides.
6. Check that headset brass connectors are clean. If needed use a bit of rubbing alcohol to clean them up.
7. If you have dual set, swap the Communication Devices between the helmets  
If the problem now manifested itself in the other helmet then check the Communication Device:  
(i) Make sure that the Communication Device is fully charged. (ii) Reset the Communication Device to its factory setting.
8. If the problem remains and you have gone through all the steps above, email Terrano support team with detailed description of issue and the steps taken so far.

### Reset


To reset the communication Device;

1. Turn it off and then on again (press  (button 2) for two seconds).



2. Immediately press  (button 2) for six seconds until the LEDs start flash **RED/BLUE**.



3. Press  (button 3) for two seconds until LED flashes five times in **PURPLE**.



Note: Reset will delete all paired devices. You will need to pair the devices again following the reset operation.

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## Contact Us

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# Notices

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## **Federal Communications Commission (FCC) / Industry Canada (IC) Statement**

### **15.21**

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

### **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 / IC 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 radio/TV technician for help.

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.

## **FCC/IC RF Radiation Exposure Statement:**

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. The antenna used for this transmitter must not transmit simultaneously with any other antenna or transmitter, except in accordance with FCC / IC multi-transmitter product procedures.

## **European CE Notice**

Your Terrano-X (the "Product") is in conformity with the following essential requirements of Council Directive 1999/5/EC (referred to as R&TTE Directive): Articles 3.1a, 3.1.b and 3.2. The Product is manufactured in accordance with Annex II of the above directive.

### **Declaration of Conformity (DOC)**

The Terrano-X is compliant with and adopts the Bluetooth® Specification 2.1 and has successfully passed all interoperability tests that are specified in the Bluetooth® specification. However, interoperability between the device and other Bluetooth®-enabled products is not guaranteed.

### **IMPORTANT SAFETY INFORMATION - WAIVER AND GENERAL RELEASE**

#### **WARNING**

Terrano Systems Inc., ("Terrano" or the "Company") notifies you that your complete and undivided attention is required when using a communication device (the "Product") while riding. Failure to avoid potentially hazardous situations could result in accident resulting in serious injury or death.

Terrano advises you to take all necessary precautions and remain alert to the traffic, weather and all road conditions. It is best to stop away from traffic prior to activating or deactivating the Product or initiating or receiving any calls.

Do not perform pairing, linking or similar operations while riding. All publications are intended to address technical capabilities and should not be construed as encouraging the operation of Terrano's Products in any manner that is unsafe or prohibited by law. Exercise all due caution while using this Product and obey all applicable traffic laws. Always ride and use the Product in a safe manner. Do not become distracted by the Product while riding on a vehicle. When riding, always consider road, traffic, terrain and other conditions to maximize safety. Do not operate the Product if it becomes unsafe to do so.

In some regions or states, the use of mobile communications systems is prohibited or restricted. Check all laws and regulations that apply to your region before using the Product and be mindful that compliance with all laws and regulations is the user's responsibility. Use the Product in motion only where and in the manner that such devices are permitted by applicable law. The Product should not be used in contravention of local, state or federal laws and regulations. Please check federal, state and local laws and regulations before using your Terrano Product.

No part of the body should come in contact with the antenna during operation of the equipment. Use Product only where safe, and avoid usage at gas stations, fuel depots or around explosives. Use with hearing aids and medical devices only after consulting a physician or specialist. Make sure to install and mount the Product in a stable manner.

#### **HEALTH WARNINGS**

##### **Hearing Loss**

Audio devices can cause hearing loss. Employ care and avoid exposure to excessive volume levels that may damage or impair hearing or lead to hearing loss. Permanent hearing loss may occur if Products are used at high volume for prolonged periods of time.

##### **RF Signals**

Most electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals emanating from your wireless equipment.

##### **Pacemakers**

The Health Industry Manufacturers Association recommends that a minimum separation of about six inches (or 16 cm) to be maintained between a mobile phone or wireless device and a pacemaker to avoid potential interference with the pacemaker. Be sure not to interfere with the functionality of personal medical devices.

##### **Hearing Aids**

Some devices may interfere with certain hearing aids. In the event of such interference, you should consult your hearing aid manufacturer to discuss alternatives.

##### **Other Medical Devices**

If you use any other personal medical device, consult the manufacturer of your device and/ or your physician to determine if it is adequately shielded from interference caused by external RF energy. Your physician may be able to assist you in obtaining this information.

## LIMITED WARRANTY

Subject to the applicable laws and regulations in your jurisdiction, your Product is covered by a Two-Year Limited product warranty from the date of original purchase. Please retain the retail sales receipt for proof of purchase.

Subject to the aforementioned, Terrano hereby represents that this Product is warranted to be free from defects in materials or workmanship (proof of purchase required). Within the subject period, Terrano will, at its sole option, repair or replace any components that fail in normal use. Such repairs or replacements will be made at no charge to the customer for parts or labor, provided that the customer shall be responsible for any shipping cost. This warranty does not cover failures due to abuse, misuse, accident or unauthorized alteration or repairs.

This Product is intended to be used only as a communication and entertainment device and should not be used in any location or jurisdiction where its use is prohibited.

THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY LIABILITY ARISING UNDER ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, STATUTORY OR OTHERWISE THAT Terrano SPECIFICALLY DISCLAIMS. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS WHICH MAY VARY FROM STATE TO STATE OR FROM JURISDICTION TO JURISDICTION. Terrano MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED BEYOND THOSE STATED SPECIFICALLY HEREIN. THIS WARRANTY IS EXTENDED BY Terrano SOLELY TO THE ORIGINAL PURCHASER AND IS NOT ASSIGNABLE OR TRANSFERABLE TO OTHERS. Terrano ASSUMES NO OBLIGATION OR LIABILITY FOR ADDITIONS OR MODIFICATIONS TO THIS WARRANTY UNLESS MADE IN WRITING AND SIGNED BY AN OFFICER OF THE COMPANY.

Batteries are warranted only if the battery capacity falls below 50% of rated capacity or if the battery develops leakage.

**IMPORTANT:** Do not store your Terrano-X without charging it from time to time for periods in excess of six months, as this may cause irreversible damage to the capacity of your battery. Your warranty will not cover such events.

This warranty also becomes void if:

- a. any of the seals on the case or battery are broken or Product or battery show signs of tampering,
- b. the battery is used in equipment other than the equipment for which it was intended.
- c. the Product is used in contravention of its intended purpose
- d. the Product was purchased from online auctions

## Not covered by the warranty

1. Defects or damage resulting from the use of this Product in other than its normal and customary manner.
2. Defects or damage from misuse, accident or neglect.
3. Defects caused by improper operation, maintenance, installation, adjustment or modification of any kind (incl. long-term storage without periodic charging of the battery).
4. Products opened, disassembled or repaired by non-authorized parties.
5. Defects or damage due to exposure to excessive temperatures, adverse weather conditions, external impacts or spills of food or liquid.
6. All plastic surfaces and all other externally exposed parts that are scratched or damaged after purchase.

## Disclaimer of Warranty

Terrano DISCLAIMS ALL EXPRESS AND IMPLIED WARRANTIES WITH REGARD TO THE ENCLOSED DEVICE, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. THE DEVICE AND ITS ACCESSORIES ARE PROVIDED "AS IS" AND "AS AVAILABLE" WITHOUT WARRANTY OF ANY KIND BEYOND THOSE ASSUMED IN THE ENCLOSED MANUAL.

## LIMITATION OF LIABILITY

IN NO EVENT SHALL Terrano BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCT, OR FOR ANY DAMAGES WHATSOEVER RESULTING FROM THE USE OF THE PRODUCT, WHETHER BASED ON BREACH OF CONTRACT,

TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY OR OTHERWISE EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. YOU ACKNOWLEDGE AND AGREE THAT THE LIMITATIONS SET FORTH ABOVE ARE FUNDAMENTAL ELEMENTS OF THIS AGREEMENT TO WHICH YOU CONSENT AND WITHOUT WHICH THE PRODUCT WOULD NOT BE PROVIDED TO YOU ABSENT SUCH LIMITATIONS. SOME STATES DO NOT ALLOW CERTAIN EXCLUSIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

Terrano retains the exclusive right to repair or replace (with a new or newly-refurbished replacement Product) the device or software or give a refund of the purchase price at its sole discretion. SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY.

#### **WAIVER AND GENERAL RELEASE**

By using the Product, you will waive substantial legal rights including the right to sue. Please read the following carefully before using the Product.

By using the Product, you are irrevocably releasing, indemnifying from any liability, loss, claim and expense (including attorneys fees) and holding Terrano harmless for any bodily injuries, harm or death as well as losses or damages in goods, to any vehicles including your own, or to any property or asset that belong to you or to third parties, any of which may result from using the Product under any circumstances or conditions and irrespective of jurisdiction.

1. You, your heirs, legal representatives, successors or assigns, hereby voluntarily and forever release, discharge, indemnify and hold harmless Terrano from any and all litigation, claims, debts, demands, actions and liability which may arise, directly or indirectly, from using the Product for any distress, pain, suffering, discomfort, loss, injury, death, damages to or in respect to any person or property however caused, WHETHER ARISING FROM THE NEGLIGENCE OR OTHERWISE, and which may hereafter accrue to you on some future date as a result of said use, to the fullest extent permitted by law.

2. You fully understand and assume the risks in using the Product, including risk of negligent acts or omissions by others. All risks for operating the Product are assumed solely by the user of the Product.

3. You confirm that you are physically capable to use the Product and that you have no medical conditions or needs that may infringe upon your abilities to do so in a safe manner. You further confirm that you will not consume any alcohol that may affect your alertness or any mind-altering substance, and will not carry, use or consume these substances before or during the use of the Product.

4. You fully acknowledge our warnings and understand that:

(a) risks exist in using the Product while in traffic, including but not limited to injury or illness, strains, fractures, partial and/or total paralysis, death or other ailments that could cause serious disability;

(b) these risks may be caused by the negligence of the manufacturers or its agents or any third party involved in the Product;

(c) these risks and dangers may arise from foreseeable or unforeseeable causes.

You hereby assume all risks and dangers and all responsibility for any losses and/or damages, whether caused in whole or in part by the negligence or other conduct of others, including Terrano.

5. By using the Product, you confirm that you have read this release of liability and fully understand and accept its terms and conditions.