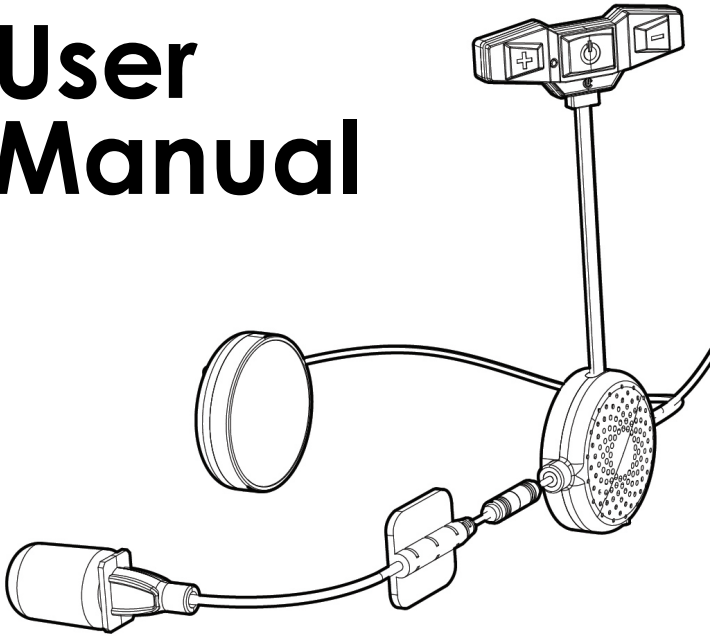
UCLEAR
DIGITAL

AMP NANO

User Manual



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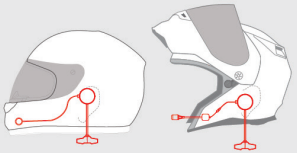
2. Box Contents

	Item	Quantity
1	Control Unit	1
2	Speakers	2
3	Boom Microphone	1
4	Line Microphone	1
5	Charging Cable	1
6	Quick Start Guide	1

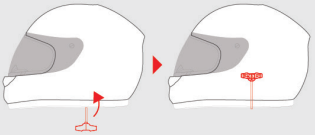
3. Installation Guide

MIC/ SPEAKER INSTALLATION



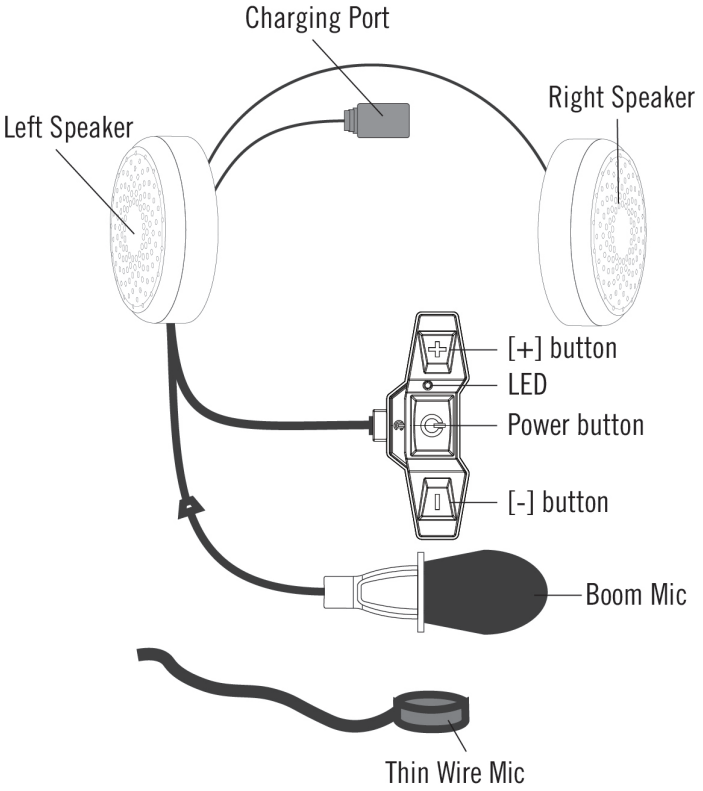
- You may choose to install the thin wire mic or boom mic, depending on type of helmet.
- For speaker installation, please adjust the center of speakers directly over ear canals.

CONTROL PANEL INSTALLATION



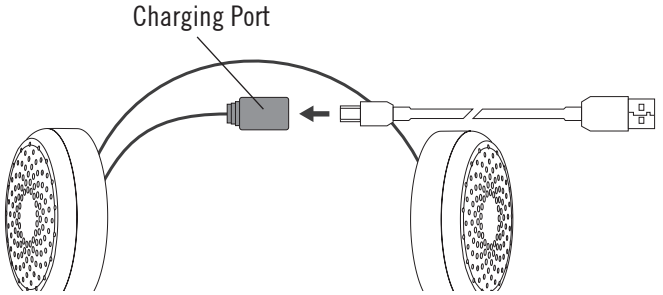
- Ensure the mounting area is clean of dust or oils.
- Then peel of the protective film from adhensive and press down hard.

4. Panel Overview



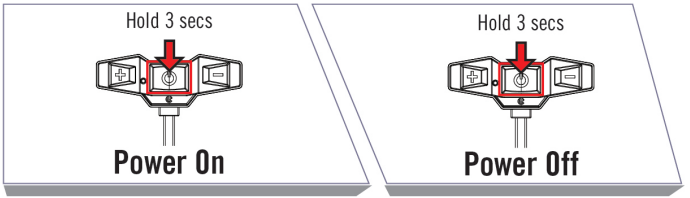
5. Charging

Please charge the headset before use.



LED will light up in solid red during charging, blue when fully charged.

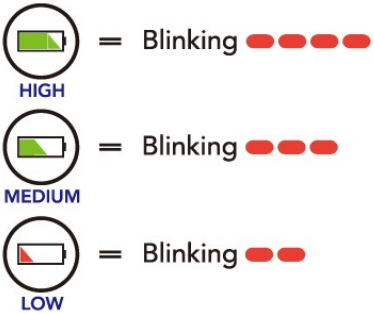
6. Power On/ Off



Please press and hold the ‘power’ button 3 seconds to turn on or off the headset.

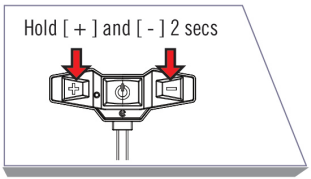
7. Battery Level

When the unit is powered on, the red LED will blink between 2 to 4 times to indicate the battery level.



8. Mobile Phone Pairing

The headset can be connected to Bluetooth enabled audio gateway such as mobile phone, GPS navigator, MP3 player or two way radio.



To connect the headset with mobile phone for the first time, you must pair it to the mobile phone.

Please follow steps below to do the pairing

1. Turn on the headset
2. Press the '+' and '-' 2 seconds until red and blue LED blink alternately.
3. On your mobile phone, search and select Bluetooth device "AMP Nano".

If the mobile phone prompts user to key in a 4 digit PIN for the pairing,

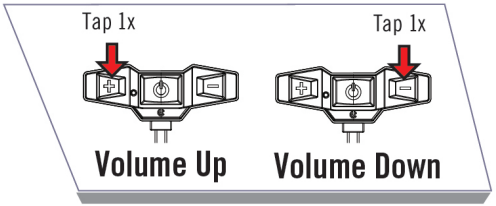
please enter '0000'.

Note: You only need to do the pairing process once. You do not need to pair again on your next use.

The headset can be connected to 2 mobile phones simultaneously. Each time the unit is powered on, it will auto connect to the last 2 paired mobile phones.

If the headset is unconnected for 3 minutes, it will shut down automatically.

9. Volume Control

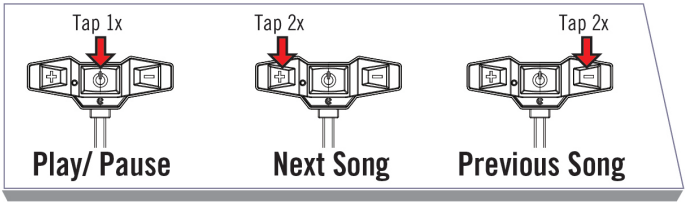


Please tap the '+' or '-' button once to adjust the speaker volume.

The same button will work for music, phone call and intercom, independent volume setting is maintained in each mode.

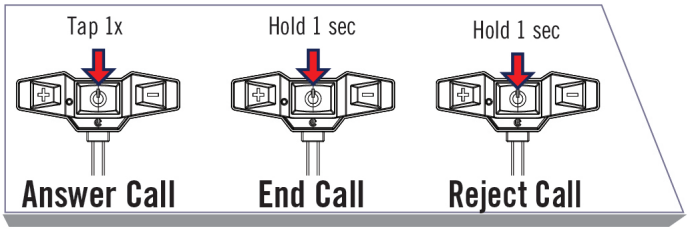
10. Music Function

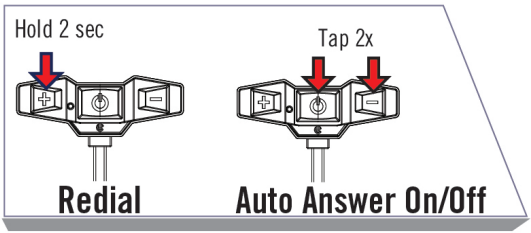
Please follow illustrations below for music control functions.



11. Phone Call Function

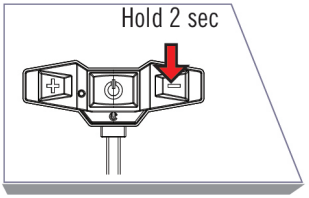
Please follow illustrations below for music control functions.





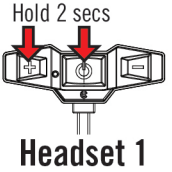
12. Activate Siri/Google Voice Assistant

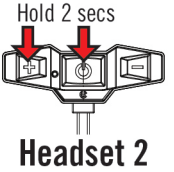
Press and hold the '-' button 2 seconds will activate the mobile phone voice assistant.



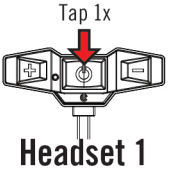
13. Intercom Pairing

Press and hold the '-' button 2 seconds will activate the mobile phone voice assistant.
Please follow steps below to for intercom pairing.



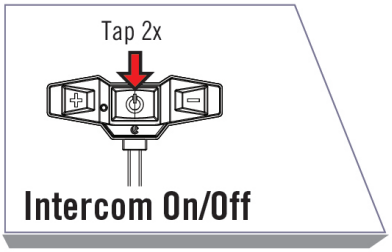


STEP 1: Hold '+' and 'Power' button 2 seconds on both headsets.
Red and blue LED will blink alternately.



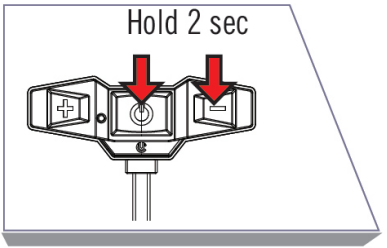
STEP 2: Tap 'Power' button once on headset 1. Blue LED will flash fast.
Please wait for a while until you hear voice prompt "connected".

14. Intercom Control Functions



Intercom will be connected automatically upon start up.
You may the power button twice to toggle between intercom on/off

15. Delete Pairing



Press and hold ‘Power’ and ‘-‘ button 2 seconds will erase the Bluetooth pairing information from the device memory.

16. Specification

	Bluetooth	5.2
	Frequency	2402-2480MHz
	Intercom Group	2 Riders
	Intercom Range	Up to 500m
	Battery Life	Up to 12 hours music playback Up to 8 hours intercom talk time
	Battery	3.7V/450mAh, Lithium-ion Polymer
	Speaker Unit	44mm (Diameter) x 15mm (Thickness)
	Weight	67g

17. Battery Warning

The UCLEAR helmet communicator contains a rechargeable lithium ion polymer battery. To reduce risks of fire or burns, do not disassemble, crush, puncture, short external contacts or dispose in fire or water.

18. Warranty

Without prejudice of legal warranty, the product is covered under a 2 year warranty by manufacturer from the date of purchase. Please produce the proof of purchase when you return the item to the supplier.

The warranty covers material and manufacturing defects only. The warranty is voided by any unauthorized repairs, misuse, misapplication, tampering of the product, modifications, upgrading or results of any failures to follow the guidelines as set out in the product brochure or by any of the actions specified in this brochure or anywhere in our technical publishing released to the public from time to time which would have voided the warranty.

Warranty does not cover data recovery and physical deterioration due to use, damages resulting from accidents, storage, loss or data loss or damage during repairs or transits.

The sender will bear all transportation charges for functioning products but which were declared defective.

19. Waiver and Disclaimer

BITwave and all their representatives, agents, distributors, suppliers and resellers shall not be liable and will be held harmless from any and all litigation, claims, debts, demands, actions and liability which may arise, directly or indirectly, from operating or using the product for any damages, losses, distress, pain, suffering, discomfort, loss and injuries including bodily harm illness, strains, fractures, partial and/or total paralysis, death or other ailments that could cause serious disability either to any persons, or any parties whether the user or other third parties or their possessions, or to any goods, vehicles, properties, assets among others including your own suffered by any persons, organizations, or any third parties whether physical or otherwise and which may accrue to you in the future, to the fullest extent permitted by law as a result of the use, operation, malfunctioning, misuse, disposal or repairs of the product or any other reasons, conditions or circumstances or attempts to do so whether due negligence, omissions or otherwise of BITwave or any of their representatives, partners, agents, distributors, suppliers, resellers, designer, manufacturer or any others in its supply and distribution chain or any third parties involved.

All risks from operating or usage of the product rest solely and entirely with the user of this product, the original purchaser or any third parties, who assumes full responsibility for all injuries, losses and/ or damages, whether caused in whole or in part by the negligence, omissions or other conduct of others, including that of BITwave and all their representatives, partners, agents, distributors, suppliers, resellers and all others in its supply and distribution chain either due to the designer's or manufacturer's negligence or omissions or any third parties involved.

Always comply with the local law regulations. Where use of the product is not permitted or allowed by any laws and regulations of your country, we warn you not to go against such restrictions. You will bear the full responsibilities of any breaches of law and regulations.

You should not allow the operations or use of the product or any attempts to use it by any persons including yourself to compromise anyone's safety including your own or to cause harm to any vehicles, property, objects,
livestock, inventories, assets and the like under any circumstances. You or any users of the product are to take all necessary safety measures and precautions and to remain alert to all surrounding conditions.

You confirm that you have read this release of liability and fully understand its terms and that you have given up substantial rights by using or attempting to use the product.

20. FCC Compliance Statement

FCC Warning Statement: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user ' s authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement
The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

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Please Download the updated user manual from

UCLEARDIGITAL.COM