

R4 Easy Talkie™

---Bluetooth Intercom with Hand Grip Wireless Remote Control for Riders

User Manual



New version, Hi-Fi speakers!

The most convenient & safe motorcycle bluetooth intercom in the world!!

What can we make more for easy and safe while riding on the way?

It is the wireless remote control that we specially designed for the drivers, who now have the option to full control the bluetooth interphone without even taking their hands off the grips. Now you can control your bluetooth interphone with confidence knowing you're pushing the right buttons, including Phone/Hang Off or Play/Pause, Volume + / - & Rider A ,B ,C. Therefore, riding with your interphone is becoming much easier & safer.

There is no one in the market who takes so much care of the safety and convenience for the driver. Now we do it and make it happen!

Besides the safety & convenience features, it can connect with more up to 4 riders, much farther in a max 1000m intercom range.

Isn't it amazing? ... Just try it!



Main Features:

Motorcycle riders can operate their interphone by our exclusive hand grip mounted wireless remote control, Riders no long need to take off his hand from hand grip while riding. this could be the most easiest and safest operation method for the bluetooth intercom that you can find out in the world right now.

This new product can be used for communication in 4 riders or between riders and pillions, one rider can link with 3 riders or pillions, and can choose any person of the group to talk to at a time. real full duplex wireless communication in 4 riders by hands free bluetooth system with innovation Bluetooth profile.

It offers other features on safety, the switch between cell phone calls, music, Intercom calls are automatically, and even it does not need to push any button to receive a cell phone call.

Other Features:

Up to **1000** meters talking range

Up to **120Km/h** working speed

Up to **9 hours** talking time

Safe **auto-receiving** cell phone calls

Advanced **A2DP & EDR** stereo bluetooth profile, good audio quality

Hi-Fi speakers, top sound quality

Stereo music/audio function (transmits from A2DP enabled **cell phone/MP3/GPS**)

Line in 2.5 mm audio jack, can connect with most audio sources

Wind noise **DSP** cancellation

Water-resistance, full weather protected

Introduction :



We will describe this communication kit as the **R**(Remote Control) **4**(for 4 riders intercom)

This **R4** can either be used for rider or for pillion.

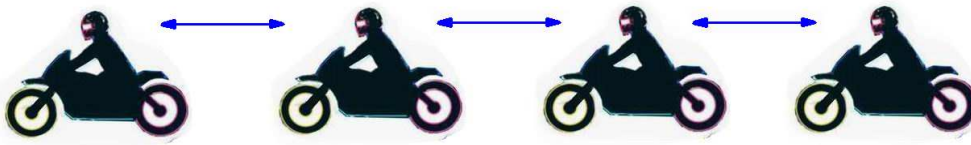
This **R4** is a multifunctional system comes with an innovate safety grip wireless remote control, it can be used:

1) As a hand-free bluetooth headset for cell phone calls

while out riding, the auto answer feature of the internal Bluetooth profile enables safe automatic hands free answering of the phone call automatically. It also offers a call rejecting function.

—receive the cell phone calls even you do not need to press any button, you just need to rider your bike **as normal**, the process of receiving call could be automatic, after ring on of the call about 5 seconds , it will receive the call automatically.

2) As a two way wireless full duplex interphone in 4 riders or between riders & pillions



Any rider could choose one of 3 riders to talk at a time !

The maximum communication range can reach **1000m !** (this maximum range is not guaranteed).

Typical effective range in city is approximately 700m. Please note that actual range will depend on weather conditions, terrain, presence of obstacles i.e. a large vehicle , buildings non line of sight etc. Unlike a one-way walk talkie, which is only half duplex i.e. it can not speak and listen simultaneously, the **R4** offers real-time talking like a normal telephone.

The working speed can be up to **120Km/h !**


3) As a wireless bluetooth stereo music receiver and speaker

The **R4** has **EDR** and **A2DP** profile , with EDR and A2DP profile it can offer another important function--- listening to stereo music from A2DP enabled cellphone,MP3 or navigation audio instructions from GPS(this MP3 or GPS should has a built in audio bluetooth transmitter)

4) As the speakers of your MP3/GPS

If your MP3 or GPS is not Bluetooth transmitting enabled and you have not a Bluetooth AV dongle, this **R4** also offers another method to listen to the stereo music/audio info--- the simple wired method. Plug the audio source directly into the **R4** via the 2.5mm-3.5 mm stereo connection cable.

Components of retail box

| Component | Parts Number |
|--|--|
| R4 headset main part | R4 -001  |
| R4 hand grip wireless remote control | R4 -002  |
| Clip for mounting the main unit | R4 -003  |
| Speakers & microphone & audio plug | R4 -004  |
| AC &USB Charger (AC110V-220V / DC OUTPUT 5V) | R4 -005  |
| 2.5mm to 3.5mm audio adapter cable | R4 -006  |
| User manual | R4 -007 |

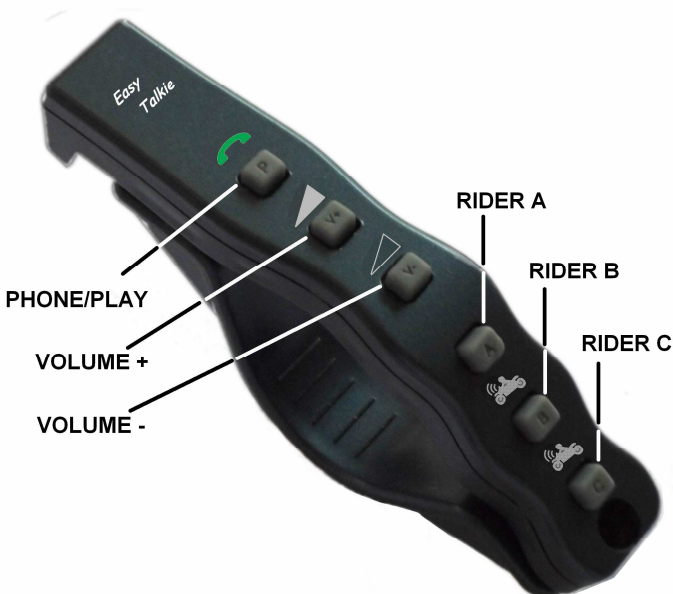
Main R4 communications unit



Hand grip wireless remote control

Operation:

The remote control has its own replaceable battery lasting 2-3 years. You do not need to turn the remote on or off, **once a button is pushed it will automatically activate this function. Press the selected button once only and not repeatedly as this will confuse the main R4 unit.** There will be a 1-5 second delay once the selected button is pushed before activation, the delay time depends on different button.



Clip for mounting the main R4 unit



Clip



Inserted plate

Hi-Fi Speakers/Boom Microphone/audio plug



The AC & USB Charger



Note: In different countries it may have different adaptors

Before using: Charging the R4

Before using this device, please charge the R4 main device at least three hours.

- 1) Insert the 2.5mm plug of the charging cable, into the small charging jack of the R4, you can either charge by AC adapter or computer.
- 2) While charging, the red LED on the headset module will illuminate. Full charging time is 3 hours.

Note: if you do not use the R4 over a month, to protect the Poly-Li battery, please charge the R4 at least every month. (the fault damaged by wrong charging will be not guaranteed).

Attaching and removing the R4 main unit on your helmet

With the clip, You can easily mount the main unit of the R4 on a helmet within 3 minutes.

Step:

- 1) Find a best position on the **left** side of your helmet to put the clip
- 2) Insert the inserted plate between shell and foam of the helmet
Fix the clip on the helmet with the supplied screws
- 3) Hang the main unit of the R4 on the clip



Clip



Inserted plate for clip



Insert the plate between the shell and the foam of a helmet, fix with screws



Clip fixed on a helmet



R4 mounted on a helmet

Attaching the two speakers and the microphone

The success of the system depends on the careful positioning of the ear speakers directly over top of the ear canals. this will give the best signal to noise of the received audio..

- 1) Look for the closest position inside the helmet to your ear canals. Feel the ear canal in your ear with Mount the Velcro pad to which the speaker will attach there, inside the helmet; Check the other side for optimum ear speaker position.
- 2) Remove the protective backing of the Velcro and mount the Velcro pads in the correct positions , attach the two speakers on the Velcro inside your helmet, the speaker with **short** wire cord for **left** ear, the speaker with long wire cord for right ear.



the speaker with **short** wire cord for **left** ear



the speaker with **long** wire cord for **right** ear

Adjust the position of the microphone

Note: To reduce the external noise, you need to close the visor while riding, and please adjust the position of the microphone to be right in front of your mouth with the foam just touching your lips , the visor should cover the microphone effectively! (Minimizes wind noise contribution)



V

Correct position of the microphone!



X

Wrong position of the microphone

- 3) Plug in the positioned headset to the communications module and attach it to the side of the helmet .

Operation:

The operation is friendly and very easy.

Pairing with your Bluetooth phone for the first time

Note: You must have a Bluetooth enabled phone to "Pair" with the R4

The rider and pillion pairing their headsets with their respective mobile phone should be at different time

Before using the R4, please familiarize yourself with Bluetooth function of your cell phone. Read the instruction manual that came with the phone so you can enable its Bluetooth function.

Before you can use this R4 in combination with your phone, you will need to “pair” it with your cell phone for the first time. This usually only needs to be performed once with that individual phone however follow the instructions supplied by the phone manufacturer and save the “pairing”, it will be automatically connected when this Phone and the R4 come into contact again.

Please pair the R4 with the phone only by the buttons on the main unit. Don't pair them by the grip remote control, otherwise it may cause mistakes.

- 1) Enable the Bluetooth function on your cell phone. **Short press(< 1 second) Reset key on the R4.**
- 2) You must place the **R4** in “Pairing mode”, this is done by way of a holding down the ON/OFF key on the headset, until the red & blue LED flash alternately.
- 3) Begin the “searching for Bluetooth device” on the cell phone according to the phone's instructions
- 4) when the **R4** is discovered, the cell phone will display **MOTOR PHONE** select this and accept the connection
- 5) The cell phone will ask you to input a password to enable this connection, when prompted input password: 0000 (four zeros)
- 6) Your phone will confirm that pairing has succeeded. Note that the only light showing on the headset is now the blue one and it will flash once every 5 seconds

Basic R4 Operation

Turn on

Short press(< 1 second) Reset key on the **R4**.

press the ON/ OFF key for 6 seconds or so, until the blue LED illuminate, promptly release the ON/ OFF key, then the blue led will flash every 2-5 seconds, and you can see that on the screen of your cell phone the **R4** will ask your cell phone to connect with it, select “yes” on your phone then they will connect each other. (for some phones, you will have to connect the **R4** by the phone)

Turn off

press the Power/Interphone key for 6 seconds or so, until the blue LED long illuminate, promptly release the ON/OFF key then the blue led will extinguish.

Increase the volume Short press of the V+ key

Reduce the volume Short press of the V- key

Re-connect the cell phone For some reason (e.g. In some regions of high RF strength), may the **R4** will lose connection with the cell phone, a short press on the Phone/Play key, they will connect each other again.

Safe Cell phone calls function

1) Receive a cell phone call automatically

When income a cell phone call, you will hear the ring on the cell phone and about 3-5 seconds later, the **R4** will receive the call automatically.

2) Terminate cell phone call

When you finish talking on the cell phone, a short press the Phone/Play Key, will terminate the call.

3) Reject a cell phone call

When income a cell phone call, you will hear the ring, within 1 second immediately press the Phone/Play key about 2 seconds, it will reject the call.

4) Make a cell phone call Dial a number on your phone as normal, (but don't do this if you are on road for your safety) the sound will be automatically heard in your headset.
notice: some phones like Panasonic x70, will not send the audio to the headset, you may have to press the Phone/Play key to transmit the sound to your headset.

5) Dial the last number Press the Phone/Play key 2-3 seconds, it will dial the phone number that you dialed last time.(**note:** some cell phone do not support this function)

Interphone Function

Set up for bike- to- bike and rider-to-pillion intercom: pairing

Pairing is a one time process that is required for mutual recognition between a R4 and other R4s. once the two headsets are paired, they will retain paired whenever they are **within range**.

Please note that you can speak via intercom to one person headset at a time.

Note:

- a. **When you are pairing two R4s, you must keep other R4s in the off status.**
- b. **Please pair the R4s only by the buttons on the main unit. Don't pair them by the remote control, otherwise it may cause mistake.**
- c. You could pair your R4 with maximum total four R4s, you also could only pair your R4 with one R4.

1) Pairing two R4s

Maybe you only need to communicate with a person (a rider or a passenger), you can simply pair two R4s according to below step:

Power on R4 A (the blue LED of R4 A will flash), Power on R4 B (the blue LED of R4 B will flash). Simultaneously hold the **B** key on R4 A and hold the **A** key on R4 B until the red & blue LED of the both pairing R4s flash, **short press** the **B** key on R4 A or **A** key on R4 B, 5-9 seconds later the red LED of both R4s will extinguish and the blue LED then will flash briefly every 2-5 seconds, thus they have finished the pairing(now you could talk each other).

2) Pairing all R4s

Before pairing, to avoid being confused, please stick respectively 4 label of A, B, C, D on 4 main units of R4s, thus you could call these 4 units as unit A, unit B, unit C, unit D

Note: At one time it only allows two R4s to pair each other, so when you are pairing two R4s, please confirm other units are in status of power off.

2.1 Pair unit A with unit B

Power on unit A (the blue LED of unit A will flash), **Power on unit B** (the blue LED of unit B will flash). Simultaneously hold the **B** key on unit A and hold the **A** key on unit B until the red & blue LED of the both pairing

R4s flash, **short press** the **B** key on unit **A**, 5-9 seconds later the red LED of both **R4s** will extinguish and the blue LED then will flash briefly every 2-5 seconds, thus they have finished the pairing(now you could talk each other).

2.2 Pair unit A with unit C :

To be sure that unit **B** and unit **D** is in status of power off.

Power on unit **A** (the blue LED of unit **A** will flash), Power on unit **C** (the blue LED of unit **C** will flash). Simultaneously hold the **C** key on unit **A** and hold the **A** key on unit **C** until the red & blue LED of the both pairing **R4s** flash, **short press** the **C** key on unit **A**, 5-9 seconds later the red LED of both **R4s** will extinguish and the blue LED then will flash briefly every 2-5 seconds, thus they have finished the pairing(now you could talk each other).

2.3 Pair unit B with unit C :

To be sure that unit **A** and unit **D** is in status of power off.

Power on unit **B** (the blue LED of unit **A** will flash), Power on unit **C** (the blue LED of unit **C** will flash). Simultaneously hold the **C** key on unit **B** and hold the **B** key on unit **C** until the red & blue LED of the both pairing **R4s** flash, **short press** the **C** key on unit **B**, 5-9 seconds later the red LED of both **R4s** will extinguish and the blue LED then will flash briefly every 2-5 seconds, thus they have finished the pairing(now you could talk each other).

Pair unit D with unit A,B,C

2.4 Pair unit D with unit A

Because there is not D key on **R4**, so the way of pairing unit D with unit A,B,C is different a bit.

To be sure that unit **B** and **C** is in status of power off ,

Simultaneously hold the **A** key on unit **A** and hold the **A** key on unit **D** until the red & blue LED of the both pairing **R4s** flash, **short press** the **A** key on unit **A**, 5-9 seconds later the red LED of both **R4s** will extinguish and the blue LED then will flash briefly every 2-5 seconds, thus they have finished the pairing(now you could talk each other).

2.5 Pair unit D with unit B

To be sure that unit **A** and **C** is in status of power off ,

Simultaneously hold the **B** key on unit **B** and hold the **B** key on unit **D** until the red & blue LED of the both pairing **R4s** flash, **short press** the **B** key on unit **B**, 5-9 seconds later the red LED of both **R4s** will extinguish and the blue LED then will flash briefly every 2-5 seconds, thus they have finished the pairing(now you could talk each other).

2.6 Pair unit D with unit C

To be sure that unit **A** and **B** is in status of power off ,

Simultaneously hold the **C** key on unit **C** and hold the **C** key on unit **D** until the red & blue LED of the both pairing **R4s** flash, **short press** the **C** key on unit **C**, 5-9 seconds later the red LED of both **R4s** will extinguish and the blue LED then will flash briefly every 2-5 seconds, thus they have finished the pairing(now you could talk each other).

To get all pairing details, please refer to below pairing chart,

| INTERPHONE | PAIRING BUTTON | STATUS BEFORE PAIRING | WHEN RED AND BLUE LED FLASH ON BOTH UNITS, SHORT PRESS BELOW BUTTON ON LEFT UNIT | <---pair each other---> | INTERPHONE | PAIRING BUTTON | STATUS BEFORE PAIRING |
|------------|----------------|-----------------------|--|-------------------------|------------|----------------|-----------------------|
| Unit A | B | powered on | B | <---pair each other---> | Unit B | A | powered on |
| Unit A | C | powered on | C | <---pair each other---> | Unit C | A | powered on |
| Unit B | C | powered on | C | <---pair each other---> | Unit C | B | powered on |
| Unit A | A | powered on | A | <---pair each other---> | Unit D | A | powered on |
| Unit B | B | powered on | B | <---pair each other---> | Unit D | B | powered on |
| Unit C | C | powered on | C | <---pair each other---> | Unit D | C | powered on |

3) Choose which rider you will talk with

Pairing these riders seems a bit complicated, but using the intercom is very simple ☺

After you have paired with all the R4s, then you can talk with one of the riders at a time.

STEP: after finishing the pairing procedure , confirm that all of R4s have been **powered on**.

We suggest that it is best to use the hand grip remote control to initiate or finish an intercom call, this is a more safer method while riding. Only if the remote control was lost or was not taken with, you could use the main unit to do it.

Note: When you are operating the intercom functions by the A, B, C button of hand grip remote control, please **don't** press the same button repeatedly, otherwise it will confuse the main unit. One operation, one pressing.

Initiate an intercom call, and then you can talk with one of other riders.

For example: A short press(< 1 second) the B Key, promptly release your hand, you will hear a beep "di", then wait about 3-5 seconds you could talk with rider B. if then you short press the C key, it will change the communication to talk with rider C.

Tips: Talk with unit D

Because there is not D key on the unit, so the way of calling unit D is different :

Short press A key on unit A , you will talk with D. Short press B key on unit B , you will talk with D.

Short press C key on unit C , you will talk with D.

Finish an interphone talk:

You only need a short press of same one of the intercom (A, B, C) key, to terminate communications
Note: to reduce power consumption, when you do not need to talk, don't keep your R4 on intercom state in a long time



Note: If two R4s were out of range, they may will lose connection. when you come within range again, you only need to initiate a intercom as normal.

Music /Audio function

1) Listen to stereo music from your A2DP enabled cell phone

Read the user manual of your cell phone carefully, if your cell phone is A2DP enabled, the R4 can receive the stereo music from the cell phone.

Please note that only A2DP (stereo bluetooth) enabled cell phone can offer bluetooth music transmitting service. You can use the Phone/Play key to pause/play the music from A2DP bluetooth devices.

2) listen to audio navigation info from your GPS which with a built in bluetooth transmitter

a) Pair this GPS with your R4

Be sure that you have turned off the bluetooth function on your mobile phone.

Be sure that the R4 is in the state of power off.

Power on the GPS, hold the bluetooth key on the GPS until the red & blue LED flash.

Long press the ON/OFF key on the R4, until the red & blue LED flash.

About several seconds later, the red LED of the GPS and the R4 will extinguish at the same time, thus they have paired successfully.

b) Enjoy audio info of the GPS on the R4.

Adjust screen tap sound and volume to an appropriate level on the GPS, then the user can enjoy the audio information on the R4.

Note: please obey the bluetooth Power On sequence as below:

R4 first , then GPS.

please obey the bluetooth Power Off sequence as below:

GPS first, then R4

For some **GPS**, the sequence may be different, please operate follow the guide of the GPS.

3) Listen to music from some mono bluetooth enabled cell phone

Almost all of Nokia mono bluetooth enabled cell phone can offer bluetooth music transmitting service , but some model of other brands cell phone can not offer this service.

We do not promise that the **R4** will support music function for all mono bluetooth enabled cell phones.

Step: confirm that your **R4** has paired with your cell phone; play the music on the cell phone, and then you can enjoy the music on your **R4**.

Note: for mono bluetooth cell phone, you can not use the Phone/Play key to operate the music, you only can operate the music on the phone.

4) listen to stereo music from your MP3 by Wired method

With the 2.5-3.5mm audio adapter cable attached, it will can be used for connecting your **R4** with a major of MP3. play the MP3, you will can listen to the music via the speakers of your **R4**.

NOTE1: when the **R4** is working in bluetooth status, it will mute the music of the MP3. bluetooth is prior. After bluetooth operation is finished, it will return to play the MP3 music.

NOTE2: you only can adjust the music volume on your MP3.



2.5-3.5mm audio adapter cable

5) listen to audio navigation info from your GPS by Wired method

the way is same to listening to music from a MP3.

6) listen to stereo music from MP3 or GPS via external audio bluetooth transmitter

If you have a external audio bluetooth transmitter (it is easy to find this product in the market),insert the plug of the transmitter into the jack of the MP3 or GPS.

Pair the transmitter with the **R4** according to the instruction manual of the transmitter.

Play the MP3 or GPS , you can listen to the music on your **R4**.

Auto switch between different operations

While talking by intercom or listening to music, if it incomes a cell phone call, the voice will be switched to “cell phone talking” state automatically. After the call has been hung up, the system will auto return to intercom talking or music playing state.

While listening to music, short press the RIDER A or RIDER B,C key, it will initiate a intercom talking. after terminating the intercom talking, the system will return to the music automatically.

Note: it might needs about 5 seconds to auto-return to “intercom talking” state after the “cell phone talking” has been hung up.

Trouble shooting

1. Not working

Could be a flat battery, charge the **R4** 3 hours.

2. Reset

In some regions of high RF strength ie near high power TV transmitters ,GSM station or airport radars, these can overwhelm the CPU in the **R4** causing it to latch up.

Short press(< 1 second) Reset key on the R4. when you turn on the R4, it will work normally again.

3. No sound

Physically check to see the headset cables are ok or [the audio plug is real inserted in the jack ?](#) swap with the other functioning R4 to localize the problem . have you turned to volume too low?

4. Whistling of the speakers

If the microphone is too closed a speaker, the speaker will make a whistling, take the microphone away from the speaker, reduce the volume by the Volume-key , it will be ok.

5.Lose connection with the cell phone or music from the cell phone

for some reason(e.g. In some regions of high RF strength), maybe the R4 will lose connection with the cell phone or music from the cell phone, a short press on the Phone/Play key, they will connect each other. or see the below **8**.

6. can not connect with your mobile phone

This R4 can connect with a major of bluetooth enabled cell phone of main brand, but **we don't undertake that it can connect with all cell phone**. Before purchasing, please confirm that if the R4 could connect with your cell phone.

7. auto-power off

To cell phone call, intercom, music these different using, This R4 takes different Bluetooth profile. when change between different using, it will change to the corresponding profile.

Some cell phone maybe do not take standard bluetooth profile, when it connect with the R4, some times it may cause turning the R4 off when the R4 are switching between three different state(call, intercom, music).

in this case, you could turn on the R4 again by pressing the Power/Interphone key, and note that only make the R4 working on two profile.

8. Final solution

If the solution of above clause**1.- 7.**can not resolve the problem, turn your cell phone off (sometimes you may have to take off the battery of your cell phone and load the battery again) and your R4, then turn them on and pair them again.

9. Lose connection between two R4s

If two R4s were out of range, they may lose connection. when you come within range, you only need to initiate a intercom as normal.

10. Hand grip remote control does not work

Could be a flat battery. We have supplied an extra battery in the retail box , please replace the battery. it needs to open the shell of the remote control before replacing the battery, please operate carefully, don't touch other components.

OTHER FEATURES

Digital Signal Processor (DSP) Technology for wind noise cancellation

- Excellent performance at speeds up to the legal limit with a full face helmet
- Easily mounts to all full face and open face helmets

GENERAL FEATURE

- Up to 7 hours talk time when connected to your cell phone
- UP to 7 hours time when listening to music
- 500 mAh Li Polymer battery ·Standby time: 120 hours
- Charging time: 3 hours
- Chip brand: CSR

SPECIAL FEATURE

- All weather, rain and snow resistance

Let's enjoy more convenient & safe trip with R4 Easy Talkie



Thank you for choosing the R4 Easy Talkie BT intercom!