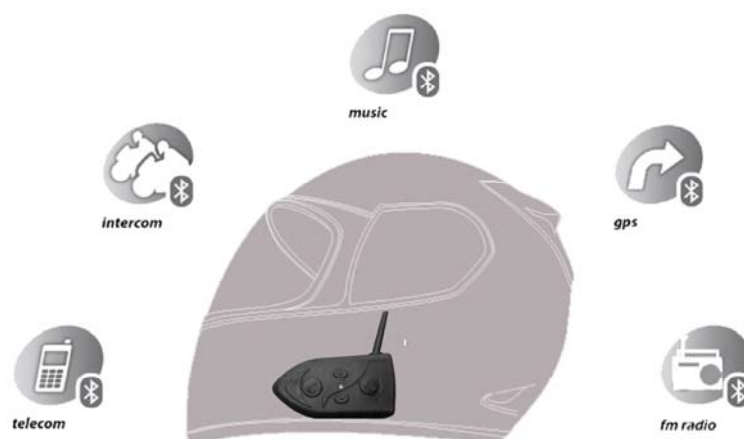


Bluetooth Motorcycle

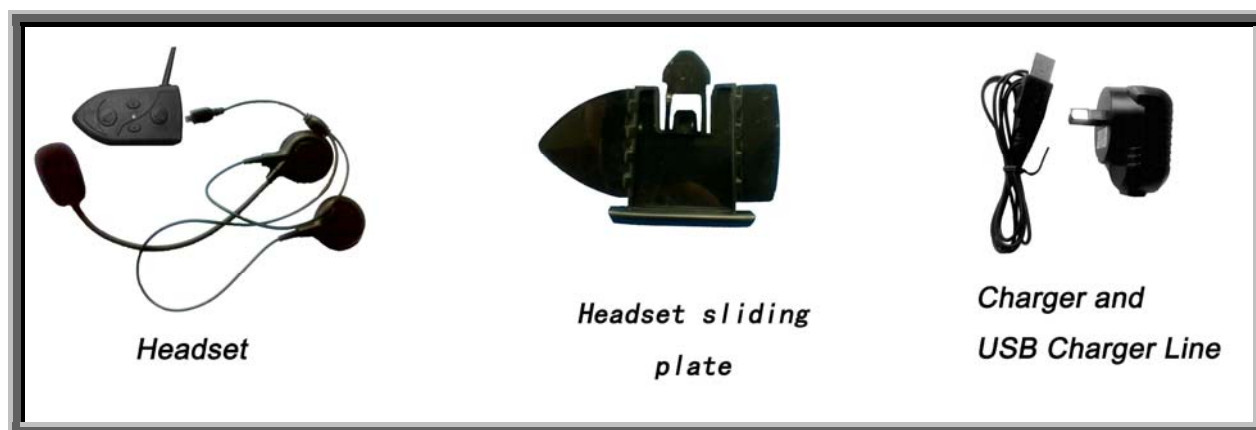
Helmet Intercom Headset



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Package Content



Product Description

Thank you for having chosen the DWO-2, the Bluetooth® Headset for Motorcycle Riders. This Manual will help you operate the headset, but you should first familiarize yourself with the Bluetooth® functions of your cellular phone or GPS device before using.

DWO-2 stereo is a Bluetooth® system for helmets, enabling you to talk with passenger or other rider, and entertainment while riding your motorcycle. DWO-2 stereo works and communicates with cellular phones, GPS navigators, and musical readers equipped with Bluetooth® technology.



1. MFB (Multi-function Button)
2. Volume + (Volume up / Track forward / Voice dial)
3. CTRL- – Control Button (Power / Pairing / Intercom)
4. Antenna
5. LED light indicator
6. Volume – (Volume down / Track back / Last number redial)
7. Headset jack & Charging jack

Specification

	DWO-2
Bluetooth® Version	Bluetooth® V2.0
Bluetooth® RF Spec	Class 1
Talking Time	8 hours
Standby Time	400 hours
Charging Voltage	5V
Charging Time	3 hours
RF Frequency	2.4 ~ 2.4835 GHz (ISM Band)
FM Function	Optional
Battery Type	500mAh rechargeable Lithium-Polymer Battery
Supports HSP, HFP, A2DP, AVRCP, FM and Full Duplex Inter-communication	

Main Features

Mobile phone functions



- Bluetooth® Hands-free
- Voice dial
- Last phone number redial
- Automatically answer call
- Reject call

- Mobile phone volume control
- Mobile phone has the highest priority

Intercom functions



intercom

- Rider to rider (Maximum communication range up to 1640ft/500meters)
- Rider to Passenger
- Intercom volume control

(Typical effective range in urban area is about 1640ft/500m for DWO-2 (328ft/100m for HM528).

Note: actual range will depend on weather conditions, terrain and presence of obstacles.)

Stereo functions



music

- Bluetooth® A2DP music play
- Enjoy music from Mobile phone or other music sources
- Remote control music play with AVRCP
- music volume control

GPS functions

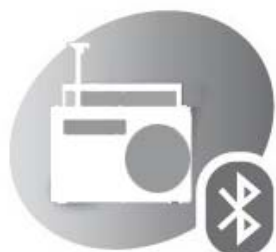


gps

- Audio guide information from Bluetooth® GPS navigator by A2DP function.

- Independent A2DP volume control

FM Radio functions (Optional)



- Frequency covers 76~108MHz
- FM volume control

fm radio

- ◆ **. DSP** technique, wind noise suppression and echo cancellation to ensure the crystal voice quality when speeding high (Up to 150km/h).

Installation

1. Mouthing Clipping plate

The headset sliding plate must be mounted onto the helmet first. Once mounted, the headset unit can be attached or detached from the sliding plate at any time you want.

Note: it is better to remove it from clipping plate when not in use.

2. Mounting the Microphone and Speakers

2.1 The Microphone must be positioned in front of the center of the mouth.



2.2 Putting the Velcro into the slot which has the same shape inside the helmet

2.3 Attach the speakers to the Velcro Pads inside your helmet opposite your ears (short speaker cord for left ear & long speaker cord for right ear)。

Note: Always prioritize your riding, not Mobile phone calls. During a Mobile phone conversation, or whilst using the interphone, deceleration and concentrate on your riding. In bad weather and/or heavy traffic, we recommend pulling over and stopping, before answering.

Operation

(Please read the manual carefully before using the system)



Power On and Off

1. In power off state, press **CTRL** and hold it for 3 seconds, until hear a “di” tone, release the button, Blue indicator will flash to indicate power on successfully.
2. In power on state, press **CTRL** and hold it for 5 seconds, until hear a long “di” tone, all LED indicators will be shut off to indicate the headset is powered off.



Enter Pairing Mode

Operating from Power off state, pressing and holding **CTRL** until Red/Blue lights flashes alternately. It is under Pairing Mode.

Note: If the pairing process is not completed within one minute, the headset will turn to Standby mode.



Mobile phone operation

When the light is flashing Red/Blue alternately, your **DWO-2** is under pairing mode, and then using your mobile to search for devices(*please refer to your mobile phone manual*). The Mobile phone can detect **DWO-2**. Simply select it, and enter the pin code "0000". If paired successful, there will have "DI" notice tone, and LED Indicator will change to flash in blue color

Now you can use the headset to answer you phone call, or enjoy the music from your Mobile phone.

1. Automatically answer incoming call

The Bluetooth® Helmet headset has the automatically answer function. If there is no any operations on the headset after 12 seconds, the Bluetooth® Helmet headset will answer the phone call automatically.

2. Answering phone call

When you need to answer the phone call, just short press the **MFB key**.

3. Reject a call

When you need to reject a call, press and hold MFB key for 2 seconds till hear a "du" notice tone, and then release it.

4. Hang up call

When the conversation is in active state, short press the **MFB key** to hang up the call

5. Last phone number redial

Double press **Volume -**, then the Mobile phone will dial out the latest called phone number.

6. Voice Dial

Double press **Volume +**, after you heard the audio prompt, then speak out the voice tag of your desired phone number, your mobile phone will call out the number.

(Note: Please make sure your Mobile phone supports Voice Dial before activate Voice Dial function)

7. Volume control

Press **Volume + / Volume -** to adjust the phone call volume you like

8. Audio Transfer

While during call active state, press and hold **MFB** for 2 seconds, then release button after hear a tone note. Phone call audio can be transfer from helmet headset to mobile phone, or from mobile phone to headset.



Intercom operation

1. Pairing Intercom Headsets

1.1 Entering the Pairing Model.

1.2 Short press **CTRL** of either headset, it will search the other one which in pairing state, and then try to pair with it.

(Note: Please do not press both CTRL while starting the search operation!)

1.3 Within a few seconds, both headsets will turn off the Red light, and then flashing slowly in Blue. Pairing is finished.

1.4 To pair with another headset, repeat the above steps please.

2 Under pairing state, short pressing CTRL key of any headset, and then the Intercom Function will be activated.

3 Pairing is a one time process. Once the headsets are paired during this setup procedure, they will remain paired and automatically recognize each other whenever they are within available range.

4 Either of headset users wants to turn off the Intercom function, just short press **CTRL**, and then the Intercom function will be terminated.

5 Press **Volume + / Volume -** to adjust the volume. When reaching the maximum/minimum volume, there will have a “DiDong” notice tone.

6 Mobile phone has the highest priority. Mobile phone call can interrupt the intercom call. The Intercom will be restored automatically after the ending

of the phone call.



Music operation

Please pair the music source devices and please refer to the devices User Manual first.

1. Play / Pause

Undering Bluetooth® A2DP music play state, short press the **MFB** to control the music play or pause

2. Track forward

Pressing **Volume +** to forward track

3. Track backward

Pressing **Volume –** to backward track

(Note: The above function requires the music device supports Bluetooth® A2DP and AVRCP)

4. Volume control

Pressing and holding **Volume +** to turn up the music volume; press and hold **Volume –** to turn down your music volume. When reaching the maximum/minimum volume, there will has a “DiDong” notice tone.

5. Mobile phone or intercom calls have the higher priority than music. Mobile phone/Intercom call will interrupt the music play. The music will be restored automatically after call ended



gps

GPS navigator operation

1. Please pair GPS devices and please refer to the GPS navigator User Manual first. Share the audio information from GPS via A2DP.
2. Press and hold **Volume +** to turn up the GPS volume; press and hold **Volume -** to turn down your GPS volume. Release the Button till you feel good. When reaching the maximum/minimum volume, there will have a “DiDong” notice tone.
3. Mobile phone or intercom calls have higher priority than GPS audio. Mobile phone/Intercom call will interrupt the GPS audio. The audio will be restored automatically after call ended



fm radio

FM Radio operation (Optional)

1. Turn On/Off FM

Quickly double press the **MFB key** to turn On/Off the FM Radio functions.

2. Search forward

Press **Volume +** to search forward

3. Search backward

Press **Volume –** to search backward

4. Volume control

Press and hold **Volume +** to turn up the FM volume; press and hold **Volume –** to turn down your FM volume. Release the Button till you feel good. When reaching the maximum/minimum volume, there will have a “DiDong” notice tone.

5. Mobile phone or intercom call has higher priority than FM radio. Mobile phone/Intercom call will interrupt the radio. The FM will be activated automatically after call ended

Trouble shooting

1. Not working

It could be a flat battery, charge it for 3 hours.

2. No sound

Physically check out whether the speakers and microphone have been connected right? Have you turned down the volume too low?

3. 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, and it will be ok.

4. Lose connection with the Mobile phone or music sources

Please check out whether the battery is too low.

5. Can not connect with your Mobile phone

Please confirm and try to connect with your Mobile phone before purchasing. We don't undertake that it can connect with all types of Mobile phone since some Mobile phone may not take the standard Bluetooth profile.

6. Can not reconnect with your Mobile phone

Please cancel all Bluetooth devices on your Mobile phone then turn off, take out your Mobile phone battery for a few seconds, and then put back the battery, turn on your Mobile phone, restart the Bluetooth function and search the Bluetooth device. Now you can reconnect with your Bluetooth helmet headset.

7. Reset

In some regions of high RF strength or near high power TV transmitters, GSM station or airport radars, these can overwhelm the headset and make it system halted, please just charge the unit, and then it will be reset and normally work again.

8. Please turn the headset back to After-sale Service Department if you can't

resolve the problem with the help of clause 1–6

Headset embedded battery charging

Helmet headset has embedded rechargeable battery, please charge the helmet headset for 3 hours until the red LED off before use.

Note: *1. Please use the USB cables gently, do not pull it too hard or the helmet headset may be damaged.*

2. In order to keep the battery capacity and extend its life, please stock the headset in 15°C to 25°C environment while not use.

LED light Indicator

LED Indicator type	Indicated State
All LED Indicators off	Power off
Red/Blue lights flashing alternately	Pairing mode
Blue light short flashing every 3 seconds	Standby state
Blue light long flashing every 3 seconds	Connected state
Red light flashing every 3 seconds	Battery is low
Solid red light	Headset is being charged
Note: While charging, solid red light will be off to indicate charging complete.	

FCC WARNING

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.

NOTE 1: Any 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.