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## 1. Getting Started

### Unpacking and inspection

Please check and make sure that you have everything listed below inside the box. If you find any parts missing or that have been damaged, please contact our customer service immediately.

1		DUO Unit with factory installed rechargeable lithium ion Battery
2		Headset including two speakers and microphone for full face helmets
3		Helmet mounting bracket with Cradle, two screws
4		USB charging cable and AC adaptor

### Battery

The DUO comes with a rechargeable Li-ion battery pre-installed inside of the unit. Please do not attempt to open the case to replace the battery.

We recommend that the battery be pre-conditioned to restore to the original state.

- 1) Discharge the battery completely by leaving the unit on until the battery is completely drained.
- 2) Charge the battery completely using the charger supplied with the kit. It should take about 5 hours to fully charge the battery.

If you are planning to store the unit for a long period of time, store it after fully charging the battery. Upon using it again, please follow the pre-conditioning process described above.

To reduce the risk of damage to the battery, do not use any other charger except the one supplied with the kit. Make sure the battery is always stored at room temperature.

### Installation of headset, main unit

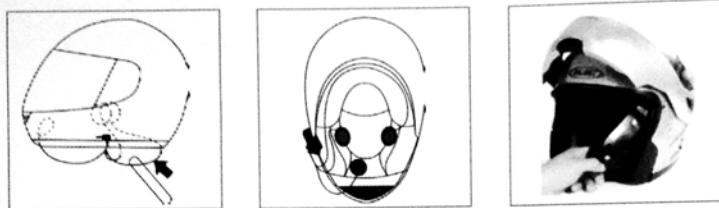
The Headset comes with full face helmet microphone. Plug the microphone into the connector on the headset. All microphones come with foam cover. For full face helmet, attach soft Velcro disk to the helmet chin bar and hard Velcro disk to the microphones. Use the wooden wire stick to gently tuck the microphone wire between the headliner and the shell of your helmet.



The headset speakers should already have Velcro on the back casing. Simply apply the soft Velcro disks on the liner of your helmet. Mount them in the indentation of the helmet padding where your ears would line up. Please keep in mind that you need to mount the speakers in a location that is directly next to your ears.



Attach the right speaker (with the longer wire) to the corresponding Velcro disk that you applied on the helmet liner. Attach the left speaker (with the shorter wire) to the other Velcro disk. For helmets with speaker pockets, simply insert the speakers in each corresponding pocket. Use the wooden wire stick to gently tuck all wires between the headliner and the shell of the helmet as shown below. If your helmet has washable lining that pops out, you can tuck the wires behind that.



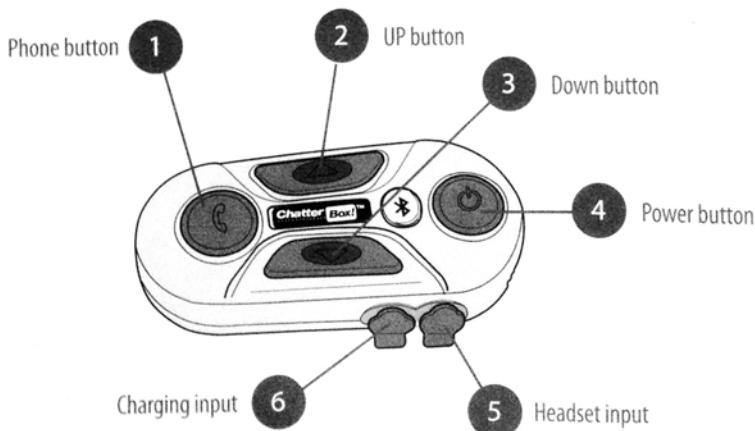
Fasten the mounting bracket snugly to the bottom left side of the helmet with two bolts supplied. Align the back side of the DUO unit to the grooves on the mounting bracket. Slide the DUO unit down on the mounting bracket until it latches firmly into place.

Insert the 3.5mm plug of the headset into the Rider's headset jack on the bottom of the main unit.

## 2. Getting to know your DUO

### Buttons and inputs

The DUO is packed with many features in a light compact casing. Please refer to the picture shown below to find out the location and functions of each button.



CHATTERBOX USA

Buttons & Inputs		Description
These are brief descriptions of the buttons and inputs. Detailed descriptions and specific instructions will be provided later in the manual		
1	Phone button	<ul style="list-style-type: none"> <li>Answer or reject the phone call</li> <li>End the phone call</li> <li>Pause and Play music</li> </ul>
2	UP button	<ul style="list-style-type: none"> <li>Increase speaker volume</li> <li>Reverse music track</li> </ul>
3	DOWN button	<ul style="list-style-type: none"> <li>Decrease speaker volume</li> <li>Skip music track</li> </ul>
4	Power button	<ul style="list-style-type: none"> <li>Power on and off</li> <li>Bluetooth pairing with MP3 Player, phone and Smartphone</li> <li>Intercom pairing</li> <li>Turn Intercom mode on and off</li> </ul>
5	Headset Input	<ul style="list-style-type: none"> <li>Input for headset</li> </ul>
6	Charging Input	<ul style="list-style-type: none"> <li>Input power cord for charging</li> </ul>

### Multi-function buttons

Each button handles more than one function. The following are two ways of pressing the buttons in order to control the different functions of the DUO.

Long press	Press the button and hold it for 3 seconds
Short press	Press the button for half second

## 3. Bike to bike (rider to passenger) Intercom

The DUO can communicate between rider and passenger or another rider within 100 yards. Before riding, users must pair their units. It is strongly suggested that you practice talking back and forth in your house before actually using on a ride. This way you can get a feel of what to expect.

### Power On/Off

Press the power button for 6 seconds until you see blue light blinking and release the Power button. To power the unit off, turn the power button for 6 seconds until you see solid blue light and release see the light turned off.

### Set Volume level

Set the desired volume level by short pressing UP or DOWN button.

### Pairing for Intercom

Press Power button of two units for 9 seconds until you see the blue and red lights rapidly blinking. Short press the Power button of any of two units. You will see blue light only slowly blinking on both DUO units if the pairing is successful.

## Using Intercom

Short press the power button to enter the Intercom mode. It takes 3 seconds to fully enter the intercom mode. Short press the power button to terminate the Intercom mode (*If you are entering Intercom mode while listening to music, you will hear the music sporadically during that 3 seconds of transitional period. If you don't like this sporadic sound of music, please pause the music first by short pressing phone button and short press the power button to enter the Intercom mode*)

## 4. Bluetooth feature with audio control

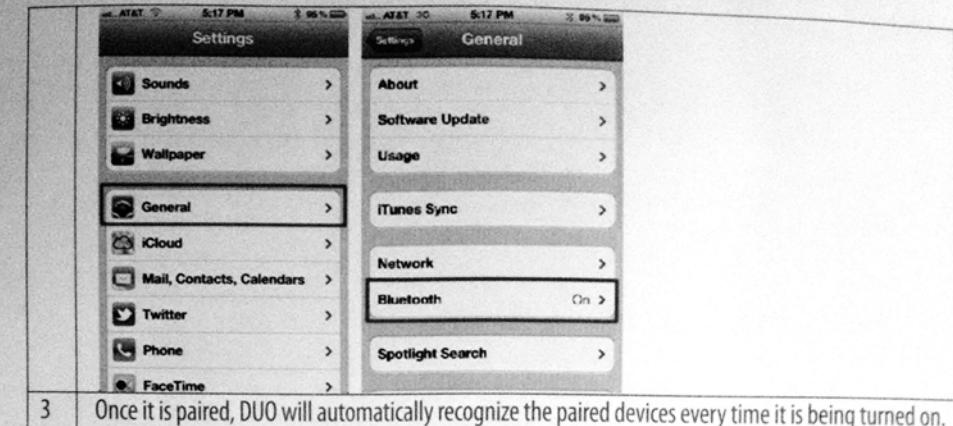
The DUO is equipped with Bluetooth that allows you to pair up to 2 Bluetooth devices simultaneously. You must understand that NOT just ANY 2 Bluetooth devices will always work. When pairing two devices, Bluetooth only permits 1 hands free device and 1 audio device. You cannot pair 2 audio devices and you cannot pair 2 hands free devices. It will only allow 1 of each kind. An example of a hands free device is a cell phone. An example of an audio device is an iPOD/MP3 player with a Bluetooth adapter. Please note some Smart phones (iPhone and Android phones) take up BOTH devices when paired to the DUO. This is why you will be able to listen to music and answer the phone from a smart phone. These phones do not have an option to disable this. Some motorcycle specific GPS devices also take up both devices when paired. This is why you can listen to music, hear your voice prompted directions, and answer your phone through them.

\* You will find a chart below that explains the different combinations of accessories and what will work.

### Pairing

In order to pair the DUO to a Bluetooth device you must follow the directions below. Please make sure that the device you are trying to pair is Bluetooth capable.

1	Make sure the DUO is in the OFF position and the device you want to pair is near. Please note that you must make sure any other Bluetooth devices in the area are turned off.
2	Press and hold the Power button for 9 seconds until you see blue and red light blinking and release.
3	Follow the "pairing" instructions for your Bluetooth device. Please allow about 30 seconds for your device to search DUO. If done correctly, you will notice the name "DUO" on your devices Bluetooth list.  The following is an example of how to pair an iPhone with the DUO. Go to Bluetooth settings as pictured below. Once the iPhone finds the DUO as a Bluetooth device, you will see "DUO Not Paired". You simply touch that device and enter "0000" when prompted password. You will see the light goes blue only light slowly blinking from blue and red blinking once the pairing is successful.



3 Once it is paired, DUO will automatically recognize the paired devices every time it is being turned on.

### Pairing multiple devices

You can pair any Bluetooth enabled MP3 player, Mobile phone, and Navigation system with DUO. However, only two devices can be paired with DUO simultaneously. Table shown below summarizes the way you can pair multiple devices simultaneously.

There are two ways you can get all three, music, navigation, and phone simultaneously.

The first way is by using a navigation system that supports pairing with mobile phone. This does NOT mean that any navigation system with Bluetooth will work. These types of Navigation systems are usually the motorcycle specific models. (Garmin Zumo and Tom Tom Rider models) In this case, you need to pair your mobile phone to the Navigation system first then pair the navigation system and MP3 player to the DUO.

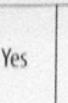
The second way is to buy one of the navigation apps for your Smartphone that supports In-app music player. With this route you can do the following all from your Smartphone; hear GPS voice prompted directions, answer phone calls, and listen to music from the Mp3 player. We highly recommend this setting.

	Bluetooth enabled devices				Music	Navigation	Phone	
	Smart phone	Mobile phone	MP3 player	Navigation				

### Ways to pair two devices

1					Yes		Yes	
2					Yes	Yes		
3					Yes	Yes		

## Ways to pair three devices

4					Yes	Yes	*Yes	*Navigation systems that supports pairing with phone: TomTom rider2, Zumo550
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Smart way to get music, navigation, and phone simultaneously by pairing one device

5					Yes	Yes	*Yes	*You need to buy GPS apps for your Smartphone that supports In-App Music player (Gokivo, TomTom)
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## Using Smartphone to get music, phone, and navigation

Once you have paired your Smartphone with DUO, you may listen to your music from your Smartphone using your own playlist. When there's an incoming phone call, you will hear your music faded away and get paused and start hearing engine revving sound. You simply short press Phone button on DUO to answer. If you want to end the call, just short press Phone button again. As soon as you end the call, the music will play back automatically.

If you want to use navigation system, you need to buy one of the navigation apps offered for your Smartphone. Please make sure you get the In-App music player for more streamlined operation. Unlike the navigation systems that rely on network to get the maps and information, there are systems that you still can use even during the absence of network by accessing the maps and information already downloaded in your Smartphone. If your phone has enough disk space, this option is the most suitable for the motorcycle riders.

\*For longer ride, you need to have charger for your Smart phones if you want to use navigation system. Chatterbox supplies USB power cord and Tank bag for this purpose.

## Remote control

The DUO Bluetooth feature can also remotely control the devices so that you don't have to reach for your device in your pocket dangerously while you are riding. The Table below will show you the remote control functions available. (Does not apply to all devices)

\*Long press: Hold the button for 3 seconds, Short press: hold the button for half second)

	Music	GPS	Phone	Buttons to use (Only in Bluetooth mode)
Pause and Play	Yes			Short Press Phone button
Skip track	Yes			Long press DOWN button
Reverse track	Yes			Long press UP button
Volume Up & Down	Yes	Yes	Yes	Short press UP&DOWN button
Answer incoming call			Yes	Short press Phone button
Answer call automatically			Yes	Just wait for 5 seconds
Reject the call			Yes	Long press Phone button
End incoming call			Yes	Short press Phone button

## 5. Accessories

1		Headset including microphones for full face helmets
2		Microphone for open face helmet
3		Headsets for 3.5mm connector with no speakers and microphone
4		Helmet mounting bracket with Cradle, two screws
5		Charger (AC adaptor, USB cable)
6		Sponge and Velcro Kit (5 pieces of microphone sponge, 5 pairs of speaker Velcro)
7		Headset extension cord
8		USB Power filter cord (Single)
9		USB Cord Splitter
10		Tank bag for Smartphone

## 6. Trouble shooting

Questions	Answers
Power light does not turn on	Charge the DUO for at least 3 hours.
Not working (Latch up caused by high FR strength from TV station, GSM station)	Charge your DUO about 1 minute and turn your unit on.

No Sound	Physically check if the headset and audio plug is properly connected. And check the volume level.
Whistling sound heard through speakers	Adjust the position of the microphone further from the speakers and lower the volume level.
Lost connection with Bluetooth devices (i.e. Phone and MP3 player)	Short press the Phone button.  If this problem occurs frequently, turn off both Bluetooth devices and DUO. And go thru the pairing process again (*You might remove your Bluetooth devices battery to completely turn off)
Will not connect to my Bluetooth phone.	Make sure your phone has the Bluetooth feature turned on. Refer to your cell phone manual for this. If the problem persists please contact Chatterbox customer care.

## 7. Important information

### Chatterbox USA Limited Warranty

Chatterbox USA guarantees that each new Chatterbox will be free from defective materials and workmanship for a period of one (1) year from the date of original purchase. Chatterbox will remedy any such defect by repair or replacement (at our discretion) of the products, provided they are delivered to the address listed below, intact for examination, with all transportation charges prepaid and accompanied by a copy of the original retail sales receipt. The provisions of this warranty shall not apply to any unit which has been subject to misuse, neglect, incorrect installation, unauthorized modification, accident, or has been repaired or altered outside of our factory. The express warranty contained herein is in lieu of all other warranties, expressed, implied or statutory, including without limitation any warranty of merchantability or fitness for a particular use. In no event will Chatterbox be liable to the buyer for any damages, including special, incidental, indirect, or consequential.

### FCC Compliance

This device has been tested and found to comply with the limits for a class b digital device pursuant to part 15 of the FCC rules. The operation is subject to the following two conditions;

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received including interference that may cause undesired operation.

\* Any changes or modifications not expressly approved by the parties responsible for compliance could void the users' authority to operate this device

### US Motorcycle Laws by States

Certain states and localities may prohibit the use of two earpieces or two-piece headsets while operating a vehicle. Please check and follow all applicable federal, state, and local laws and regulations regarding the use of electronics, earpieces and headsets before operating your vehicle.

This link shown below is provided for informational purpose only. We do not guarantee the accuracy of the information. Please verify the accuracy of the information before use.

<http://www.americanmotorcyclist.com/asp/legisltn/laws.asp>

### Technical Specification

GENERAL	
Intercom range	100 yards (328 feet)
Maximum speed of operation	120 km/h (70 miles/h)
Power supply pack	Poly-Li, 500 mAh rechargeable
Power supply pack	DC 3.7 V; Li-ion rechargeable
Current drain transmitter	(1W); <1000mA
Battery life for Intercom	8 hours talk time, 200 hours of stand by time
Battery life for Bluetooth devices	9 hours talk time on phone, 10 hours of Music
Operating temperature	-20C + 60C
Dimensions	36(H) x 75 (W) x 20 (D) mm
Weight	2 oz. (with battery)