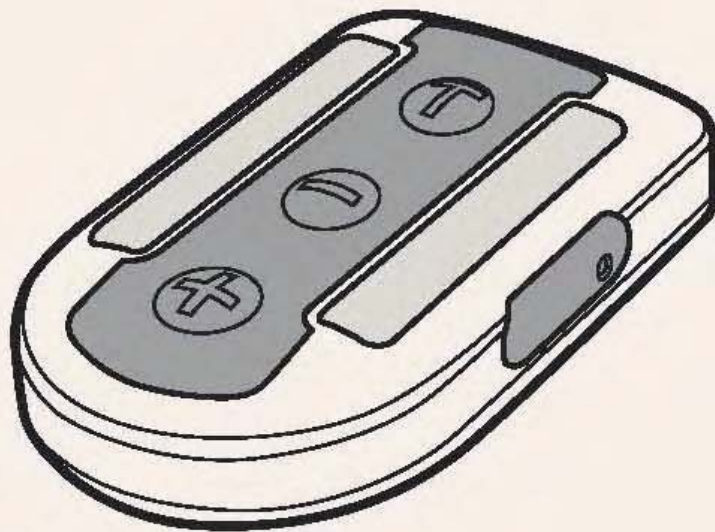




**HARLEY-DAVIDSON**  
ROAD TECH™ BLUETOOTH® HEADSET SYSTEMS  
**INSTRUCTION MANUAL**



## **Congratulations on your purchase of the HD Motorcycle Bluetooth Headset System!**

Thank you for purchasing our product.

This manual is for ROAD TECH-600BH.

Please read this instruction manual thoroughly for proper usages and application before connecting and operating the equipment.

HD owns all intellectual property rights including copyrights of instruction manual, hardware and related software of ROAD TECH-600BH which will be protected by the Copyright Act.

Without HD's written permission, they cannot be copied, re-printed or translated into other languages.

Design and specifications are subject to change without notice.

### **1 YEAR LIMITED WARRANTY**

- **HD products are warranted with a 1 year limited warranty. The warranty period is 1 year from the date it was purchased.**
- **In order to ensure the highest warranty quality, you must complete and send in the attached registration/warranty card and a copy of your original invoice. HD authorized dealer reserves the right to request the above documents.**
- **Keep the original package in case your system needs to be returned or repaired.**
- **The limited warranty does NOT cover physical damage such as misuse, modification, incorrect installation, unauthorized service, and normal wear and tear. It also does not cover damage by accident or abuse caused by improper cleaning or care.**
- **HD shall not be liable for any damages or injury to persons or property which occurs while wearing a HD Bluetooth headset system.**



## WHAT IS BLUETOOTH?



Bluetooth wireless technology is a short-range communication system intended to replace the cables connecting portable and/or fixed devices used for communication.

### How to Use Bluetooth System

Connect two or more Bluetooth devices on your wireless network system via subsequent setup process and entering the PIN code provided. Once the Bluetooth devices are connected, you are free to listen to music or have a phone call via Bluetooth headsets without any cables.

**Static noise or signal interference can occur depending on the environment. Situations prone to cause signal interference include below but is not limited to**

- 1) When holding the Bluetooth module while wearing the headset on the ears or while holding a cell phone, the human body can interrupt signals between the devices.**
- 2) When the external signal receptor of the Bluetooth module, headsets, or cell phone touches the human body.**
- 3) When a wall or furniture blocks the signal.**
- 4) When satellites, electromagnetic waves or wireless internet connections interrupt the signal in the same range of frequencies.**

When the bluetooth module and headsets, cell phone or external signal receptor gets further apart than the limited distance, the pairing between the devices can be disconnected. Place the bluetooth module and connected device near each other while pairing. Static noise or signal interference can occur while underground or in industrial areas. This Bluetooth system may not be compatible with some navigation or GPS systems. The volume on the speaker of the Bluetooth headset can be low due to the wind sound while over-speeding. Please observe the speed limit.

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## SAFEGUARD INSTRUCTIONS

Please read the "Safeguard Instructions" carefully before using this product. Following these safeguard instructions prevents users from any damage related with the misuse of this product. It is very important that users follow these instructions. We state "Caution" and "Warning" to indicate any potential for damage associated with the misuse of the product.

### Warning



Indicates a potentially hazardous situation, which if not avoided, could result in death or serious injury

### Caution

Indicates a potentially hazardous situation, which if not avoided, could result in property damage.

### Caution



Indicates a potentially hazardous situation, which if not avoided, could result in moderate or minor injury

### About signs



"Potential Injury Hazard"











"Do Not"













"Follow Directions Carefully"



## WARNING





-  **Do not use in water. Do not pull the plug with wet hands.**  
- This could cause electric shock.
-  **Do not use unapproved power voltage.**  
- This could cause fire or electric shock.
-  **Do not use damaged electric cord.**  
- This could cause fire and/or electric shock.
-  **Do not place electric cord near a heating product.**  
- The cord surface could melt and cause fire and/or electric shock.
-  **Do not disassemble, repair, or modify if you are not an authorized service person**  
- This could cause electric shock and or malfunction.
-  **Do not pull the cord line when you unplug it.**  
- It could damage cords and cause fire and/or electric shock.
-  **Place the product where it does not block the rider's view.**  
- This could obstruct the view and could result in death or serious injury.
-  **Keep electric cord properly positioned.**  
- An improperly positioned electric cord may cause fire or electric shock when metal material is in contact with a power source.

-  **Do not operate with wet hands or get the product wet.**  
- It could cause damage and electric shock.
-  **Do not put metallic materials such as pins and needles in the hole and between the cracks of the product.**  
- It could cause fire, electric shock and damage.
-  **In case of fire, stop using immediately.**
-  **Do not use water, a thinner or solvent to clean the product.**  
-It could cause damage and fire.
-  **Keep the product unplugged when not in use.**  
-It may cause fire and electric shock from overheating.
-  **Do not use if you observe or smell smoke coming from the product.**  
-This could be a fire hazard.
-  **Do not place the product in areas of very high temperature, where there is a sudden increase in temperature and/or indirect sunlight for long period of time.**  
-This could cause fire, electric shock and/or malfunction.
-  **Stop using the product immediately when dropped, thrown or there is damage to the outside shell.**  
- Continuous use could cause fire, electric shock and/or malfunction.
-  **Unplug the product when not in use for a long period of time.**  
- It could damage cords and cause fire and/or electric shock.
-  **Unplug the product and remove cords when moving.**  
- It could damage cords and cause fire and/or electric shock.



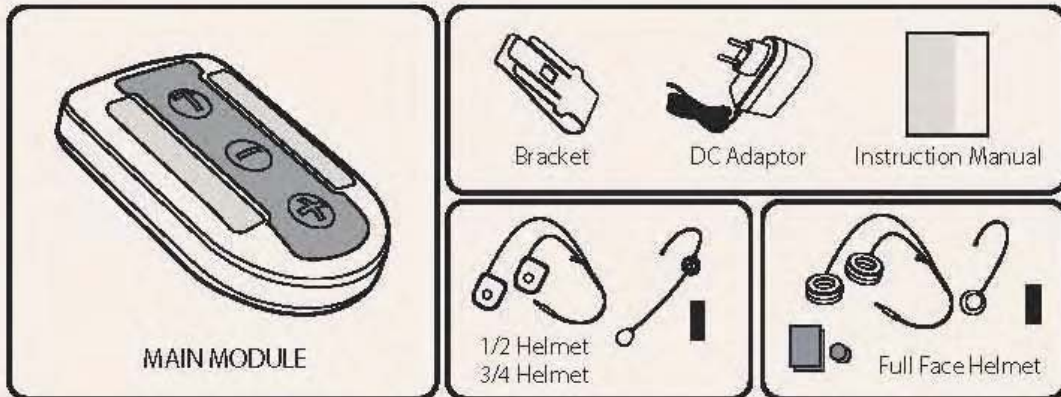
## **CAUTION**

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-  **Keep the product firmly secured on the helmet.**  
- Otherwise the unit could separate from the helmet during use.
-  **Use a dry cloth when you clean the exterior of the product.**
-  **Clean the product often.**  
- Dust build up could cause malfunction.
-  **Do not put the product in an unstable place where the product may be exposed to shock and/or impact.**  
-The product could fall and get damaged.



## CONTENTS



**Do not use this product in the following conditions.**

- High in humidity or bad ventilation
- Dusty or oily conditions
- Low temperatures below -20 degree Fahrenheit

## HEADSET CHARGE

This headset is powered by a lithium polymer battery.  
Use the device after charging the battery completely.

- Display device : RED LED
- When the unit is charging the RED LED turns on, and when charging is complete, the RED LED turns off.
- Separate charger from Headset after the RED LED turns off.
- When battery is low, a beeping sound will ring.

**Please use the DC adapter provided by HD.  
Use of an unapproved adaptor may cause damage.**

**If you find any strange occurrences or malfunction in the product or any foreign substance gets into the product, please contact M-Sonics customer service at 1-866-506-2443.**

## PRODUCT FUNCTION CHECK

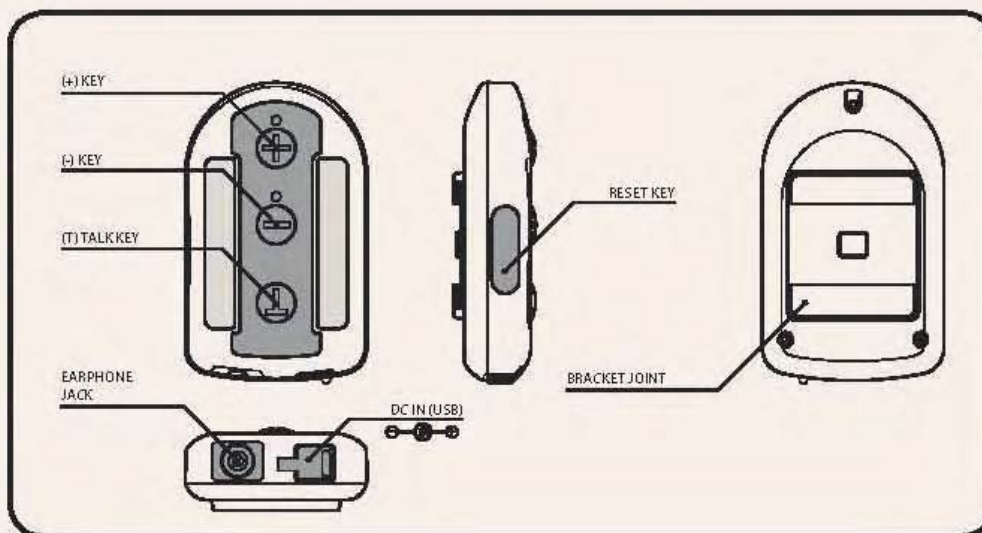
### Phone Feature

- Auto call answering
- Making calls
- Calling the last number dialed
- Transfer Dialing
- Voice Dialing
- End call function
- Volume control (up/down)

### Music Feature

- To play music
- To stop music
- Volume control (up/down)

## NAMES AND FUNCTIONS OF EACH PARTS



KEY	FUNCTION
(+)KEY	Volume UP
(-)KEY	Power ON/OFF, Volume DOWN, Pairing
TALK KEY [(T) KEY]	Last number redialing, Transfer dialing Voice dialing, End call
RESET KEY	Power OFF in various active states



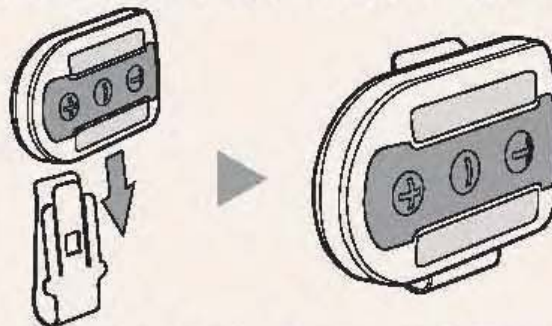
## KEY OPERATING TIMES AND STATUS

MODE	KEY	TIME	LED STATUS	BEEP
Power ON	[(-)KEY]	3 sec.	Flashing for 2 sec., then stand-by mode	3 times
Power OFF	[(-)KEY]	3 sec.	Flashing for 2 sec., in every 100ms	3 times
Stand-BY	-	-	Every 100ms 1X flashing / sec.	-
Pairing	[(-)KEY]	7 sec.	Flashing in every 100ms until completed(Max. 3 min.)	5 times
Connected	-	-	-	4 times
Dialing	-	-	-	Sound
Last Number Dialing	[(T)KEY]	Quick	-	Once
Voicedialing	[(T)KEY]	2 sec.	-	-
Transfer Call	[(T)KEY]	2 sec.	-	Twice
End Call	[(T)KEY]	Quick	-	-
MusicPLAY/STOP	[(+)(-)KEY]	1 sec.	Flashing twice for 2 sec.	-
Low Battery Status	-	-	Interval beeping every 30 sec.	Twice
Charging	-	-	RED LED ON before fully charged	-

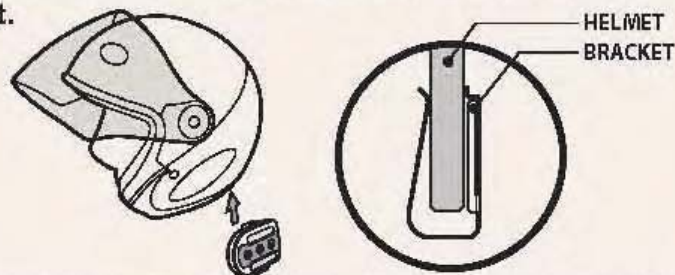
## HEADSET MOUNTING AND DISMOUNTING

This process is applicable to 1/2 helmet, 3/4 helmet and full face helmet.

**STEP 1. Push down the Bluetooth main module into the bracket.**



**STEP 2. Fix the main module at the lower part of the helmet using the bracket.**



## HEADSET CARE

- Keep the power off when not in use.
- Keep in a cool place avoiding extremely high temperatures, and/or direct sunlight for extended periods of time such as inside hot vehicles.
- Keep accompanying parts in a dry place.

## HEADSET POWER ON/OFF

To POWER ON, press the [(-)KEY] for 3 sec. Press again for 3 sec. to POWER OFF.

- **POWER ON** : Press [(-)KEY] for 3 sec.
- **POWER OFF** : Press [(-)KEY] for 3 sec.

## VOLUME UP/DOWN

Press (+)KEY or (-)KEY to control volume when the device is turned on.

**Volume level is adjustable while the device is turned on.**

## HOW TO CONNECT YOUR HEADSET

### WARNING



Always stop motorcycle before using the phone. Using phone while riding can cause distractions which could lead to loss of control, resulting in death or serious injury.

### 1. Pairing Headset with cellular phone

Please pair the Headset to your Bluetooth device(ex. Cellular phone) before using. This process connects the two devices to enable the Bluetooth function. Select "**ROAD TECH-600BH**" in searched device list.

- 1) Press and hold [(-)KEY] button on the headset for approximately 7-10 seconds until the red indicator light flashes rapidly. (Initially, the red indicator light will blink; continue to hold the button until it flashes rapidly.)
- 2) Release the [(-)KEY] button when the red indicator light flashes rapidly.
- 3) From your Bluetooth cell phone, perform a Bluetooth device discovery or search mode. (Refer to your cell phone manual for detail instructions on Bluetooth devices searching)
- 4) Select **ROAD TECH-600BH**.
- 5) Select OK to pair your communication system with your phone.
- 6) Enter pass code "0000" if needed.

**In order to disconnect the cellular phone, disable the Bluetooth function on your phone. To reconnect the Bluetooth headset with your phone, enable the Bluetooth function on the phone and turn on the headset.**



## 2. Pairing Headset with Audio Device/MP3 Player

- 1) Press and hold [(-)KEY] button on the headset for approximately 7-10 sec. until the red indicator light flashes rapidly. (Initially, the red indicator light will blink slowly; continue to hold the button until it flashes rapidly.)
- 2) Release the [(-)KEY] button when red indicator light flashes rapidly.
- 3) From your Bluetooth audio device, perform a Bluetooth device discovery or search mode. (Refer to your Bluetooth audio device manual for detailed instructions on Bluetooth devices searching)
- 4) Select add new devices or search for new devices.
- 5) Select **ROAD TECH-600BH**.
- 6) Select OK to pair your communication system with Bluetooth device.
- 7) Enter pass code "0000" to pair.

## OPERATING INSTRUCTIONS

### WARNING



Always stop motorcycle before using the phone. Using phone while riding can cause distractions which could lead to loss of control, resulting in death or serious injury.

### 1. To answer a call

- 1) When the pairing of the Headset to your cell phone is completed, it is ready to answer and make calls.
- 2) The function of Auto Answer Call is included in this Headset and does not require additional key operation. Incoming calls are answered automatically.
- 3) Press [(T)KEY] briefly to disconnect.

### 2. To make a call

- 1) Last Number Dialing : Briefly press [(T)KEY] to call the last number dialed.
- 2) Voice Dialing : If you press the [(T)KEY] for 2 sec., voice prompt is announced. At this time, please follow the voice prompt to make a call.

**Please refer to the instruction manual of your cellular phone for voice dialing. The bluetooth voice dialing function is only compatible for the cellular phones that have a voice dialing option and registered for the stereo headset service.**

**If a cellular phone is disconnected from the headset due to the distance, the devices will automatically pair with each other once they are within 30 feet of each other.**

**Avoid using the [TALK(T) KEY] when the Bluetooth adaptor is paired with the headset.**



### 3. Listening to music

**WARNING**



Set volume; make music selections and other control adjustments before riding. Making these adjustments or selections while riding can cause distractions which could lead to loss of control, resulting in death or serious injury.

**In some region, the use of helmet mounted headset is prohibited. Check with local authorities and obey all application laws and regulations.**

1) Listening to music stored on a cellular phone

\_ Pair Headset with Cellular phone(audio built-in).

\_ Please refer to the cellular phone manual to find out how to select the music to play.

\_ To stop the music press (-)KEY and (+)KEY at the same time for 1 sec.

\_ To play the music again press (-)KEY and (+)KEY at the same time for 1 sec.

**On some cell phones, only MP3 files can be played. Check the format to see if the music files are stored as MP3's.**

2) To listen to music files stored in an audio device

\_ Pair Headset with an Audio device.

\_ Please refer to the audio device manual to play the music.

\_ To stop the music press (-)KEY and (+)KEY at same time for 1 sec.

\_ To listen the music press (-)KEY and (+)KEY at same time for 1 sec.

**Stopping / Playing music by pressing (-)KEY and (+)KEY for 1 sec. is only possible on audio devices and phones that have this feature.**

### 4. To talk on the phone while music is playing

**WARNING**



Always stop motorcycle before using the phone. Using phone while riding can cause distractions which could lead to loss of control, resulting in death or serious injury.

1) To talk on the phone while playing music files stored in your cell phone

\_ When there is an in-coming call while the music is playing, the music will mute and the headset will answer the call.

\_ **When the user hangs up the phone call by briefly pressing [(T)KEY] on the headset, the stopped audio device will return to playing mode.**

\_ **After the call is disconnected, the headset will resume playing the music.**



2) To use the phone while playing the music files stored in audio device

First, activate Bluetooth mode on the cellular phone.

Set Bluetooth to ON mode on the cellular phone so that it connects the Head set with the cellular phone.

Pair Headset to cellular phone.

Pair Headset with audio device to listen to music.

When you receive a call on your cellular phone while listening to music, the music will be disconnected and you can answer your call.

After the call is disconnected, the headset will resume playing music.

In order to connect the headset with an audio device and cellular phone at the same time, your cellular phone must be a mono version. (To check if it is mono or stereo, refer to the manual of your cell phone.)

If you press the [TALK(T) KEY] once briefly, the music is disconnected and cellular phone returns to call the last number dialed. Depending on the cellular phone, you may have to press the [(T)KEY] twice.

If the phone is powered off or disconnected from the headset, music will discontinue playing from the headset.

## BATTERY CHARGING and STANDARD USE TIME

Charging time	Talk Stand-BY time	Speak / Play
About 3 hours	120 hours	13 hours

## PRODUCT SPECIFICATIONS

Device name	ROADTECH-600BH
Bluetooth version	Version 2.0
Frequency range	2.402~2.480MHz
Transmission output	0.01mW
Wireless use distance	At max. 30 feet
Dimension	2"(W) x 3.5(H) x 0.8"(D)
Weight	1.3 ounces
Operating temperature	-20°C ~ +55°C
Adapter input	AC 100 ~ 240V, 50/60Hz
Adapter output	DC 5V, 1A

## **Getting the Most out of your Bluetooth Device**

### **1. The best condition to listen to music while driving :**

- 1) Open face helmet : Below 50 mph
- 2) Full face helmet : Below 60 mph

### **2. The best condition to have a phone call**

- 1) Open face helmet : Below 60mph
- 2) Full face helmet : Below 70 mph

### **3. Static noise**

- 1) When the headset is being paired with other bluetooth devices.
- 2) When the distance between the headset and bluetooth device is further than 30 feet.
- 3) When passing heavy radio signal interference areas.
- 4) When the pairing is disconnected.
- 5) When several bluetooth devices are being used at the same time.

### **4. For proper use of device**

- 1) Place the cell phone or audio device near the headset when riding, the ideal place to keep the headset includes pants, shirt, and jacket pockets.



## **REGULATORY INFORMATION**

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### **FCC Compliance Information**

This device complies with part 15 of 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.**

This includes interference that may cause undesired operation.

### **FCC WARNING**

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.



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Hereby, [Camos Co., Ltd.], declares that this [ ROAD TECH-600BH ]  
Is in compliance with the essential requirements and other relevant  
Provisions of Directive 1999/5/EC.

# MEMO

A large, empty rectangular area with a light beige border, intended for writing a memo. The area is currently blank.



**M-Sonics.com**  
**1-866-506-2443(toll free)**



VERSION 1.0