

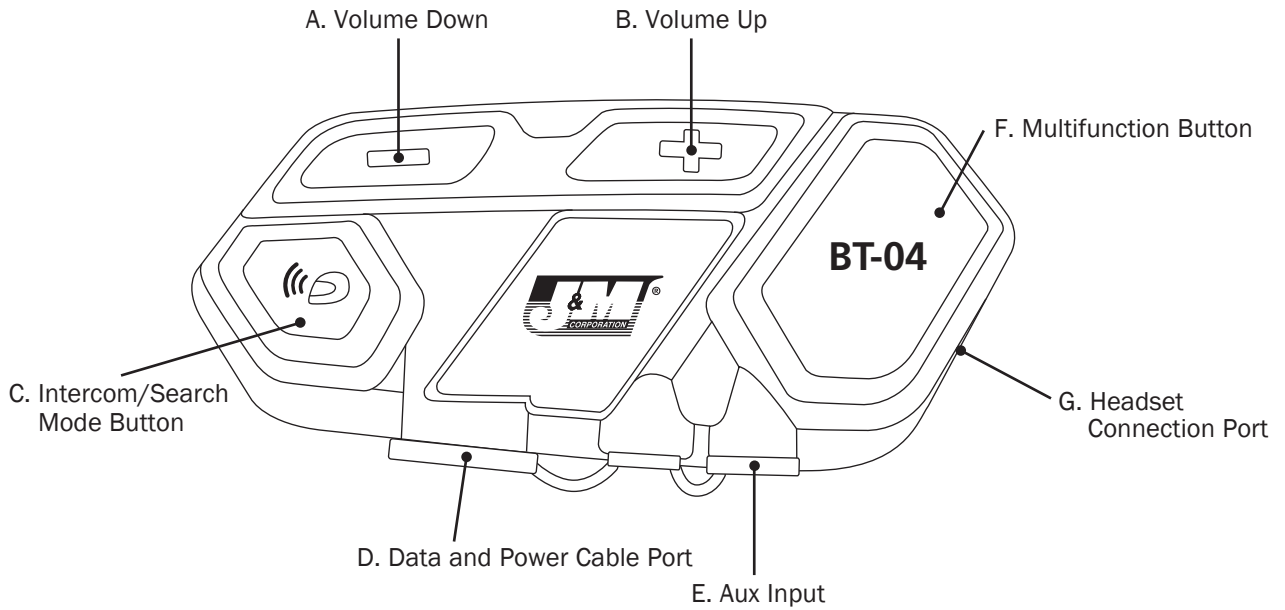
# Bluetooth<sup>®</sup> Helmet Headset

BT-04/BT-03+ Series



## Installation & Operation Instructions





#### 4. Controls and Functions

**A. Volume Down** – Controls step-down volume adjustment from the linked source, by pressing once momentarily for each step of volume reduction.

**B. Volume Up** – Controls step-up volume adjustment from the linked source, by pressing once momentarily for each step of volume increase. Press and HOLD for approximately 6 seconds to track-up to the next music song track.

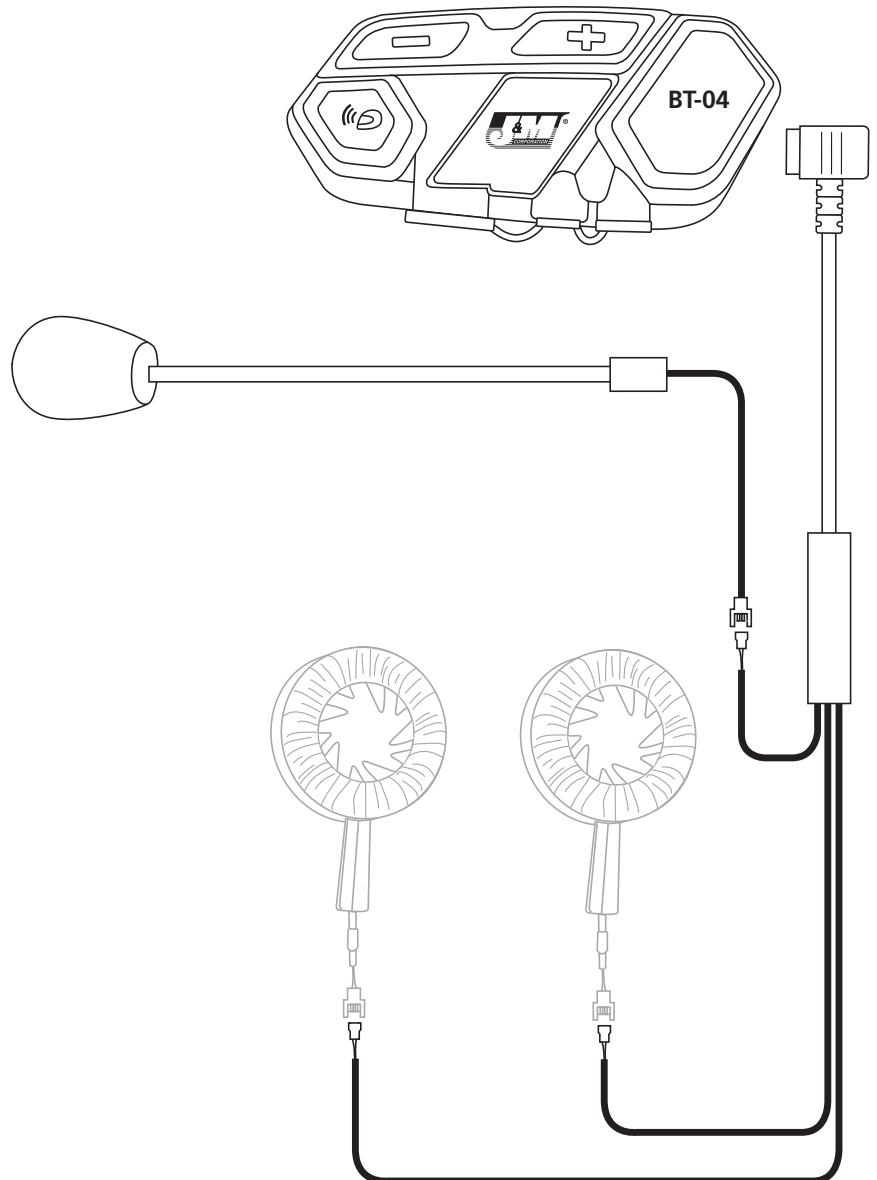
**C. Intercom/Search Mode Button** – Used for helmet-to-helmet intercom linking/activation and also for turning on/off the Headset together with the Multifunction Button.

**D. Data and Power Cable Jack** – This jack is used to plug-in the charge cable and for downloading updates to the internal software.

**E. Aux Input Port**

**F. Multifunction Button** – Used for turning on/off the Headset together with the Intercom/search mode Button, answering an incoming phone call and/or initiating voice-command dial functions.

**G. Headset Connection Port**

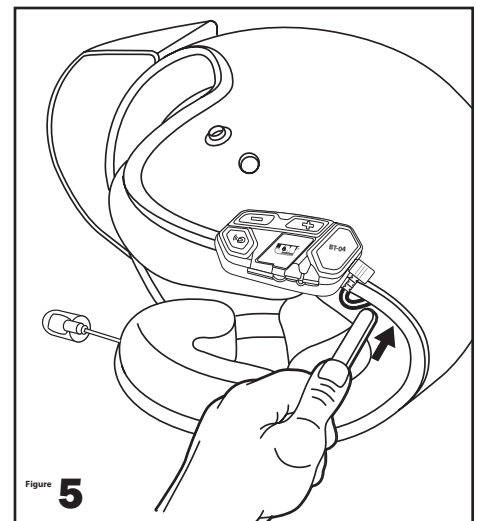
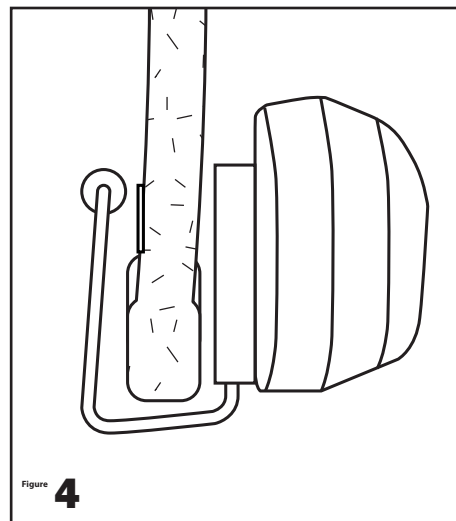
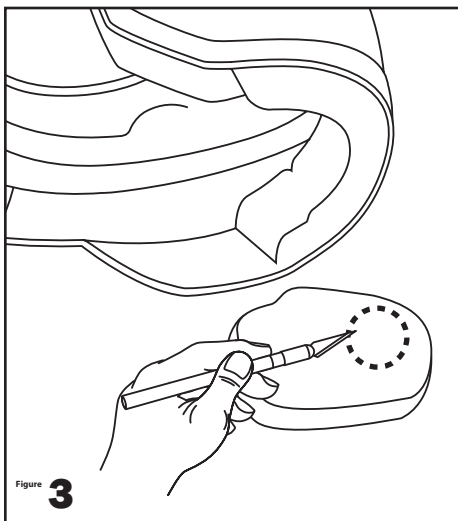
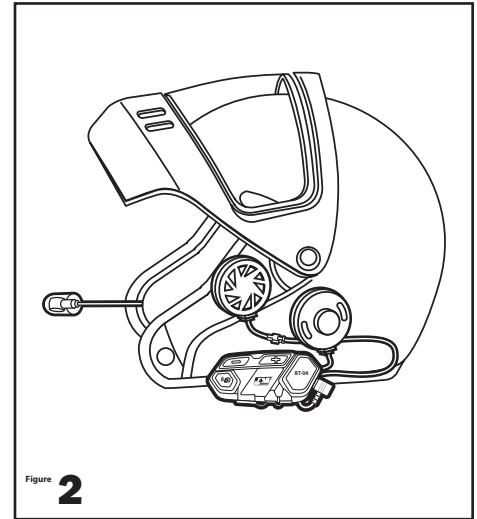
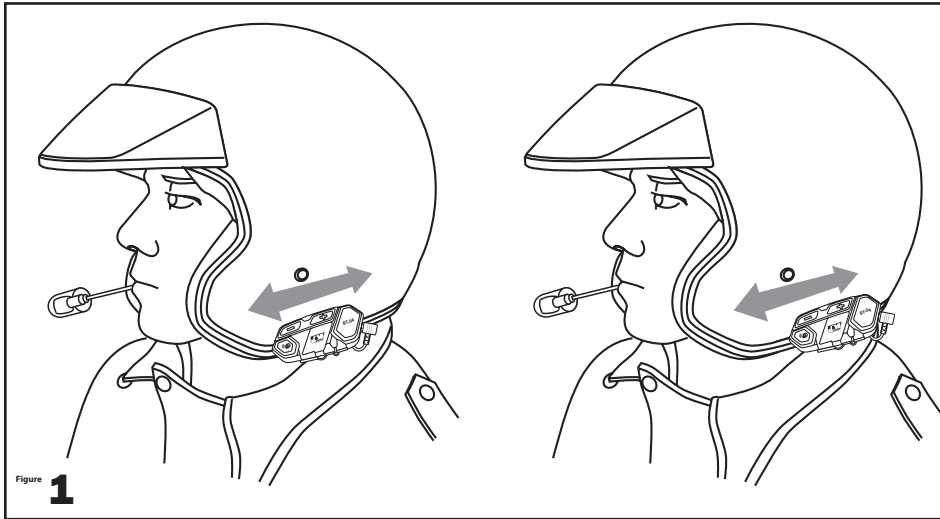


## 5A. Installation Instructions For Most Modular Flip-Up & Open-Face Style Helmets



### J&M BT-04 Series Helmet Headset Installation Instructions

**WARNING!** Helmet speakers may not be legal in all jurisdictions. Check your local laws BEFORE using this product. J & M Corporation cannot control the circumstances surrounding the sale of this equipment, the quality of installation, or the specific helmet into which this equipment is installed. Accordingly, J&M Corporation makes no warranties, expressed or implied, related thereto. A helmet with this equipment installed may not protect the user from injury. The user assumes all liability in conjunction with accidents, injuries or losses of any kind arising out of the use of this product. Additionally, this product should not be used in any way that would impair the user's ability to hear traffic or other noises. Accordingly, the volume should be kept low or off, depending upon the circumstances.



**IMPORTANT NOTE: Modern day helmets can present special challenges for wireless headset installation. If you do not feel you are up to the task, you may send your “un-modified” helmet to our factory in Tucson and we will perform the installation for a nominal fee. (Please call first to ensure that we are able to install a headset into your particular brand/model of helmet.)**

#### Installation into most Modular Flip-Up and Open-Face Style Helmets

1. Most modular flip-up and/or open-face style helmets have cheek pads that can be removed. Carefully do so at this time, paying special attention not to break or damage any of the polystyrene parts. (It is important to have the helmet fit and feel the same after the speakers are mounted as it did before the headset was installed.)
2. Using a headset speaker as a guide, mark the circular pieces of styrene to be removed from the back of the ear area of the nose section or the cheek pad. **See Figure 3.** With an Exacto® knife, cut a hole slightly

smaller than the speaker so that the speaker will “press fit” into the hole without damaging the styrene. An airtight seal is necessary to preserve bass response as the sound pressure from the back of the speaker housing should not be allowed to mix with the sound pressure from the front. Also, be careful not to cut or damage the fabric lining.

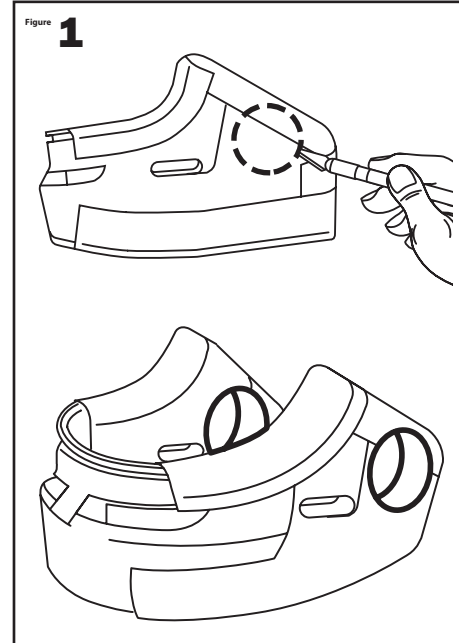
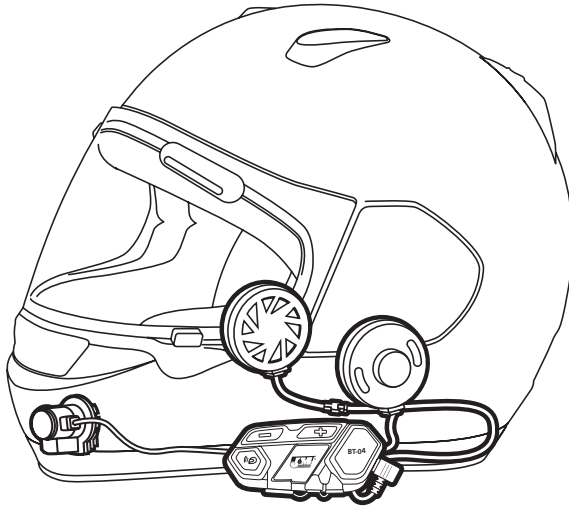
3. Position the boom microphone on the right inside portion of the helmet so that the microphone lines up with the wearer's mouth. Then remove the backing from the tape on the pre-gummed mounting square and press it into place inside the helmet. (Note: this area should be cleaned with rubbing alcohol prior to sticking the microphone in place.)
4. Slide the mounting clamp into the proper position on the left bottom edge of the helmet, peel the backing off the double-sided tape, press the clamp-on mounting plate assembly firmly into place, then install the BT-04 module on to the mounting-plate. **See Figure 4.**
5. Using the enclosed wooden tool, carefully push the speaker wires into the gap between the helmet liner and shell. **See Figure 5.**

## 5B. Installation Instructions For Most Full-Face Style Helmets



### J&M BT-04 Series Helmet Headset Installation Instructions

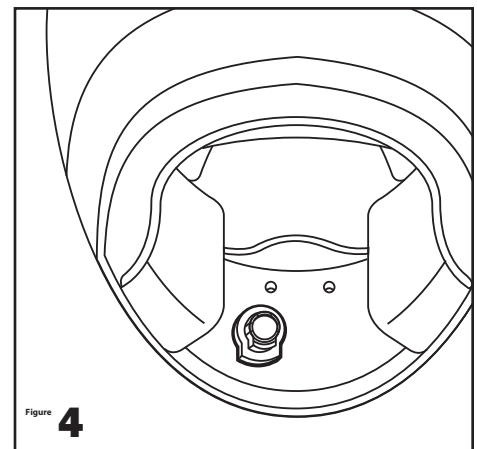
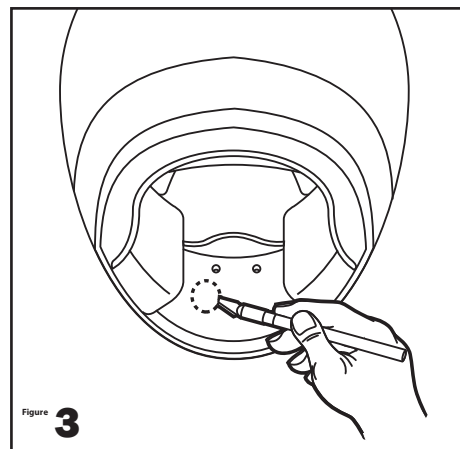
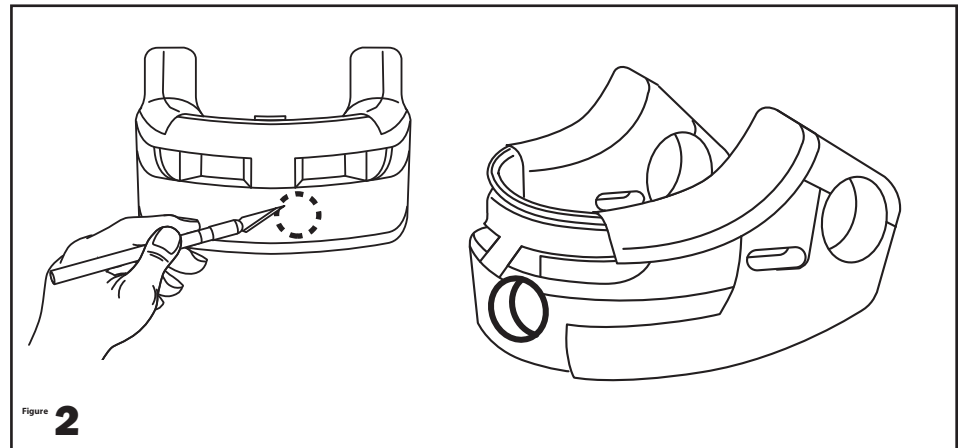
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**IMPORTANT NOTE:** Modern day helmets can present special challenges for wireless headset installation. If you do not feel you are up to the task, you may send your "un-modified" helmet to our factory in Tucson and we will perform the installation for a nominal fee. (Please call first to ensure that we are able to install a headset into your particular brand/model of helmet.)

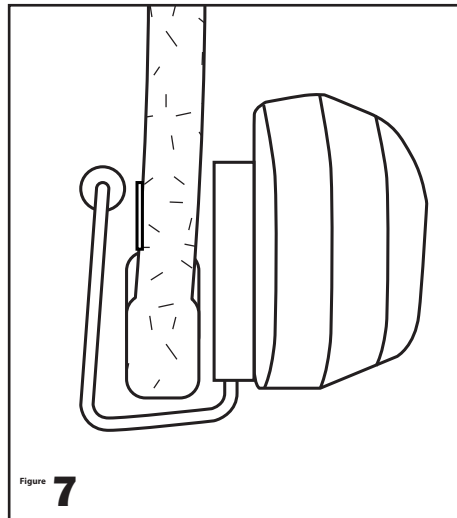
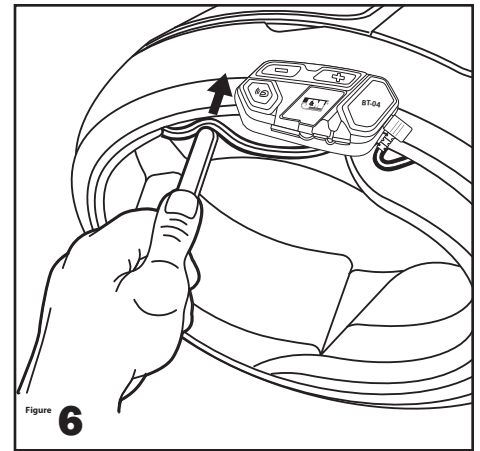
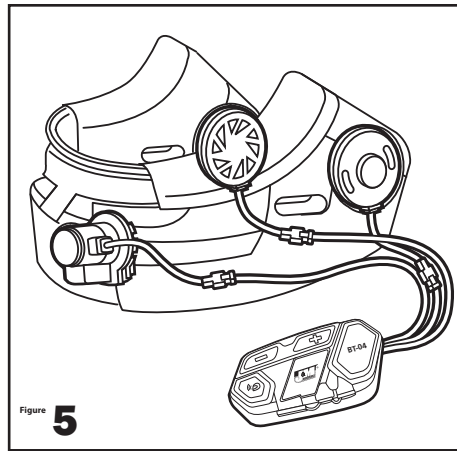
#### Installation into Full-Coverage Style Helmet

1. Most full coverage-style helmets have cheek pads or a complete nose section that can be removed. Carefully do so at this time, paying special attention so as not to break or damage any of the polystyrene parts.
2. Using a headset speaker as a guide, mark the circular pieces of styrene to be removed from the back of the ear area of the nose section or the cheek pad. **See Figure 1.** With an Exacto® knife, cut a hole slightly smaller than the speaker so that the speaker will "press fit" into the hole without damaging the styrene. An airtight seal is necessary to preserve bass response as the sound pressure from the back of the speaker housing should not be allowed to mix with the sound pressure from the front. Also, be careful not to cut or damage the fabric lining
3. Locate an area in the nose section just to the left of the center to mount the microphone. **See Figures 3 & 4.** Make sure that this placement will not interfere with any venting mechanisms or other parts of the helmet upon re-installation of the nose section.



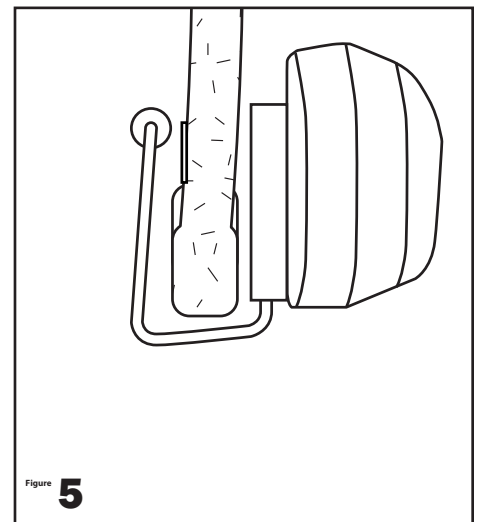
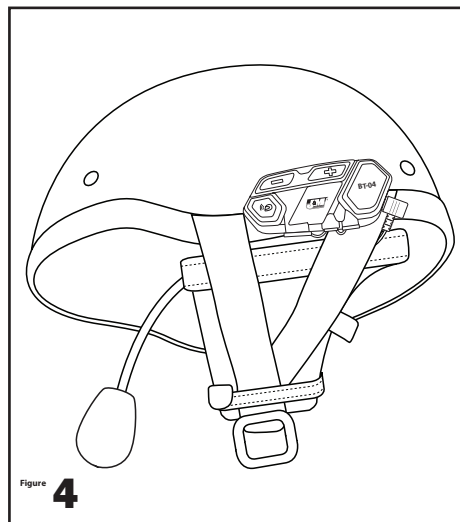
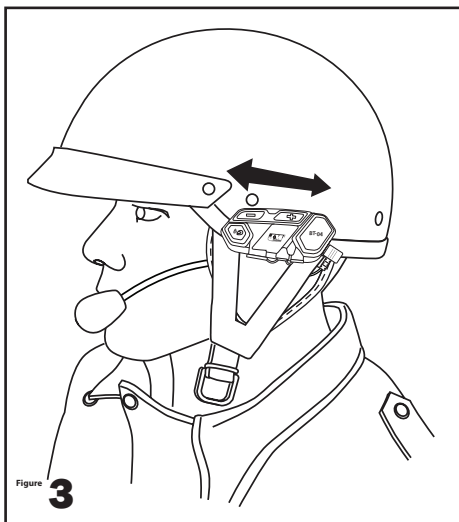
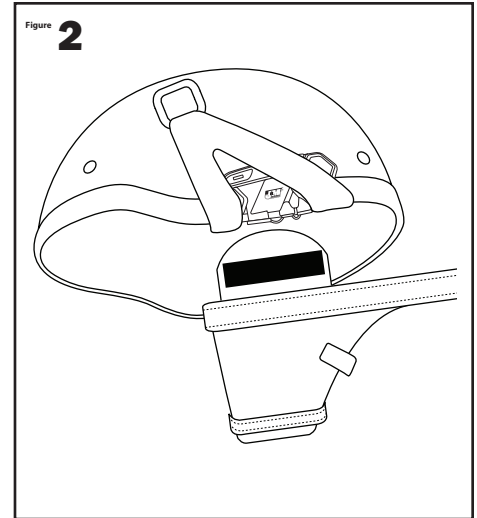
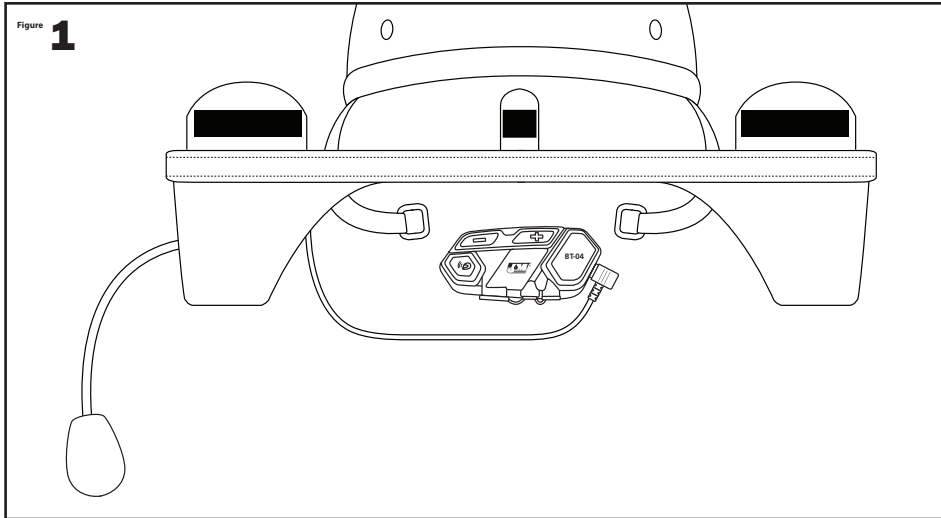
Using an Exacto® Knife, cut out a hole of sufficient size to allow the microphone to be mounted through the nose section and be pressed against the inside shell. **See Figure 3.** Insert the microphone cartridge through the hole from the back side, Install the rubber boot and push the mike back into the hole from the front side

4. Place the speakers into the cheek pads. **See Figure 5.**
5. Clean the inside of the helmet shell where the speakers will be positioned with a cloth dampened with alcohol. Peel the backing from each supplied hook and loop fastener pad and press it into the proper position for the speakers to contact when the helmet is re-assembled.
6. Reinstall the nose section and/or cheek pads. Push the speakers firmly against the hook and loop fastener pads.
7. Slide the mounting clamp into the proper position on the left bottom edge of the helmet, peel the backing off the double-sided tape, press the clamp-on mounting plate assembly firmly into place, then Install the BT-04 module on to the mounting-plate. **See Figures 6 & 7.**
8. Using the included wooden tool, carefully push the wires into the gap between the helmet liner and shell. **See Figures 6.**



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### Installation into Shorty Style Helmets

1. Install the headset by first inserting the small center tab on the headset into the back of your helmet between the interior and outer shell of your helmet. **See Figure 1.**
2. Insert the large tab on the left side of the headset into your helmet in the same manner making sure that the headset tab is on the inside of the retention strap on your helmet. **See Figure 2.**
3. Repeat this procedure for the right side.
4. Reposition both sides of the headset as necessary so that both speakers are correctly positioned over your ears.
5. Slide the clamp into the proper position on the left bottom edge of the helmet shell, peel the backing off the double-sided tape, press the clamp mounting base into place, then Install the Bluetooth module on to the mounting-plate. **See Figures 3, 4 & 5.**
6. Complete the installation by plugging the headset into the BT-04 module and then routing both helmet straps through the small retention loops on both sides of the headset. **See Figure 4.**





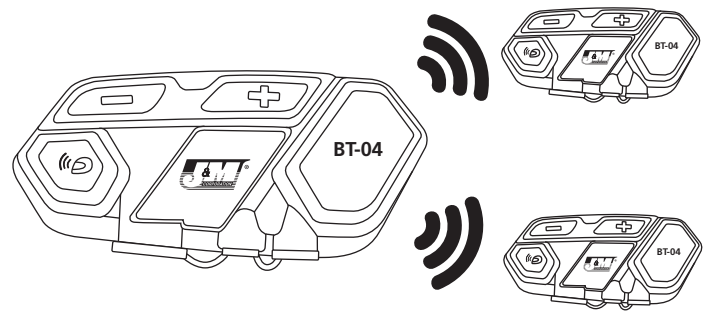
## Pairing and Operation of the BT-03+/BT-04 Headsets in Helmet-to- Helmet Intercom Mode.

Up to 3 Other J&M Bluetooth Headsets

1. Press and hold intercom/search mode button (C) and multifunction button (F) together until both headsets turn-on.
2. Put headset #1 into intercom linking mode by depressing & holding the multifunction button (F) for approximately 4 seconds until the multifunction button LED rapidly alternates between red/blue flashing.
3. Now put headset #2 into pairing mode by pressing and holding the intercom mode button (C) for approximately 4 seconds until the multifunction button LED rapidly alternates between red/blue flashing.
4. Then physically move BOTH headsets to within 4" of each other to ensure that they will ONLY pair to each other in simple secured pairing mode. (SSP)
5. Headsets are paired together when both red/blue flashing turns to a slow pulsing blue on each headset.
6. Now momentarily press the intercom/search mode button (C) once on headset #1 to deactivate intercom mode.
7. Once this is complete, now either headset can activate and deactivate intercom conversations by pressing their own individual intercom button.

## Pairing and Operation with a Bluetooth Enabled GPS Command Center.

1. Put the BT-03+/BT-04 control head into pairing mode by pressing and holding down on the multifunction button (F) for approximately 4 seconds until you see a rapid red/blue alternating flash.
2. From the menu on the GPS command center, go into the Bluetooth section and search for "headset". When JMCORP\_BT04 is displayed on your screen and you are asked for a passkey, enter: 0000. Your device should now pair with the headset.
3. If you wish to use headset cell-phone functions simultaneously with your GPS command center, you will need to link the cell phone direct to the GPS unit as per the linking/operation instructions included with your particular unit.
4. If any one of the headsets receives an incoming navigation command from the GPS/or cell-phone call, the helmet-to-helmet intercom operation will be interrupted. Once the navigation command or cell- phone call has been terminated from the GPS, the intercom, (if active) will return.
5. Use the volume-up (B) or volume-down (A) buttons on the headset to adjust the music volume, navigation command volume and/ or cell/ smart phone volume levels.
6. Additional music, navigation command and cell phone volume adjustments can usually be made inside the GPS command center itself, but the flexibility of these adjustments depends totally upon the particular brand/model of the GPS unit you are using.



## 8. Operation/Linking Instructions for 2018-2019 Honda Gold Wing

### Headset & Cell Phone Linking

The features, linking scenarios and operations listed below are what you can expect with the BT-04/BT03+ software version v00.1.5.

1. Rider to link their headset to the Rider HS feed from the Bluetooth system menu.
2. Rider to link their cell phone to the Bluetooth system on the Wing OR plug-in their iPhone to the system USB for Apple Car-Play functions.
3. Passenger to link their headset to the Passenger HS feed from the Bluetooth menu system.
4. Passenger to link their cell phone direct to their own BT-04 headset (NOT to the audio system on the Wing)
5. Rider and Passenger headsets to be linked together in simple secured pairing mode (SSP) for "Private" helmet-to-helmet intercom conversations.

### How To Listen to Music

At this point both rider and passenger can take advantage of their own music source coming from the audio system using Honda's dual-zone technology with all headset music volume adjustments made from the handlebar and/or rear controls so that there is never any need to "Fiddle" with volume adjustments on the headset.

The Passenger can also listen to their own music source available from their linked cell phone, while still being available for helmet-to-helmet intercom conversations.

### How To Answer Rider Cell Phone

When an incoming cell-phone call is received thru the system, the rider will view on screen and make the selection to answer or reject the call with the handlebar controls.

The FIRST time the Rider will talk on the phone, the BT04 headset volume needs to be adjusted to maximum with the volume + (up) button on the headset, and then all subsequent volume adjustments while talking on the Rider's cell phone will be made with the Wing's handlebar volume control.

### How To Answer Passenger Cell Phone

When an incoming call is received by the passenger headset, the music will mute and a ring-tone will be heard in the passenger headset only.

If the passenger wishes to answer the call, they will momentarily press their headset's multifunction button one time.

## AUX Input Cable Operation.

1. Connect the 2.5mm plug on the end of the aux input cable and the other end to your music device and play.
2. All music volume adjustments to be made from the aux device are to be made on the music device itself.

When the passenger is finished talking, they can simply wait for the other party to hang up or they can terminate the call with a single press on the headset's multifunction button.

With the Passenger's headset, all cell phone call volume adjustments are made on the headset itself with the vol-up (+) and vol-down (-) buttons during actual cell phone conversations and the headset will remember these volume settings for subsequent cell phone conversations.

### **How to Use Rider-to-Passenger Intercom**

Once the Rider and Passenger headsets have been linked together for "private" helmet-to-helmet communications, either can activate or terminate the intercom function with a single press on the intercom button on either headset.

When in helmet-to-helmet intercom mode, intercom volume adjustments are made on the headsets themselves with the vol-up (+) and vol-down (-) buttons only.

These intercom volume adjustment settings will be remembered by each headset so there will be no need to "fiddle" with them each time the helmet-to-helmet intercom function is activated.

### **How To Use 40-CH CB Radio**

After starting the bike and music is playing into the Rider and Passenger headsets, lower the CB squelch setting to level 1 and confirm that the CB background static noise is heard in the headset.

Then adjust the headset volume to maximum FIRST with the volume + (up) button on the headset itself, then all subsequent CB radio volume adjustments are to be made using the handlebar volume control. (For the duration of that ride sequence)

Then turn the CB squelch control back up to about level 8, or however high is necessary to remove the background CB static, at which time the music will return to both the Rider and Passenger headsets.

If the Rider or Passenger wish to talk over the CB radio, simply depress either the handlebar mounted CB PTT switch or activate CB TX from the passenger controls, if your Wing is so equipped.

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Thank you for the confidence you have shown in J&M Corporation by purchasing one of our innovative products.

