

INSTALLATION AND OPERATION GUIDE

Thank you for purchasing a MotoComm Wire Series communication headset. The MotoComm Wire system is designed to provide motorcycle and powersport enthusiasts with a convenient, easy to use, headset system for bike-to-bike communications at an affordable price. With proper care and use, your system will provide you with years of enjoyment and added safety while riding. Please read the entire instruction manual before using your system. If at any time you have questions regarding this product please contact MotoComm. Enjoy your MotoComm system and ride safe.

- The MotoComm Staff

CONTENTS

Your MotoComm system comes with the following items. If any items are missing please contact MotoComm immediately.

- 1pc Helmet Headset with Fixed Microphone (Part No. MC-5)
- 1pc Handlebar Mount Push-To-Talk (PTT) Switch (Part No. MC-PTT)
- 1pc 3-Way Interface Cable (Part No. HTS-UNIV)
- 1pc Adapter Cable for Handheld 2-Way Radio (Part No. VXS-)
- 1pc 6pin Mini DIN Coiled Extension Cable for Headset (Part No. EXT-6)
- 1pc Hook-and-Loop Material Cable Tie
- 1pc Adhesive Backed, Hook-Side Circle

WARNINGS AND CAUTIONS

- In some states it is illegal to have speakers inside a helmet. Please check with your state and local laws before using this product.
- Do not attempt to operate any controls on this product or other accessories while in motion on a motorcycle or vehicle. Never take your attention away from the safe operation of the motorcycle or vehicle or the roadway.
- The installation and mounting of this product should not interfere with the safe and normal operation of the motorcycle or vehicle. Improper installations that interfere with the operation of the motorcycle or vehicle may lead to damage of property, injury and/or loss of life.
- Do not attempt to adjust or mount the headset or controls while operating a motorcycle or vehicle. Attempting to adjust or mount any part of this product while operating a motorcycle or vehicle may lead to damage of property, injury and/or loss of life.
- Do not raise the speaker volume so that it interferes with the hearing of traffic and other external noises.
- Install and operate this product according to the instructions. Improper installations and use may lead to damage of property, injury and/or loss of life.
- Do not put excessive force or strain on the cables or other components of this product.
- By purchasing and/or using this product you are agreeing that RF Limited (the manufacturer of MotoComm products) and its subsidiaries are not liable or responsible for any accidents, property damage, injuries, or fatalities that may or may not be caused, directly or indirectly, by use of any of its products. If you do not accept this agreement, please return the purchased item, unused and in new condition, to the place of purchase.

PRE-INSTALLATION

Test for Proper Functioning Prior to Installation

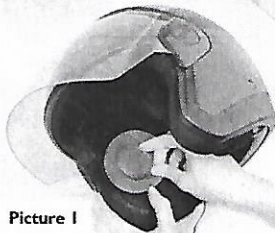
- a) When new, the mini DIN connectors will be a very tight fit and difficult to connect together. On all connections, CAREFULLY line-up the arrows on the connectors and firmly push together. Leaving the connectors mated for several hours will help 'mould' them together and make subsequent connections easier.
- b) Connect male 6pin on MC-5 to female 6pin on EXT-6.
- c) Connect male 6pin on EXT-6 to female 6pin on HTS-UNIV.
- d) Connect female 4pin on MC-PTT to male 4pin on HTS-UNIV.
- e) Connect female 6pin on VXS cable to male 6pin on HTS-UNIV.
- f) Turn on your 2-way radio, and using another 2-way radio of the same type, tuned to the same channel, test the system unit for proper operation.
- g) Push and hold the PTT switch to transmit, and speak into the helmet headset microphone to test.
- h) Using the other 2-way radio, transmit to the system to test the speakers and receive audio.
- i) If you experience any problems or a function does not appear to operate properly, please contact MotoComm at 1-877-624-6869 for help. If all functions appear to operate properly, please proceed with installation.

HELMET HEADSET INSTALLATION

- a) The speakers must be attached directly to the helmet liner or underneath the helmet liner as long as the liner is thin and does not muffle the speaker audio.
- b) For best results and maximum comfort, try to position the speakers so they line-up directly with the ear or slightly in front of the ears. Do not mount the speakers anymore than ¼ inch, in any direction, away from your ears!

NOTICE: If the speakers are mounted too far away from the ears, or underneath a thick liner or helmet foam, it will be difficult to hear the speaker audio over loud wind and road noise.

- c) To mount the speakers, remove the adhesive-backed piece of hook-and-loop material from the speaker.
- d) If attaching the speaker directly to the helmet lining it is recommended to NOT use the adhesive-backed piece. To attach directly to the helmet lining, simply push the speaker onto the lining in the appropriate location. The hook-and-loop material on the speaker cushion should provide enough strength to hold the speaker in place. See picture 1.
- e) If attaching the speaker to the inside surface of the helmet shell or other smooth plastic surface, then it will be necessary to use the adhesive-backed material. Peel off the adhesive backing and firmly press the hook-and-loop piece into place. Then reattach the speakers to the hook-and-loop piece.
- f) Route the speaker wires under the helmet liner or cheek pad so that the wires do not interfere with taking the helmet on and off. Tape may be used to secure the speaker wires to the inside of the helmet shell.
- g) The microphone must be attached directly to the helmet liner (or inside surface of the helmet) as close to the rider's mouth as possible. To get the microphone within the required distance from the mouth, the microphone may be mounted anywhere along the chin bar portion of the helmet. The microphone may be mounted directly in front, or to one side, of the mouth.



Picture 1

ACCESSORIES

EA-1 – Earphones Adapter

Want to use earphones in your helmet? The EA-1 earphones adapter allows just this. Unplug the helmet speakers and connect the EA-1 to supply you with a standard 3.5mm stereo jack for your earphones.



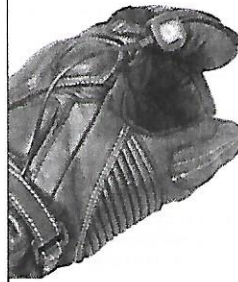
EXT-4 – Coiled Extension Cable for PTT Line

The EXT-4 is a coiled extension cable for MotoComm PTT switches. The EXT-4 plugs inline with the PTT switch and provides up to 2 additional feet of cable. A big convenience for special mounting situations.



FG-PTT and FGL-PTT – Mini (Finger-Mount) PTT Switch

The FG and FGL mini PTT switches measures 0.75 x 0.75 x 0.25 inches and feature a mounting strap for attaching the switch to almost any location – including a handlebar grip or gloved finger. FG-PTT cable is 20 inches long and the FGL-PTT cable is 50 inches long (for routing cable down the arm through a sleeve or jacket).



LIMITED WARRANTY

MotoComm warrants that this product is free from defects in materials and workmanship under normal use and conditions for a period of ninety (90) days from the date of original purchase. This warranty is limited to the original purchaser of the product and is not transferable. Any implied warranties are limited to ninety (90) days. This warranty does not cover damage which results from modification, accident, misuse, abuse, fire, flood, lightning or other acts of nature or damage resulting from repairs or alterations performed other than by MotoComm. This warranty gives you specific legal rights, and you may also have other rights, which vary, from state to state.



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NOTICE: The type of microphone element that is used is designed to be 1/4 to 1/2 inch away from the mouth. The further away the microphone is from the rider's mouth, the louder the rider will need to speak. Most riders find that it is necessary to make several test rides with their new system to test the position of the microphone. If you experience a lot of wind noise and interference in your communications, try moving the microphone further up inside the helmet – away from wind sources.

- h) To mount the microphone, remove the adhesive backed hook-and-loop piece from the back side of the fixed microphone.
- i) If attaching the microphone directly to the fabric lining of the helmet it is recommended to NOT use the adhesive backed hook-and-loop fastening tape. The microphone should stick to the fabric lining of the helmet by itself.
- j) If you are mounting the microphone to a smooth hard surface, then it will be necessary to use the adhesive backed piece.
- k) Route the microphone wire under the helmet liner or cheek pad so that the wire does not interfere with taking the helmet on and off.

Securing Large Cable

- a) Locate the hook-and-loop cable tie and the 2-inch piece, adhesive backed hook-side material. Remove or separate the cheek pad from your helmet.
- b) Loop the hook-and-loop cable tie through itself so that the loop side (soft side) is facing towards you and away from the inside of the helmet shell. Pass the large cable through the hook-and-loop cable tie. See Picture 3.
- c) Tighten the hook-and-loop cable tie down on the large cable. The hook-and-loop cable tie should be tight enough to make sliding it down the large cable difficult. See Picture 4.
- d) Peel the backing off the 2-inch diameter piece of hook material and firmly adhere it to the loop side hook-and-loop cable tie. See Picture 5.
- e) Firmly adhere the assembled pieces to the inside of the helmet shell. Depending on your helmet, you may be adhering this to foam or the inside surface of the helmet shell. See Picture 6.
- f) Fold the hook-and-loop cable tie over the 2-inch diameter piece and trim off any excess material on the hook-and-loop cable tie. See Picture 7.
- g) Reinstall or reattached the cheek pad and gently tug on the large cable to test cable strain relieving.

PUSH-TO-TALK (PTT) SWITCH MOUNTING

CAUTION: Do not install the push-to-talk (PTT) switch on the throttle grip of the handlebar! Do not install the PTT switch in any location that may interfere with the safe operation of the motorcycle or powersport vehicle.

The provided PTT switches feature hook-and-loop fastening straps that allow for easy mounting in a variety of locations. We have provided several suggested mounting locations. Please review ALL suggested mounting locations to determine the best situation for you.

- a) Attach the Handlebar PTT switch to the non-throttle handlebar using the hook-and-loop fastening strap. Position the PTT switch so that it does not interfere with the driving of the vehicle and so it is easily operated by the thumb or index finger. See Picture 11.
- b) Use plastic cable ties to secure the PTT switch cable to the handlebar. Make sure that the PTT switch cable does not interfere with the safe and normal operation of the vehicle.
- c) It is recommended that the 4pin mini-DIN connector on the PTT switch be secured to the motorcycle or powersport vehicle in a location that is easy for the driver to access and unplug.

2-WAY RADIO ATTACHMENT

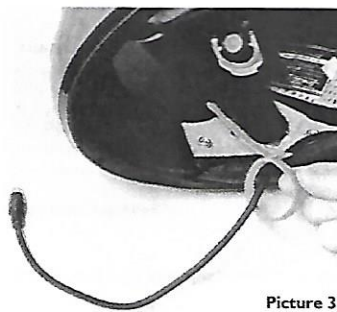
- a) Typically the 2-way radio is attached to the rider's belt or is worn inside a jacket to protect the radio from weather.
- b) Insert the 2-way radio plug from the VXS cable into the 2-way radio's speaker/microphone accessory jack.
- c) Connect the remaining components of the system together as done in the pre-installation testing.
- d) Turn on the 2-way radio and test.

OPERATION

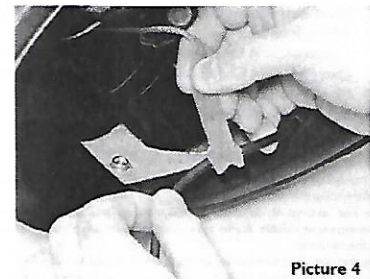
- a) Prior to riding, make sure that all cables are secured and do not interfere with the normal and safe operation of the motorcycle or vehicle.
- b) Prior to riding, set the 2-way radios to the same channel, privacy code (see notice below!) and then set the volume level on the 2-way radio to a comfortable level.

NOTICE: Many 2-way radios feature 'privacy codes', 'sub-channels', or other CTCSS type features. Motorcycles and powersport vehicles may interfere with the proper functioning of these 2-way radio features. If you experience communication problems with these features turned ON, please turn OFF these features and only use the 2-way radio's main channels.

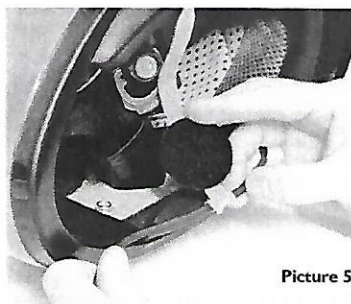
- c) Next, LOCK the 2-way radio keypad so that the settings are not accidentally changed during the ride.
- d) To communicate, press and hold down the PTT switch and speak in a NORMAL LEVEL VOICE. It is very important to NOT yell or speak loudly into the microphone; this will only over-drive the microphone circuit and make your transmitted audio difficult to understand. When traveling at speed, the normal reaction is to speak louder so that you hear your own voice over wind and road noise – this is not necessary and not recommended when communicating.



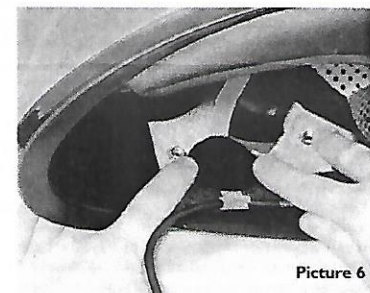
Picture 3



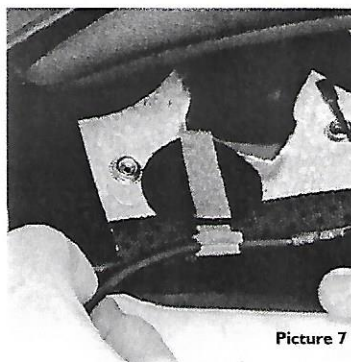
Picture 4



Picture 5



Picture 6



Picture 7



Picture 11