

## Mobility Sound<sup>®</sup> GPSMic. Installation Guide

### 全笙科技有限公司

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**NOTE:** The GPSMIC series of products require setup and programming prior to use. GPSMICs are shipped from the factory with basic programming already performed; however this default programming may not be appropriate for your radio system and some features may not be enabled. To get the most out of your GPSMIC products, a system administrator or radio technician should program the unit(s) using a computer and the GPSMIC Tools software suite before they are deployed into the field.

This installation guide assumes that such programming has already been performed. If it has not, please contact your system administrator or the dealer that you purchased the products from for further assistance.

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**INSTALL BATTERY:** The GPSMIC uses a rechargeable lithium-ion battery pack to power the unit's internal Global Positioning receiver and data modem. The battery pack must be installed in the unit prior to operation.

1. Rotate the belt clip on the back of the GPSMIC 90° to expose the thumbscrew at the top of the battery compartment cover. Rotate the thumbscrew counter-clockwise until the cover opens. Remove the cover.
2. Insert the included rechargeable battery pack into the battery compartment. Ensure that the battery terminals are properly lined up with the contacts inside of the battery compartment.
3. Re-install the battery compartment cover and rotate the thumbscrew clockwise to tighten. Do NOT over tighten.



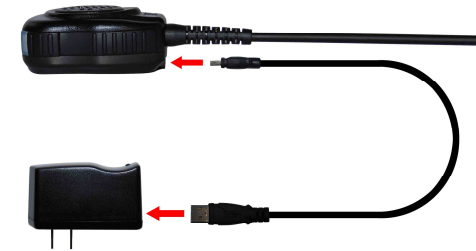
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**CHARGE THE BATTERY PACK:** Once the battery pack is installed, it must be charged before use. The GPSMIC is supplied with a wall charger and a USB cable for this purpose.

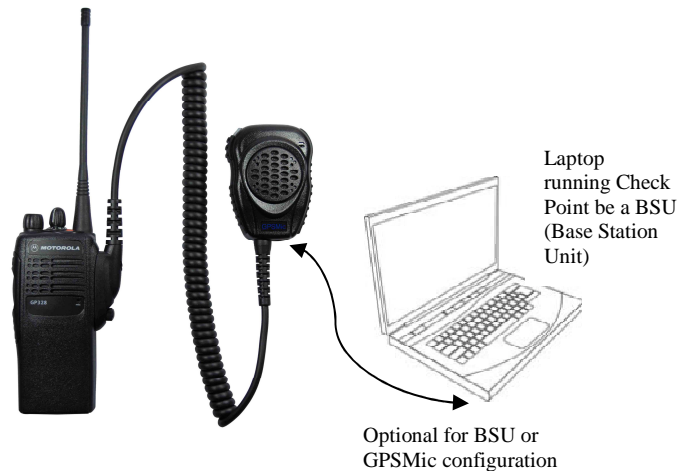
1. Locate the charging / programming port on the GPSMIC cable. This is located at the back cover of GPSMIC. Insert the quick-release connector of the charger into this port.



2. Once the charger is connected to the GPSMIC, plug the wall charger into a 120 volt AC outlet.
3. Once the charging process has begun, the LED indicator on the side of the GPSMIC will flash green once every 10 seconds. Once charging is complete, the LED will indicate solid green. Typical charge time is approximately 5-6 hours.
4. Disconnect the charger when charging is completed.
5. Typical operating time between charges is generally greater than 10 hours. However, operating time can vary depending on usage and the condition of the battery pack. Recharge the battery regularly.

**Note:** The GPSMIC can continue to operate as a standard speaker microphone without power. However, the GPS and data modem require power. GPS and data functions are not available unless the battery is installed and charged.

## Portable GPSMIC Installation Diagram



**DISCLAIMER:** This guide covers typical installations. Some installations may require a slightly different procedure or equipment. The information contained in this help file is believed to be correct as of the date of publication. However, follows a policy of continuous development, so the information is subject to change without notice, and does not represent a commitment on the part of Radio Products. If you have questions, please contact Technical Support or your local dealer.

**CONNECT THE GPSMIC TO THE RADIO:** Once the battery is charged, you are ready to connect the GPSMIC to the portable two-radio it will be used with.

1. Ensure that the two-way radio is turned off whenever you connect or disconnect the GPSMIC to it. Some radios will not properly detect that an audio accessory is connected if the GPSMIC is plugged in while the radio is turned on.
2. Connect the GPSMIC to the two-way radio's audio accessory / microphone jack.
3. Turn the radio on and wait approximately five seconds. The LED indicator on the side of the GPSMIC will light green momentarily when the radio to which it is connected is switched ON, and red when the radio is switched OFF.
4. Select the operating channel and set the volume to a comfortable listening level.
5. The GPSMIC is now ready for use.

**CONNECTING AN EARPHONE (optional):** For privacy, the GPSMIC can be used with an earphone or listen-only earpiece. Simply plug the earphone into the 3.5mm audio accessory connector on the GPSMIC.

**CONNECTION TO A COMPUTER (optional):** Some GPSMICs can be connected to a computer running the GPSMIC Tools software suite in order to allow the visual display of location reports received over the air. Not all GPSMICs have this ability. You must have a Base Enabled GPSMIC and the base station mode must be set up during programming of the unit in order to take advantage of this capability. If you are not sure whether your GPSMIC supports this feature, contact your system administrator or the dealer which sold you the GPSMIC.

1. Connecting a Base Enabled GPSMIC to a computer requires an USB cable and the GPSMIC Tools software suite.
2. Install USB driver.
3. Insert the USB cable into the charging / programming port on the GPSMIC. This is located at the back cover of GPSMIC.
4. Start the GPSMIC Tools: Check Point software and connect to the proper com port number. Refer to the software documentation for additional help.

**GPS ACCURACY NOTICE:** GPS location data is acquired from government satellites. Accuracy of this data is subject to obstructions, reflections, interference, and government interventions, and is not under control. Users should avoid placing absolute reliance on coordinates obtained from any GPS receiving device.