

CHARGING

Speakermic: powered by Portable Radio. No charging necessary.

Remote PTT: powered by Motorcycle battery. No charging necessary.

Headset: powered by an internal Li-Ion battery. Use the charger supplied with the headset to charge. DO NOT use any other charger other than the charger provided with this headset.

NOTE: For longer battery life, LEAVE HEADSET POWERED ON and the charger connected to the headset while not in use, preferably in a cool dry environment.

NOTE: A fully charged battery will last a minimum of 16 hours (continuous audio). Although the battery may last for more than one day's use, it is recommended that it be charged daily. Always leave the headset charging when not in use.

NOTE: Li-Poly batteries do not have the memory issues found on Ni-Cad batteries. Therefore it is not necessary to fully drain the battery before charging.

IMPORTANT: If the *internal Li-Ion battery* in the headset were to fail, the Shouldermic will continue to operate with the portable radio.






wireless innovations for law enforcement

INSTALLATION and OPERATING INSTRUCTIONS




CHARGER—STATUS LED

-  Green (no shouldermic connected) = ready to charge
-  Green (connected to shouldermic) = Fully charged battery
-  Red = Charging

Freedom™ Wireless Helmet Communications

United States Patent No.
6,311,052 & 7,062,301

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FREEDOM™
SERIES

Freedom™ Wireless is a trade-mark of PVP Communications.

All **Freedom™** Wireless shouldermic are protected by
U.S. Patent No. 6,311,052 & 7,062,301



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Thank you for choosing PVP Communications, Inc. products. We are dedicated to satisfying our customers by providing quality products and service. The components in this Kit are tailored for use in applications where durability, strength and quick installation are a must.

Please follow the Installation Instructions carefully to avoid damaging radio equipment or Kit components. If you have any questions during installation or require more information about this product you may call us at (310)212-5432 Monday through Friday, 7AM to 4PM Pacific Time, USA.

WARRANTY

This product comes with a warranty covering all defects in material or workmanship for a period of one year from date of original retail purchase. At its option PVP Communications, Inc. will repair or replace any defective part(s) or equipment. The provisions of the warranty shall not apply to any unit which has been subjected to misuse, neglect, incorrect electrical or mechanical installation, unauthorized modifications, accident, nor to units which have been repaired or altered outside of PVP Communications, Inc.. The warranty is extended only to the original owner of the PVP Communications, Inc. product and may not be transferred or assigned. In the event that the product does not conform to the warranty, the product should be shipped prepaid to PVP Communications, Inc.. Transportation charges, insurance fees, and labor costs for shipment, removal, or reinstallation of product are not covered by this warranty. Loss or damage in shipment is the sole responsibility of the freight carrier. Repair as provided under this warranty is the exclusive remedy of the consumer. PVP Communications, Inc. shall not be liable for any incidental or consequential damages or for breach of any express or implied warranty on this product. Except to the extent prohibited by applicable law, any implied warranty of merchantability, or fitness for a particular purpose on this product is limited in duration to the duration of the warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights which vary from state to state. PVP Communications, Inc. reserves the right to make changes in design and to make improvements in its products without the obligation to incorporate the changes or improvements in any of its previously manufactured products. PVP Communications, Inc. has not authorized anyone to make representations or warranties other than the warranty contained herein. The above warranty is effective for all products manufactured after 01/01/95.



Recessed pairing switch on Shouldermic

AUDIBLE HEADSET TONE INDICATORS:

Power On: two beeps

Power Off: three beeps







Pairing Mode: fast Hi-Lo Hi-Lo beep

Auto-Disconnect: Decreasing Series of Tones

Auto-Connect: Increasing Series of Tones

PTT confirmation: Short beep

L.E.D STATUS INDICATOR

	Powered Off
	Flashing rapidly— searching for mate
	Flash every 7 seconds = paired, in stand-by mode
	Flash every 3 seconds = paired, active mode
 	Red/Green toggling back and forth =Pairing mode

PAIRING

PAIRING PROCEDURE: Each Headset must be dedicated (“Paired”) to its corresponding Speakermic and Remote PTT before operation. Follow the steps below to Pair:

NOTE: Prior to pairing, confirm no other Bluetooth devices are in the immediate area – other devices can potentially disrupt the pairing process.

Step 1: Power OFF all three devices (Radio, Headset, and Remote PTT)

Step 2: Place the Speakermic in pairing mode by pressing and holding the recessed micro-switch (located just below the PTT switch), and then turn the Radio on. The LED indicator will activate. **DO NOT RELEASE THE SWITCH.** Continue holding the switch until the status LED toggles red-green-red (about 7 seconds), then release.

Step 3: Immediately place the Remote PTT in pairing mode by pressing and holding the power switch (located on the pairing). The LED indicator will activate. **DO NOT RELEASE THE SWITCH.** Continue holding the switch until the status LED toggles red-green-red (about 7 seconds), then release.

Step 4: Immediately place the Headset in pairing mode by pressing and holding the power switch (Halfshell Helmets—black momentary pushbutton switch located on the left earcup Fullshell Helmets—black momentary pushbutton switch located in the cheekpad area).

After 2 seconds, 2 beeps indicating power on will occur. **DO NOT RELEASE THE SWITCH.** Continue holding the switch for another 5 seconds until a fast hi-lo hi-lo set of beeps occur, then release.

NOTE: All three devices will be confirmed as paired when a green pulse is indicated on the Speakermic and Remote PTT, and an increasing set of tones is played at the Headset.

QUICK REFERENCE PAIRING PROCEDURE

NOTE: Confirm no other Bluetooth devices are in the immediate area

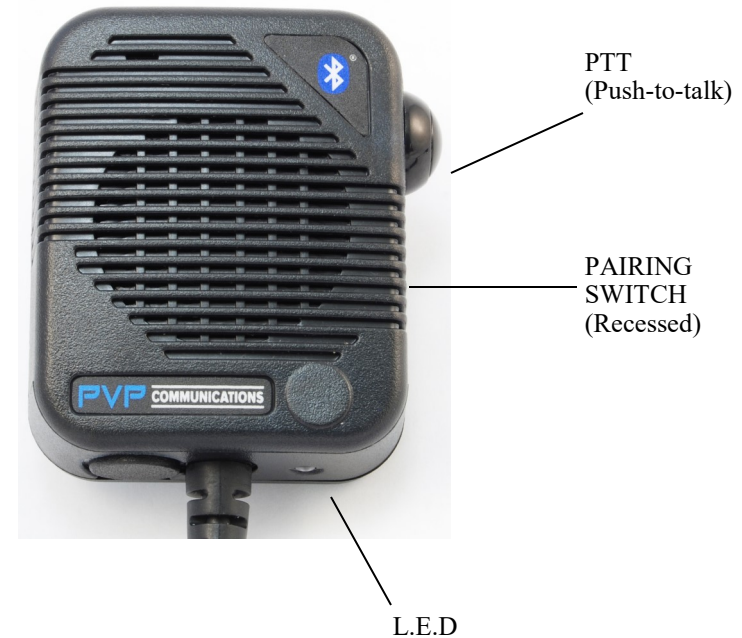
1)POWER OFF all three devices (Radio, Headset, and Remote PTT)

2)PLACE SPEAKERMIC IN PAIRING MODE. Press/Hold the recessed micro-switch, then turn Radio on. Hold until the status LED toggles red-green-red

3)PLACE REMOTE PTT IN PAIRING MODE. Press/Hold the power switch until status LED toggles red-green-red

4)PLACE HEADSET IN PAIRING MODE. Press/Hold the power switch until a fast hi-lo hi-lo set of beeps occur

Freedom™ Wireless Speakermics



System Features:

- ✦ Encrypted, Secure FHSS Digital Wireless *Bluetooth* Technology
- ✦ 2.4Ghz operating frequency ensures no interference from Police Radios or Cell Phone Towers
- ✦ Shouldermic quickly mates to motor (one time process, approximately 10 seconds – no DIP switches to set, no special tools required)
- ✦ Mating of shouldermic to motor to headset is a unique connection – no switch channels to keep track of, and no possibility of multiple users on the same channel.
- ✦ Minimum 16 hours charge duration (continuous use)
- ✦ Water-tight enclosure IP67 rated
- ✦ 1 year warranty



Attach accessory connector to portable radio



DESCRIPTION

The Freedom Series SPO (Simple Portable Only) is designed for Motor Officers who want the ability to communicate using their Portable Radio while riding their Motor and wearing a helmet. There are three modes of **OPERATION**:

MODE1 - HELMET OFF:

With the Speakermic attached to the radio and the Helmet removed, the Portable Radio will play receive audio at the Speakermic speaker. Transmit audio is achieved by pressing and holding the Push-to-Talk (PTT) button on the Speakermic and speaking into the Speakermic.

MODE2 - HELMET ON:

With the Speakermic attached to the radio and the Helmet worn (Helmet must be previously powered on), the Speakermic will automatically mute it's speaker and microphone, and the earphones and microphone in the helmet will automatically be activated. The Portable Radio will now play receive audio at the Headset earphones. Transmit audio is achieved by pressing and holding the Push-to-Talk (PTT) button on the Speakermic and speaking into the Headset microphone. Removing the Helmet automatically reverses operation to Mode 1.

NOTE: It is recommended that the **helmet be left powered "ON"**, this will allow for automatic MODE changes when the helmet is taken on/off.

MODE3 - REMOTE RADIO PTT:

A wireless remote PTT function is also provided at the left handlebar. Pressing and holding the BLACK handlebar PTT switch with the helmet worn causes the helmet microphone to broadcast over the Portable Radio.

REMOTE PUBLIC ADDRESS (PA) PTT:

*****For Freedom Series SPO with PA users,** pressing and holding the RED handlebar PTT switch with the helmet worn causes the helmet microphone to broadcast over the Siren System for Public Address purposes.

CONTROLS:

Headset Power

Halfshell Helmets—black momentary pushbutton switch located on the left earcup

Fullshell Helmets—black momentary pushbutton switch located in the cheekpad area

To Power ON: Hold until 2 beeps sound in Headset earphones, then release.

To Power OFF: Hold until 3 beeps sound in Headset earphones, then release.

Speakermic Power

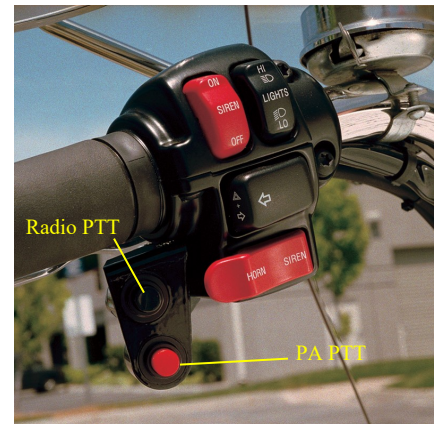
Powers ON/OFF automatically with the Radio

Remote PTT Power (momentary pushbutton switch and LED located on the fairing)

To Power ON: Hold switch for 3 seconds and release. LED indicator will begin flashing.

To Power OFF: Hold switch for 3 seconds, LED indicator will go solid green, then release.

NOTE: The Remote PTT system draws a minimal amount of battery power, but when left for extended periods of time (days), can drain the motorcycle battery. It is recommended to power off at the end of each shift and power back on at the beginning of each shift.



Remote Handlebar PTT switches