



Installation and Operation Manual for:

Wireless Portable Only (TLV-WPO1000) Motorcycle Kit

GENERAL – READ THOROUGHLY BEFORE STARTING INSTALLATION

The Setcom Wireless Portable Only motorcycle kit is comprised of two main components, the Handlebar Transmitter MWH-31 and Supermic Receiver SWE-1M2A/L.

The system allows motorcycle officers to wirelessly activate the PTT function of their VHF or UHF portable two-way radio, (Motorola, etc) worn at the belt, without the need of cables from the officer person to the motorcycle.

The system operates on 916.48 MHz and employs FSK modulation to transmit one of sixteen user selectable codes to the receiver for private and dedicated operation. There are sixteen user selectable codes that can be selected by changing the position of Hexadecimal switches on the transmitter and receiver via waterresistant access plugs. The power source for the transmitter is supplied from the motorcycle battery and only consumes power when the handlebar PTT switch is depressed. The power source for the receiver is supplied from the portable radio through the portable radio cable attachment.

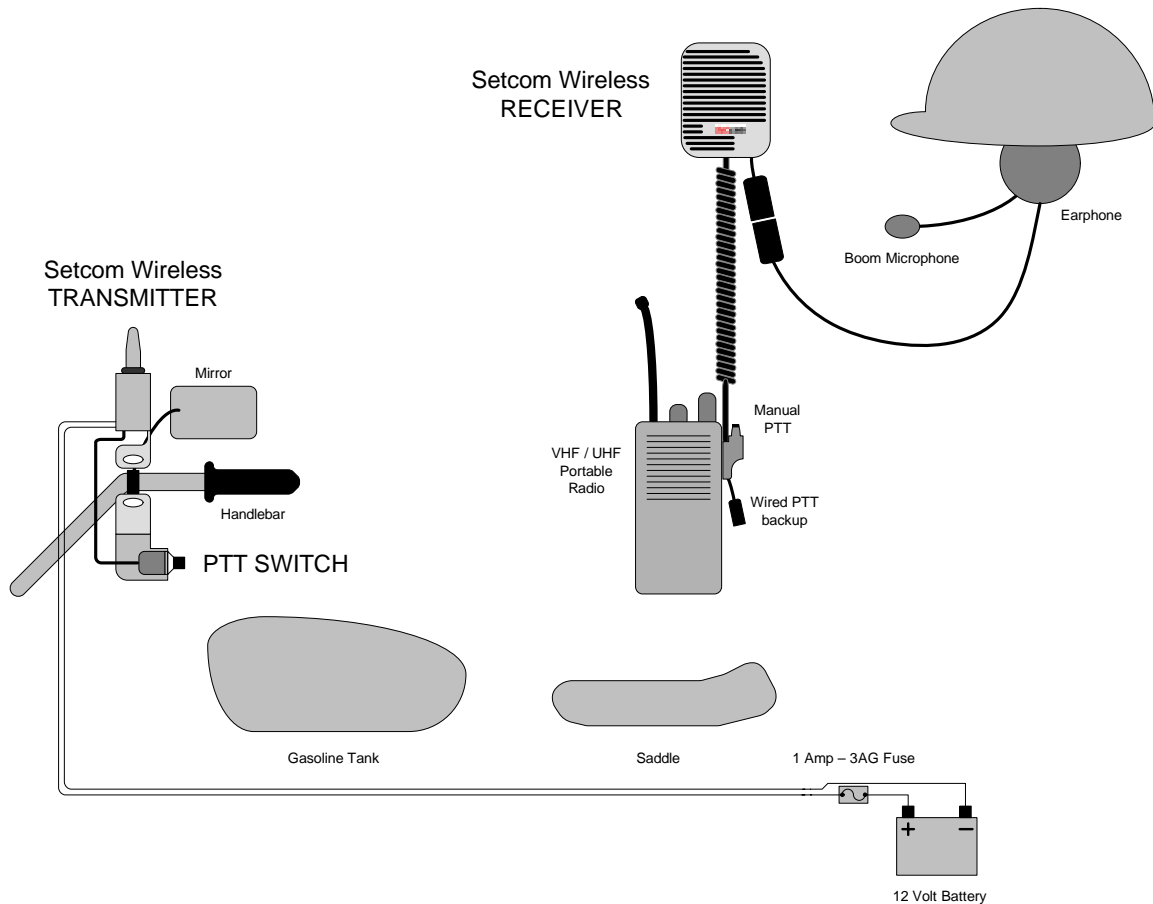
INSTALATION:

The MWH-31 handlebar transmitter and PTT switch are mounted to the mirror assembly. Remove the mirror mounting nut and attach the transmitter and PTT switch assembly to the mirror shaft. Reinsert and tighten the mirror assembly nut and adjust mirror position to the rider's requirements.

Route the power cable from the transmitter under the gasoline tank and the saddle to the 12 volt motorcycle battery or accessory supply bus. The source can be continuously hot, or from an accessory bus as the transmitter only consumes power when the handlebar PTT switch is activated.

Attach the JEDI connector from the SWE-1M2A/L wireless supermic receiver to the VHF / UHF portable radio. Turn the portable radio on and the system is ready to use.

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FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential environment. This equipment generates, uses, and can radiate radio-frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

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- Consult the dealer or an experienced radio/TV technician for help.

This equipment has been certified to comply with the limits for a class B computing device, pursuant to FCC rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference with radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

This device complies with Part 15 of the 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, including interference that may cause undesired operation.