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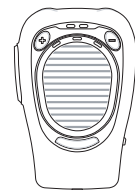
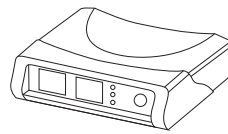
TecNet International, Inc.  
11535 W. 83rd Terrace Lenexa, KS 66214  
Phone: 913-859-9515 Fax: 913-859-9550 Email: tecnet@tecnetusa.com  
Web: www.tecnetusa.com



## TBM Series Mobile Dongle Kit

### User Manual

Thank you for your purchase of the TecNet Bluetooth Mobile Dongle Kit. Please review this manual to obtain the proper and maximum use of your Bluetooth mobile dongle. It is advised that installation should be performed by an Authorized TecNet Dealer.

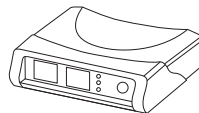


|                |               |        |                 |
|----------------|---------------|--------|-----------------|
| Patent<br>List | 29, Nov. 2006 | KOREA  | 10 2006 0116972 |
|                | 6, Nov. 2007  | EUROPE | 07021512.4      |
|                | 12, Nov. 2007 | JAPAN  | 2007-293205     |
|                | 8, Jan. 2007  | U.S.A. | 11/650,812      |



TBM Series Mobile Dongle Kit User Manual

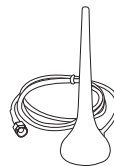
### Package Contents



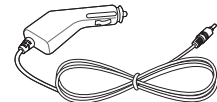
Bluetooth Dongle



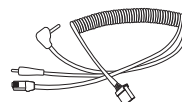
Bluetooth Speaker Microphone



Antenna



12V Vehicle Charger



Power Cables (Optional)



"L" Bracket &  
Hook/Loop Fastener



RJ45 Mic Connector Cable



Audio Connector Cable



User Manual

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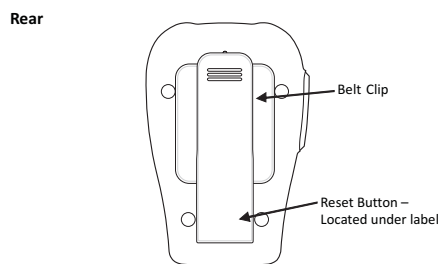
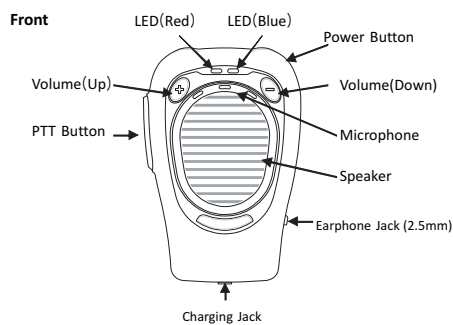
## Warranty

TecNet International, Inc. offers to the original end user a **One (1) Year Limited Warranty on this** accessory to be free from defects in material and workmanship under normal use and service for the time period stated, provided that the user has complied with the requirements stated by TecNet's warranty policy. The warranty period begins on the date of purchase from an Authorized TecNet Dealer. This warranty is not assignable or transferable. This warranty is void if the product serial number is altered, defaced or removed. TecNet is not responsible for any equipment that is attached to or used in conjunction with our products.

During the warranty period, if the product fails to function under normal use, because of manufacturing defects or workmanship, it should be returned to the Authorized TecNet Dealer from which it was purchased. The Authorized TecNet Dealer will repair the product or return the product for repair to TecNet or its Authorized Repair Depot. The user is responsible for the removal of the product from a vehicle or any equipment attached to it, or other site of its use; transportation of the product to the Authorized TecNet Dealer; for the return of the repaired or replacement product to the site of its use and for the reinstallation of the product.

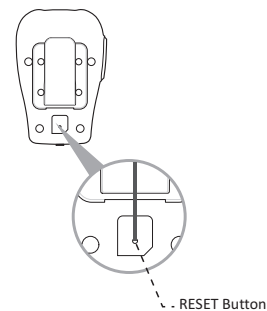
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## Bluetooth Speaker Microphone



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## Trouble Shooting



In case of auto connection failure after initial pairing, press PTT button once shortly on speaker microphone to try and reconnect.

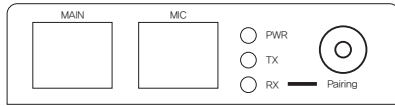
In case of nonpairing or connectivity between dongle and speaker microphone, remove label on the rear side of the speaker microphone, press reset button with a pin one time, and perform all pairing processes again.

In case of no power to dongle, check all cables for proper installation and connections.

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## Operation

### Bluetooth Dongle



When the power is supplied to the dongle, PWR LED is on and RX LED links three times at a 5 second interval.

Speaking (Transmitting): TX LED is on

Hearing (Receiving): RX LED is on

When the Bluetooth speaker mic is off or out of range, TX and RX LED's blink alternately.

### Bluetooth Speaker Mic

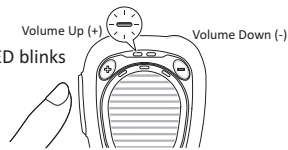
When the power is on, the blue LED blinks three times at a 5 second interval.

Speaking (Transmitting):

When pressing PTT button,

the red LED comes on and radio goes to transmitting status. Hearing (Receiving): When receiving audio, the blue LED comes on and radio goes to receiving status. Standby: Blue LED blinks.

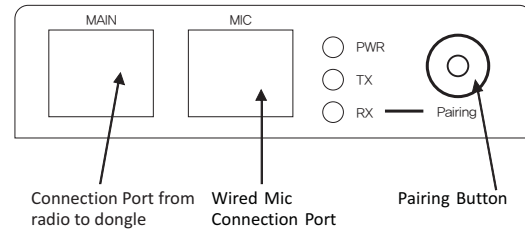
Volume Control: Independent volume control is available on the speaker mic by using the Volume Up (+) and Volume Down (-) buttons. NOTE: The volume buttons on the speaker mic will not control the volume levels on the mobile radio.



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## Bluetooth Mobile Dongle

### Front

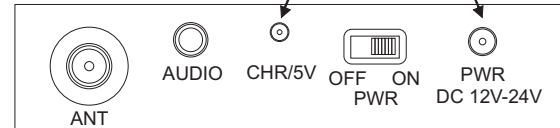


Connection Port from radio to dongle

Wired Mic Connection Port

Pairing Button

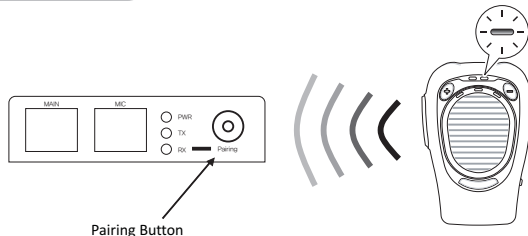
### Rear



Certain models will have no jacks installed

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## Pairing



**Bluetooth Dongle:** Turn on the power to the dongle using the switch located on the back of the unit. Press and hold the pairing button for about 6 seconds until the red LED blinks rapidly.

**Bluetooth Speaker Microphone :** With the speaker/mic off, press and hold the power button. The first set of tones are ascending startup tones, the second set of tones indicate pairing mode. Release the button after the second set of tones. The blue LED will blink rapidly.

\* Note: Bluetooth dongle and Bluetooth speaker mic support automatic connection. Once dongle and speaker microphone are paired, they will automatically connect/pair after power is turned off and back on.

If auto connection is lost or intermittent, press the PTT button of speaker mic once shortly to try automatic connection again.

If auto connection has failed, pair them again as noted above or a possible reset of the speaker mic may be required as noted in the Trouble Shooting section.

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## Install a Bluetooth Dongle

1. Installation can be used with the hook and loop or "L" bracket included with the kit. It is suggested that an Authorized TecNet Dealer perform the installation.
2. When performing the installation, it is important to reduce strain on the cables and the dongle itself, so no cables or cords can be accidentally separated during use.

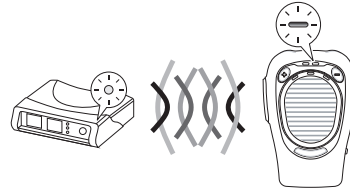
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## How to Connect a Bluetooth Dongle

1. Connect one end of the RJ45 mic connector cable to the MAIN port at the front of the dongle, and the other end to the RJ45 jack located on the front of the mobile. **IMPORTANT NOTE:** Most mobiles will provide the necessary power required through the microphone jack located on the mobile. However, depending on the mobile being used, it may be required to power to the PWR DC 12V~24V jack at the rear of dongle. Please contact TecNet International or your Authorized TecNet Dealer to learn which models may require an external power source. On certain models, the Dongle can also obtain power from the 12V vehicular charger supplied. In case of using vehicular charger, connect it to the CHR/5V jack on the rear of dongle. In case of using an alternate 5V AC adaptor indoors, link it to the CHR/5V jack.
2. Connect one end of the audio connector cable from the AUDIO jack located at the rear of the dongle and the other end to the speaker jack located at the rear of the mobile. **IMPORTANT NOTES:** It will be necessary on certain mobiles to set to "External Speaker" mode to enable audio on the Bluetooth speaker microphone. **Volume levels on mobiles should be set at mid level or accordingly to not distort the audio on the Bluetooth speaker microphone.**
3. Connect Antenna to the ANT jack at the rear of dongle. If you require an improvement in range of the Bluetooth speaker microphone, we suggest mounting the antenna externally of the vehicle or possibly purchasing an alternative 2.4GHz antenna with higher gain.
4. Connect the original mobile microphone to the MIC jack located on the front of the dongle. Either the Bluetooth microphone or the original microphone can be used for transmitting, but not simultaneously.

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## Once Pairing is Completed



When pairing has been successfully completed, the following indicators will be shown.

Bluetooth Dongle: RX LED blinks three times with an interval of 5 seconds.

Bluetooth Speaker Mic: Blue LED blinks three times with an interval of 5 seconds.

※ **When the Bluetooth speaker microphone becomes out of range:**

- At dongle, the TX and RX LED's blink alternately and repeat until pairing is reconnected.

- At speaker microphone, the unit sounds 5 alert tones and then blue LED blinks repeatedly. (When the Speaker Microphone returns within range of the dongle, they will automatically become paired/connect. Please note that the pairing process can be expedited by pressing the PTT on the speaker microphone.)

※ **When Bluetooth dongle and speaker microphone are connected:**

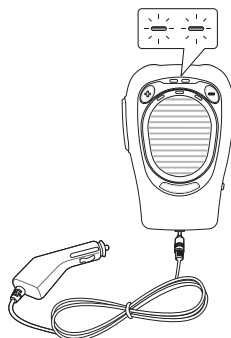
- At dongle, the RX LED blinks 3 times consecutively.

- At speaker microphone, the Blue LED blinks 3 times consecutively.

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## Charging Bluetooth Speaker Mic

The Bluetooth speaker mic has a built-in rechargeable battery that should be fully charged before initial use.



Plug the 12V Adaptor into the bottom charging jack port. While charging, the red & blue LED's are blinking at the same time.

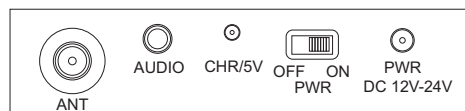
When charging is complete, all LED's are off. In low battery state, a red LED is blinking with audible beeps.

Charging time is normally less than 3 hours.

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## Turning On/Off

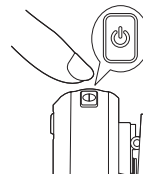
### Bluetooth Mobile Dongle




Move power switch at the rear of dongle to ON position. After turning on, the dongle will obtain power from radio or external power source automatically.

To turn off the power of dongle only, move power switch at the rear of dongle to OFF position.

### Bluetooth Speaker Microphone



Turning On: Press  button for 2 seconds, (Sequential sounds up and blue LED blinks)

Turning Off: Press  button for 4 seconds (Sequential sounds down and blue LED ceases)

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