

Federal Communication Commission Interference Statement

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 installation. 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 off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance 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.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting.

RF Exposure Warning!

This device contains transmitters and receivers which emit Radio Frequency (RF) energy. The device is designed to comply with the limits for exposure to RF energy set by the Federal Communications Commission (FCC) of the United States, Industry Canada (IC) of Canada, and the regulating entities of other countries.

If you are still concerned about exposure to RF energy, you can further limit your exposure by limiting the amount of time you use the equipment or by placing more distance between your body and the device, since exposure level drops off dramatically with distance.



Version 1.01.DUAL JULY 2018



MobilitySound Bluetooth Dongle USER'S GUIDE Wireless Bluetooth Speaker Microphone

For use with both a two-way radio and a smartphone

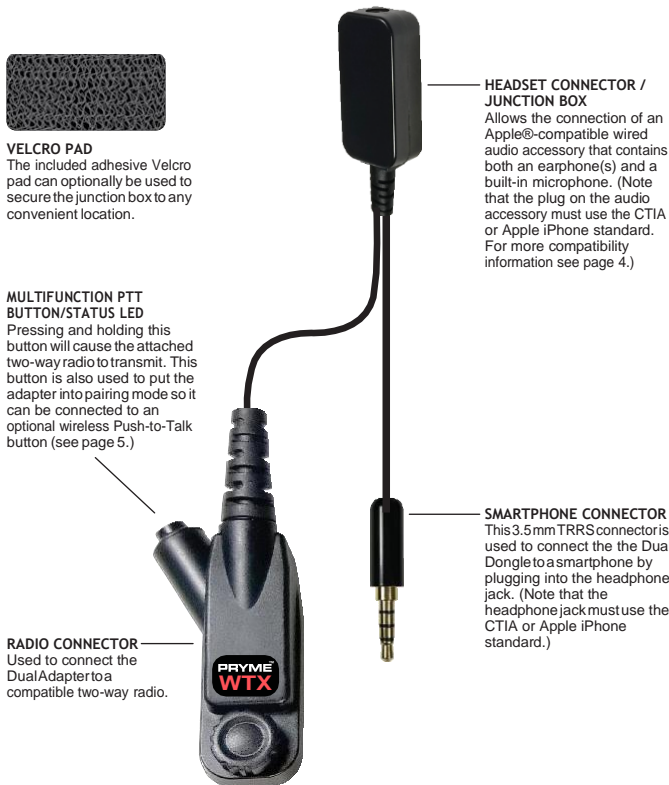
The Dual Dongle allows you to use the same Apple® compatible wired headset or earpiece for both your two-way radio and smartphone using a Push-to-Talk over Cellular (PoC) software app.



This manual applies to
WTX-583-DUAL and
WPPT-DUAL-M10

Made in Taiwan

Controls and Connection



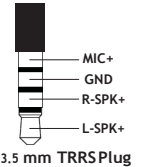
NOTE: WTX-583-DUAL Model shown. Other models may vary slightly in appearance.

QUICK START

- Step One: Plug a compatible wired accessory into the dongle.
Step Two: Connect the dongle to your radio.
Step Three: Connect the dongle to your smartphone.
Step Four: Pair the wireless PTT to the dongle (optional).
Step Five: Use the Dual Dongle.

STEP ONE: Plug a compatible wired accessory into the dongle.

The Dual Dongle requires an Apple®-compatible wired audio accessory that contains both an earphone(s) and a built-in microphone. The plug on the audio accessory must be a 3.5mm TRRS type using the CTIA or Apple iPhone wiring standard. This includes accessories such as the MobilitySound iSPM100 (sold separately, for more information, see page 7) or Apple earbuds such as part number ME186LL/A, or MD827LL/A.



- Firmly plug the 3.5 plug of the audio accessory into the headset connector/junction box until it seats.



STEP TWO: Connect the dongle to your radio.

To connect your Dual Dongle to a two-way radio, follow these steps:

- Always turn off your two-way radio before connecting or disconnecting the Dual Dongle.
- Plug the Dual Dongle's radio connector into the audio accessory jack of your two-way radio.
- On some models of two-way radio, you may need to tighten a retaining screw to ensure that the Connector remains attached to the radio



STEP THREE: Connect the dongle to your smartphone.

To connect the Dual Dongle to your smartphone or tablet:

- Insert the smartphone connector plug of the Dual Dongle into the headphone jack of your smart device and press down until the plug snaps firmly into place.



STEP FOUR: Pair the wireless PTT to the dongle.

The Dual Dongle is sold with one of several different, wireless Push-to-Talk buttons. These buttons allow you to wirelessly activate PTT for your two-way radio.

Before the wireless PTT button will function with a Dual Dongle, the two devices must be paired with one another. Once they have been paired, the two devices will remember each other and should not need to be re-paired again. To pair the Dual Dongle and a compatible wireless PTT do the following:

- Turn off the radio that the DUAL Dongle is connected to. Wait at least three seconds.
- Make sure that a compatible accessory is plugged into the Dual Dongle's headset connector.
- Turn the radio on while holding down the Multifunction/PTT button on the DUAL Dongle. Continue to hold the button down.
- While continuing to hold down the Multifunction Button on the Dual Dongle, press and then release the Push-to-Talk button on the finger PTT. Press and release this button approximately once per second for 3-5 seconds.

NOTE: If you receive an "invalid accessory error, please tune the radio to a digital channel rather than an analog one and repeat the previous step.

- Release the Multifunction button on the Dual dongle. Continue to press and then release the Push-to-Talk button on the wireless finger PTT once a second for another 3-5 seconds.
- Pressing the Push-to-Talk button on the wireless finger PTT should now cause the two-way radio to transmit. If it does not, try repeating the pairing process.

The following MobilitySound wireless PTT buttons are compatible with the MobilitySound Dual Dongle:



PTT-U2

MobilitySound iSPM100
Optional audio accessory for use with the MobilitySound Dual Dongle



MobilitySound's innovative iSPM100 surveillance kit (sold separately) is the perfect companion product for the Dual Dongle. The iSPM100 has both a phone hook button for answering and hanging up phone calls, as well as a PTT button that is compatible with most Push-to-Talk over Cellular (PoC) apps including Zello, Wave Communicator, ES Chat, and Kodiak compatible apps such as Verizon PTT Plus and AT&T Enhanced Push-to-Talk. It features:

- Custom made Braided Fiber cable is soft, comfortable and resists tangling
- 2-pin SNAP connector lets you change earpieces easily yet is extremely secure and rugged
- This is an extremely rugged single-wire cable for lapel and Surveillance use.
- Newly-designed mic housing contains custom microprocessor, power switch, PTT button and phone hook button.
- Thick, Braided Fiber radio cable with metal clamp retention eliminates strain on the wires inside the cable
- 360 degree rotating clip on PTT/mic housing attaches to lapel, coat, uniform, as required by user

The iSPM100 is available with different earpieces depending on your preference:



STEP FIVE: Use the Dual Dongle

Once the Dual Dongle has been set up, you can use it the following ways:

- Received two-way radio calls will be heard through the earphone(s) of the connected audio accessory. The volume is controlled by the volume knob on the two-way radio.
- Smart phone audio, including phone audio, media audio, and PTT over Cellular calls will be heard through the earphone(s) of the connected audio accessory. The volume is controlled by the volume buttons and sliders on the smart device.
- You can make two-radio calls by pressing and holding the PTT/Multifunction button on the Dual Dongle. Transmit audio will be taken from the microphone of the connected audio accessory. Note that if you have an (optional) compatible wireless Bluetooth PTT paired to the Dual Dongle, you can also initiate radio calls by pressing and holding this button instead. Pressing either of these PTT buttons will not have any effect on smartphone operation and will NOT initiate a PoC call.
- Phone microphone audio will also be taken from the microphone of the connected audio accessory. This includes for phone calls, voice commands, sending PoC calls, etc.
- If the connected audio accessory has phone control buttons (such as a Hook button for answering or hanging up phone calls, or Volume Control buttons) those buttons will be used to control the phone. Pressing these buttons will not have any effect on the operation of the two-way radio.
- If the connected audio accessory has a PTT button that is compatible with your PoC app, this button can be used to initiate calls using the PoC app installed on your smartphone. This button will not have any effect on the operation of the two-way radio.

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DISCLAIMER: The Bluetooth wireless link used by this product is an open standard, unsecured technology. As such, it is not recommended for first-responder or other mission critical users.