

PRYME RADIO PRODUCTS

PRYME WTX ADAPTER USER'S GUIDE Wireless PTT Adapter for Two-Way Radios

The PRYME BLU Adapter allows you to use a compatible wireless headset or other audio accessory with your two-way radio.



This manual applies to PRYME WTX Adapter models WTX-511, WTX-523, WTX-532, WTX-533, and WTX-583.
Wireless PTT Adapter
Model No.: WTX-500 Series
Made in Taiwan

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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!
Please keep product 20cm away from your body or bystander during the radio operation. The typical handheld two-way radios were certified under mobile usage condition (i.e. keep 20cm away from the user body) and use of such radio closer than 20cm may exceed the US RF exposure limit and shall be avoided.

RF Exposure Warning!

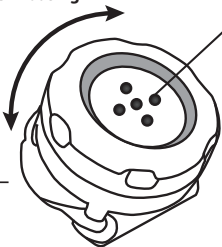
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Pryme Wireless PTT Transmitter

WPTT Transmitter Housing
Rotate Housing to Access Battery



PTT Button
Press this button to activate the Push-to-Talk function of your two-way radio

Velcro Fastener

The fastener is used to secure the wireless PTT transmitter to your clothing, or any location that you wish

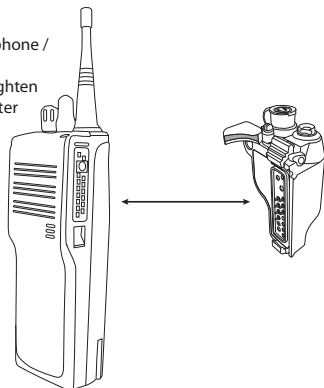
QUICK START

- Step One: Attach the adapter to your radio
- Step Two: Plug a wired Quick Disconnect accessory into the adapter
- Step Three: Insert battery into wireless PTT Transmitter (if needed)
- Step Four: Pair the Wireless PTT Transmitter and adapter (if needed)
- Step Five: Use

STEP ONE: Attaching the Adapter to a Two-Way Radio

To connect your PRYME WTX Adapter to a two-way radio, follow these steps:

- * Always turn off your two-way radio before connecting the PRYME WTX Adapter.
- * Plug the PRYME WTX Adapter into the speaker-microphone / 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 PRYME WTX Adapter remains attached to the radio
- * Turn on your two-way radio and verify that the radio transmits and receives with the adapter attached.
- * Because no wired accessory will yet be paired to the PRYME WTX Adapter, received signals should be heard over the radio's internal speaker and transmitted signals will be sent using the radio's internal microphone.
- * The Multifunction Talk Button on the PRYME WTX Adapter may not function as a Push-to-Talk button for your two-way radio until a wired audio accessory is plugged into the Quick-Disconnect port.



Controls and Connection

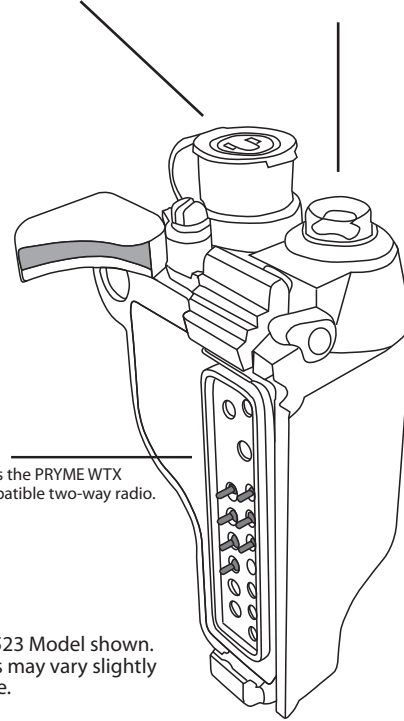
PRYME WTX Wireless PTT Adapter

Quick Disconnect Accessory Port

Allows the connection of a PRYME QD wired audio accessory, (sold separately), such as a headset, speaker microphone, or surveillance kit.

Multifunction Talk Button / LED (Not present on all models)

This button is used to pair the WTX Adapter with the Wireless Push-To-Talk Transmitter. The LED also flashes messages that let the user know the current status of the WTX-4100's wireless functions.



Radio Connector

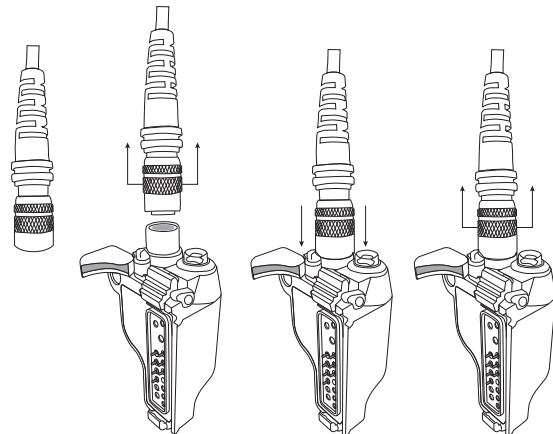
This port connects the PRYME WTX Adapter to a compatible two-way radio.

NOTE: WTX-523 Model shown. Other models may vary slightly in appearance.

STEP TWO: Plugging a Wired Quick Disconnect® (QD) Accessory to the Adapter

The Quick-Disconnect port on the PRYME WTX Adapter allows the connection of a compatible wired PRYME QD series accessory. This includes compatible surveillance kits, speaker microphones, throat mics, and headsets.

- * To connect a wired accessory, first turn off the two-way radio that the PRYME WTX Adapter is connected to.
- * Lift up and remove the protective jacket covering the Quick-Disconnect port on the PRYME WTX Adapter to expose the connector.
- * Align the Quick-Disconnect connector of the audio accessory with the Quick-Disconnect port on the PRYME WTX Adapter and push the connectors together gently until they click into place.
NOTE: the male and female ends of the quick release connectors are keyed so they must be properly aligned before the two halves can be pushed together.
- * To remove a wired accessory that has been installed, gently lift up on the outer cover of the Quick-Disconnect connector until the accessory is released and then pull up to remove the accessory.

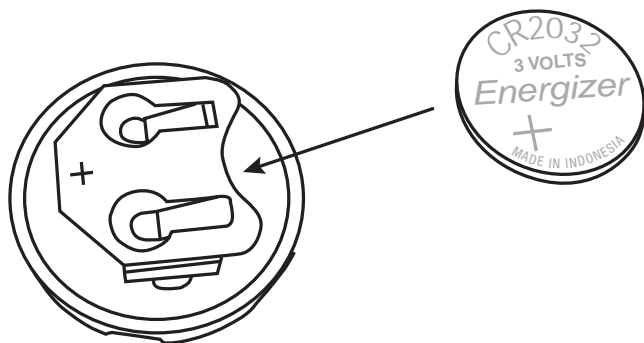


STEP THREE: Replacing the Wireless PTT Transmitter Battery (IF NEEDED)

The Wireless PTT Transmitter is powered by a coin cell battery, which should last thousands of hours before needing replacement. The first time you use your WTX Adapter and Wireless PTT Transmitter, you will need to install a new battery. You will also need to replace the battery at the end of its lifetime.

Use this procedure:

- * Remove the top cover of the PTT-410W by securely holding the back cover and rotating the front cover in a counter-clockwise direction until the two halves separate from each other.
- * Locate the battery holder inside of the PTT-4100. Remove the dead battery from the battery holder. A ball point pen can be used to push the battery out of the holder if needed.
- * Insert a new CR2032 3-volt coin cell battery into the battery holder, observing proper polarity. The positive side of the battery marked [+] should face away from the circuit board.
- * Reinsert the two halves of the transmitter housing and rotate the top cover clockwise to tighten.



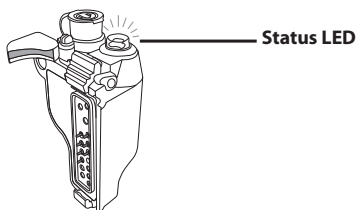
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STATUS LED MESSAGES

The meanings of the various status LED messages shown by the PRYME WTX Adapter are shown on the following table:

LED INDICATION	MEANING
LED pulses on continuously	Pairing mode activated
LED pulses on continuously and then goes off	Pairing mode successful or exited
LED pulses once every 10 seconds	Wireless PTT Transmitter has low battery
LED pulses twice every 10 seconds	Two-way radio has low battery
LED pulses three times every 10 seconds	Wireless PTT Transmitter and two-way radio both have low battery power

NOTE: These messages are shown only on WTX Adapter models which feature a Multifunction Talk Button. Models without a Multifunction Talk Button do not have any LED indications.



TROUBLESHOOTING

My Wireless PTT Transmitter will not pair with the PRYME WTX Adapter.

Follow the instructions for pairing your PRYME WTX Adapter with the Wireless PTT Transmitter. Make sure that the PRYME WTX Adapter and accessory being paired are within one meter of each other. If necessary, replace the coin cell battery in the Wireless PTT Transmitter with a new one.

My Kenwood radio will not work with the PRYME WTX-511 Adapter.

Some Kenwood radios will only provide power to the WTX Adapter when a PRYME QD wired audio accessory is plugged into the Quick Disconnect port of the adapter. Always ensure that a compatible QD accessory is connected to the adapter when you are trying to pair or operate the Wireless PTT Transmitter.

My two-way radio goes into Panic mode when I try to pair my Wireless PTT Transmitter.

Some two-way radios may go into panic mode if you press the Multifunction Talk Button on the WTX Adapter when no PRYME QD wired audio accessory is plugged into the Quick Disconnect port of the adapter. Always ensure that a compatible QD accessory is connected to the adapter when you are trying to pair or operate the Wireless PTT Transmitter.

My radio shows "Keyloader" on the LCD when I press the Talk button of the PRYME WTX Adapter.

When you press the Multifunction Talk Button of the WTX Adapter with no PRYME QD wired audio accessory plugged into the Quick Disconnect port of the adapter, the radio believes a keyloader is attached to the radio. Disable the keyloader function in the radio's programming software or plug a compatible QD accessory into the adapter.

My Wireless PTT Transmitter worked before, but is not working now.

Replace the coin cell battery in the Wireless PTT Transmitter with a new one. If that does not restore operation, remove the battery from the Wireless PTT Transmitter and short the positive and negative terminals of the battery holder together by inserting a metal coin into the battery holder for a few seconds. This resets the Wireless PTT Transmitter. If operation is still not restored, repeat the pairing process and re-pair the Wireless PTT Transmitter and the WTX Adapter.

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STEP FOUR: Pair the Wireless PTT Transmitter and WTX Adapter (if needed)

Before the Wireless PTT Transmitter will function with a PRYME WTX Adapter, 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.

For WTX Adapter models which HAVE a Multifunction Talk button, do the following:

- * Turn off the radio that the PRYME WTX Adapter is connected to. Wait at least three seconds.
- * Make sure that a wired PRYME Quick Disconnect Accessory is plugged into the QD jack on the adapter.
- * Turn the radio on while holding down the Multifunction Talk Button on the PRYME WTX Adapter. Continue to hold the button down. The LED will flash continuously.
- * While continuing to hold down the Multifunction Talk Button on the WTX Adapter, begin to press and then release the PTT button on the Wireless PTT Transmitter. Press and release this button approximately once per second.
- * After a few seconds the LED on the Multifunction Talk Button of the WTX Adapter will stop flashing. This indicates that the adapter and Wireless PTT Transmitter are now paired with each other.
- * Release the Multifunction Talk Button on the WTX Adapter.
- * Pressing the PTT button on the Wireless PTT Transmitter should now cause the two-way radio to transmit. If it does not, try repeating the pairing process, or see the Troubleshooting section.

For WTX Adapter models which DO NOT have a Multifunction Talk button, do the following:

- * Turn off the radio that the PRYME WTX Adapter is connected to. Wait at least three seconds.
- * Make sure that a wired PRYME Quick Disconnect accessory is plugged into the QD jack on the adapter.
- * Turn the radio on while holding down the PTT button on the wired QD accessory. Continue to hold the button down.
- * While continuing to hold down the PTT button on the wired QD accessory, begin to press and then release the PTT button on the Wireless PTT Transmitter. Press and release this button approximately once per second for ten seconds.
- * Release the PTT button on the wired QD accessory.
- * Pressing the PTT button on the Wireless PTT Transmitter should now cause the two-way radio to transmit. If it does not, try repeating the pairing process, or see the Troubleshooting section.

STEP FIVE: Using the WTX Adapter and Wireless PTT Transmitter

Once the PRYME WTX Adapter and Wireless PTT Transmitter have been paired together, you can use the Push-to-Talk button on the Wireless Transmitter to cause your two-way radio to transmit. Microphone audio will be picked up from the wired Quick Disconnect accessory plugged into the adapter's QD port. You can also activate Push-to-Talk by pressing the PTT on the wired QD accessory or the Multifunction Talk Button on the adapter (if present).

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SUPPORT AND WARRANTY

PRYME Radio Products warrants this product against defects in materials or workmanship for a period of one year from the date of retail purchase. PRYME will repair or replace a defective unit, at our option, without charge for parts or labor. The limited warranty is extended only to the original purchaser and is valid only to consumers in the United States and Canada. It does not cover damage or failure caused by or attributable to Acts of God, abuse, misuse, improper or abnormal usage, faulty installation, improper maintenance, lightning, or other incidences of excessive voltage, or any tampering or repairs by other than a PRYME authorized repair facility. It does not cover replacement of consumable parts, transportation costs, or damage in transit.

Repair or replacement under the terms of this warranty does not extend the terms of this warranty. This warranty can only be modified by an officer of PRYME Radio Products, and then only in writing. Should this product prove defective in workmanship or material, the consumer's sole remedies shall be such repair or replacement as provided by the terms of this warranty. Under no circumstances shall PRYME Radio Products be liable for any loss or damage, direct, consequential, or incidental, arising out of the use of or inability to use this product. Some states do not allow limitations on how long an implied warranty lasts or the exclusions or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights, which may vary, from state to state.

For support or warranty service on your PRYME product, contact us at 1-800-666-2654 or visit us on the web at www.PRYME.com.

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