
EZPull Trap Puller's Model TRPUL-105 Setup Guide

EZPull TRPUL-105 is waterproof wireless puller's remote that controls the trap base station TRBP02 or the TargetManager for trap shooting.

EZPull TRPUL-105 has special Setup and Pairing modes intended only for the Gun Club's administrator.

Warning: Always stand clear of any traps that may be activated by EZPull systems.

1. **Using Setup Mode:** The Setup mode provides access to parameters that determine the operation of the device.
 - 1.1. Enter Setup Mode: Make sure the unit is completely dry! Remove the battery door. Remove one battery. Press and hold the ON/OFF [⏻] key and replace the battery. When both lights are on steady, release the key. The lights will alternate indicating the unit is in Setup mode.
 - 1.2. Exit Setup Mode: When in Setup mode, press and hold the "Target" [🎯] and "Microphone" [🎤] keys simultaneously. Both lights will turn on steady. Release the keys. The unit will turn off. Press the ON/OFF [⏻] key to turn on.
 - 1.3. Access Setup Adjustment: simultaneously pressing and holding two key combinations, (except the combination [🎯] + [🎤]), will result in both lights flashing rapidly. Keep holding the keys until both lights are turned off. Then release the keys. The setup parameter's numeric value will be indicated by the LEDs.
 - 1.4. Understanding the numbering indicators:
 - 1.4.1. Each parameter can be set to numbers in the range 1 to a maximum value specific to the parameter but never more than 16.
 - 1.4.2. The left LED indicates the "tens" digit.
 - 1.4.3. The right LED blinks the number of times corresponding to the "ones" digit
 - 1.4.4. Examples:
Number **06**: left light is **off**; right light blinks **6** times.

Number **14**: left light is **on**; right light blinks **4** times.

1.5. Adjusting the Number:





- 1.5.1. Increase: for the next value, press and quickly release the "Microphone" [🎤] key. The operation is cyclical, after you reach the maximum value, the next number is #1.
 - 1.5.2. Decrease: for the previous value, press and quickly release the "Target" [🎯] key. The operation is cyclical, after you reach #1, the next number is the maximum value.
 - 1.5.3. Verify: After each key press, observe the lights to verify the number.
- 1.6. Exit adjustment: Once you verify the correct value, press and hold the "Microphone Off" [🎤] key to save and return to Setup mode or press the ON/OFF [⏻] key to exit without saving any changes.





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2. Radio Code Setup: The remote microphone units and base station on each Trap field must be set on the same unique radio code. The radio code is made of two numbers:
RCAD: The RCAD number is a common radio address for all the EZPull systems on the same venue. If you have less than 16 Trap fields you do not need to change this address.
RCCH: The RCCH number is the radio channel for communicating between all units and base station on the same trap field.

First set the same address on all the EZPull remote units on the Trap field and then pair with a Base Station (See below).

- 2.1. Follow section 1 above to enter and work in Setup mode.
 - 2.2. Changing the RCAD Number: Use the [] + [] keys combination to access adjustment of the RCAD number. EZPull can be set to any RCAD number in the range 1 to 14.
 - 2.3. Changing the RCCH Number: Use the [] + [] keys combination to access adjustment of the RCCH number. EZPull can be set to any RCCH number in the range 1 to 16.
3. Pairing the TVR-WP145 with The TargetManager card reader: Check the radio code on the TargetManager and follow instruction in section 2 above to set the TRPUL-105 and each voice release remote on the same radio code.

4. Changing the base-station mode: This parameter selects between "standalone", using the TRBP02 base station, or TargetManager mode when using the TargetManager card reader.
- 4.1. Follow section 1 above to enter and work in Setup mode.
 - 4.2. Use the [] + [] keys combination to access mode selection:
 - 4.2.1. For standalone mode, set to 1.
When the system is in Pause mode, none of the system's components can release a target. When the Puller's unit is turned off, the base station enters Pause mode following by the EZPull voice units entering low power mode.
 - 4.2.2. For TargetManager mode, set to 2.
When the system is in Pause mode, only the TRPUL-105 puller's unit can release targets. Other remotes cannot release targets. This feature allows the Puller to disable target release from any voice release system (EZPull or Canterbury with EZPull CVRSEN link) while still releasing targets manually.

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5. Pairing the TRPUL-105 with a Base Station:

- 5.1. Turn off all the remote units.
- 5.2. Disconnect the Base unit from the Trap or any high voltage source.
Warning: working while high voltage source is connected, can be hazardous and may result in serious injury.
- 5.3. Set the Base Station in pairing mode.
 - 5.3.1. Place a small magnet next to the magnetic switch (looks like a red bar) on the left side of the base station.
- 5.4. The Red LED will blink for 2 seconds, then the Yellow LED will blink rapidly and then both lights will glow steady. Remove the magnet at once. Both Red and Yellow LEDs will flash indicating the base station is waiting for a Pairing call from the remote.
- 5.5. Set one of the remote units in Pairing Mode:
Remove the rubber boot. Remove the battery door.
Remove one battery.
Press and hold the "Microphone Off" [🔇] and replace the battery. Both lights should be on steady. Observe the LED indicators on the base station and release the key.
- 5.6. If Pairing is successful you will see the following light flashing sequence on the base station: Blue, Red, and Yellow followed by slow flashing of the Yellow LED indicating normal operation mode.
- 5.7. Following a successful pairing, the remote unit should be in sleep mode (no lights). If lights are still flashing, remove one battery, press any key and replace the battery.
- 5.8. Verify pairing: Press and release the [🔇] on the remote. Observe the lights on the base station. Press and release the "Target" [🎯] key. The Blue light on the base station should turn on momentarily.

