

# EZPull TX4s-VR Setup Guide

**EZPull TX4S-VR** is a wireless, clay target release controller for up to four trap machines. The TX4S-VR is designed primarily for Sporting Clays and Super-Sporting.

The TX4S-VR has a special setup mode intended only for the Gun Club's administrator. The setup mode provides access to parameters that determine the operation of the device.

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

1. Enter Setup Mode: Open the battery door on the back of the device. With the batteries in place, use a pen or a small screwdriver to press and release the setup switch above the batteries. The two lights marked T1 and T2 will alternate slowly indicating the device is in Setup selection mode.



2. Exit Setup Mode: When in Setup mode, press and release the setup switch above the batteries. Unit will go directly to Release mode, ready to release targets.
3. Access Setup Parameter Adjustment: Simultaneously press the two keys combinations per table below to access the required setup parameter. When both top lights start flashing rapidly, release the keys. The top two lights will blink indicating the setup parameter's current numeric value. Available Setup parameter and key combinations:

Two Keys combination	Parameter	Value range
TP+2	Field Address	1-14
TP+1	Station Address	1-16
TP+3	Voice Sensitivity	1-5
TP+4	Shot Sensitivity	1-5
4+3	Following Pair Delay	1-4
4+2	Solo Delay	1-4

#### 4. Understanding the Numbering Indicators:

- 4.1. Each parameter can be set within a range of numbers from 1, to a maximum value specific to each parameter.
- 4.2. The left LED indicates the "tens" digit.
- 4.3. The right LED blinks the number of times corresponding to the "ones" digit.
- 4.4. Examples:  
Number **03**: left light is **off**; right light blinks **3** times.  
Number **14**: left light is **on**; right light blinks **4** times.



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5. Adjusting the Number:
  - 5.1. To increase, press and release the [2-B] key. The operation is cyclical. After you reach the maximum value, the next number is #1.
  - 5.2. To decrease, press and release the [1-A] key. The operation is cyclical. After you reach #1, the next number is the maximum value.
  - 5.3. After each key press, observe the lights to verify the number. Wait for the top two lights to turn off before pressing a key again.
  - 5.4. Exit adjustment and Return to Setup Mode:
    - 5.4.1. To save changes: Press the center [TP] key. Both top lights will start flashing rapidly. Keep holding the [TP] key until both light are turned off.
    - 5.4.2. To exit without saving changes: Press and release the [4-D] key.
6. Wireless Address Setup: Each sporting clays shooting stand or skeet field requires EZPull wireless controller and receiver(s) set on the same unique address code. The unique address code is made of two numbers:

**Field/RCAD:** The Field number is a common radio address for all the EZPull systems on the same course (area). On a TX4S-VR/Pro, this address must match the RCAD value on TargetManager. If you have only one course or less than 16 skeet fields, you do not need to change the Field Address. If you have more than one course, assign a different Field Address to each course.

**Station/RCCH:** The Station number is the radio address for communicating with EZPull receivers on a specific Shooting stand or skeet field. On a TX4S-VR/Pro, this address must match the RCCH value on TargetManager.

  - 6.1. Changing the Station/RCCH Number: From Setup mode, access using the [TP] + [1-A] keys combination. The Station/RCCH can be set to numbers in the range 1 to 16.
  - 6.2. Changing the Field/RCAD Number: From Setup mode, access using the [TP] + [2-B] keys combination. The center light will glow indicating Field/RCAD adjustment mode. Field/RCAD can be set to numbers in the range of 1 to 14.
7. Voice Sensitivity: From Setup mode, press the [TP] + [3-C] keys. A higher number is more sensitive to picking up your voice. Typical values are 3 to 4.

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8. **Shot Sensitivity:** From Setup mode, press the **[TP] + [4-D]** keys. A higher number is more sensitive. Typical values for a 12ga. gun with 28" – 32" barrels are 2 – 3. This parameter also determines if the TX4S-VR will detect and count gunshots or, if it will ignore gunshots and apply a FPD to report pairs:
  - 8.1. When the value of Shot Sensitivity is greater than **1**, the TX4S-VR detects and counts gunshots. A report pair 2<sup>nd</sup> target is released on your first gunshot. If gunshot(s) corresponding with the number of targets selected are not detected within 6 seconds, the unit reverts to the first target and you can call again without pressing any keys.
  - 8.2. When the value of Shot Sensitivity is set to **1**, gunshot detection is disabled. A report pair 2<sup>nd</sup> target is released after the delay set for FPD (see section 8 below).
9. **Following Pair Delay (FPD):** From Setup mode, press the **[4-D] + [3-C]** keys. In voice release mode, when the Shot Sensitivity is set to 1, FPD is the delay for the second report target (see above section 8.2). In manual mode with Solo Delay, FPD is the delay for the second report target (see TX4S-VR User Guide).
10. **Solo Delay:** From Setup mode, Press the **[4-D] + [2-B]** keys. Solo Delay is not available on TX4S-VR/Pro because Solo Delay is provided by TargetManager. Solo Delay does not apply to voice release mode. Solo Delay works only when the microphone is unplugged.
  11. When the value of Solo Delay is set to **1**, Solo Delay is disabled. Manual target release is instantaneous.
    - 11.1. When Solo delay is greater than 1, the Targets are delayed by 2 to 4 seconds depending on the setup value.
    - 11.2. On a Report Pair with Solo Delay, the first target is released after the selected Solo Delay and the second target is release after the Following Pair Delay (section 8 above).