

Lincoln Ikes - Self-Use Traps

Clay Delay Auto-Puller Setup Instructions

The Clay Delay Auto-Puller is an optional use device available only on Trap #2. It is stored in a metal box on the west wall of the trap house. This device is not required in order to operate this trap house, but is available to the cardholder for a modest \$10 annual fee. See website for contact information.

In the box you will find the following:

- Auto-puller Receiver
- Auto-puller Controller
- Spare 9 volt batteries



Figure-1

Auto-puller Receiver Unit with yellow cord (on left) and Auto-puller Controller Unit with microphone (on right).

Setup Procedure

1. Make certain that no one is standing in front trap house.
2. Flip the switch to throw rocks when you leave the trap house.
3. Take the Auto-puller Receiver and the Auto-puller Controller and the pull cord to the firing line.

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4. Hang the Auto-puller Receiver on the scoring chair at the firing line but do not connect it to the pull cord. This connection comes later.
5. Auto-puller Controller:

- a. Take the Auto-puller Controller turn it on with the roller switch located on the side of the device. This roller switch also controls the volume for the microphone. Start by setting it at about half volume. You can always increase or decrease the volume as needed.

NOTE: If the bottom light, the Mic/Batt light is blinking red, the battery needs replacing. Spare batteries are in the box inside the trap house.

The Controller defaults to the Instant "Inst" setting and the green light will be blinking. The blinking green light indicates the system is in the standby mode and unable to throw a target.

- b. To arm the system push the large red button on the top of the Controller and the light goes to a steady green and now the system is capable of throwing targets either with a voice command or by pressing the small red button.
- c. After the target is thrown, the system goes into the standby mode with a blinking green light.
- d. The system is working and now is the time to set microphone volume. Clip the microphone to your shirt or collar. Make sure the microphone is plugged in.
- e. Call pull and if the steady green light goes to a blinking green light there is adequate signal from the Controller to the Receiver to throw the target.

If the steady green does not change to a blinking green light, just increase the volume with the roller switch till the desired results are achieved. With a little trial and error and you should get it right.

- f. In the "Inst" mode the operator must arm the system with the large red button before each target is thrown.
 - g. The Rearm "RA" mode is achieved by pressing the "Mode" button on the front of the Auto-puller Controller. A blinking green will appear and the Auto-puller Controller operator must push the large red button to arm the system. After the first target is thrown the "TARGET" light will show red for two or three seconds while the system is automatically rearming itself and then the "TARGET" light goes to a steady green light and the system is ready to throw the next target.
6. Auto-puller Receiver:

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- a. Take the Auto-puller Receiver, the device with the antenna and the yellow cord, and connect the male connector on the Receiver to the female connector on the end of the pull cord.
- b. Press the "ON" switch located in the red circle on the front of the Receiver. A green light will come on and after a few seconds this light will start blinking. A slow blink, 1 time per 2 seconds indicates a good battery. A fast blink, 2 times per second indicates a low battery that needs to be replaced. Replacement batteries are in the trap house.
- c. Hang the Receiver on the back of the chair behind the firing line.

Points To Consider When Using the System

1. We suggest using the "Inst" system when you are a beginner at using the system because just closing the action on your shotgun may be enough noise to cause a rock to be thrown.
2. The time need to arm the system manually in the "Inst" mode is almost instantaneous whereas the time to arm in the "RA" mode is 2 to 3 seconds.
3. When shooting with a group that likes to shoot fast, the "Inst" mode is desirable. The shooter with the Auto-puller Controller on his or her belt has more control over the activity that is taking place.