



The Autopuller®

By CLAY DELAY

Model API/I

Instant/International Controller



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Model API/I is designed to be placed inline with your existing pull cord. Its purpose is to allow the puller to switch between International delay and Instant release. The unit is programmed to start in the International mode.

Since there is a need to control the release, the push buttons on the controller no longer directly control the machines. If the unit is not turned on, or if the battery is low or goes dead, you will not be able to release any targets with the API/I connected.

Operation is simple:

1. Unplug your release cord and insert the API/I controller between the cord and the machine connector.
2. Turn the unit on using the side switch.
(The top light will now be blinking)
3. Press and release one of the target buttons on your controller. A target will be released with a random time delay of 0-3 seconds, International mode.
4. When you desire to change to Instant mode, press and HOLD one of the target buttons. After the target launches, count to 3 and THEN RELEASE the button. The next time you press a button, the target will be instantly launched.
5. When you desire to switch back to the International mode, repeat the same process. Press one of the target buttons and HOLD until the target is released and you have counted to 3. Then you can release the button. You are now back in the International mode.

Note: The API/I releases a target with a pulse from the hand-held controller. Do not hold the button down unless you want to change modes.

Power Supply:

The API/I is self powered using a standard alkaline 9-v battery.

Hook-up:

Your unit must be wired between your pull cord and the machine connector. When looking at the API/I, the bottom wire is to be connected to the machine connector and the top wire to the pull cord.

The wiring code is as follows:

- Green - Common wire to both machines
- White - Connected to the low house, right machine
- Black - Connected to the high house, left machine

As a diagnostic/information aid, the front panel contains 3 lights;

The top light indicates you have power. It is designed to give a very short flash in the standby mode, and stay on when the unit is in a timing mode to release a target. Since instant is very fast, the on state will not provide much info. In the International mode, the light will stay on from when you press the target button until the target is released. If you desire visual feedback when shooting, orientate the API/I such that you can see the lights. You will now be able to verify when the unit is going to release a target.

The center and bottom lights indicate when the machine receives a signal to launch. The light will stay on for as long as the signal to the machine is present.

If you have problems releasing a target, the signal to the machines may be too short. Open the battery compartment and turn switch 1 on. Press one of the target buttons and observe that the machine light will now stay on longer. If you need to add more time, turn on switch 2. For maximum time turn both 1 and 2 on. (Since the switch is mounted on the circuit pcb, down is off and up is on, as viewed thru the battery door.)

(Switches 3 and 4 are not used)

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