

The Autopuller

By CLAY DELAY

Model APHC-C
with Buzzer and Time Delay
Owner's Manual



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Model APHC-D is a handheld target machine release with a counter, and the provision to delay the release of the target. The internal buzzer is user selectable and allows the puller to both feel and hear the target launch signal.

Operation is simple:

Turn on using the top rocker switch. In the Instant mode, a target is released at the press of the button. In Time Delay mode, the target is delayed by the preset time for the delay.

Press the button that corresponds to your desired target and the target is released. The counter will advance one count for a single and two counts for a double.

Holding the button down will not give multiple targets. You must press the button for each target launch you want.

Note:

- The buzzer on-off is field selectable
- The buzzer, time and machine signal times are not field adjustable. You must use the counter reset box to change the settings.

Counter Reset



Counter Reset

Resetting the counter:

1. Unplug the Autopuller from the course before resetting.
2. Plug the reset box cable in the side jack.
3. Turn the Autopuller on.
4. Press and hold the reset button on the top of the reset box.
5. The signal light on the reset box will come on steady and approximately 3 seconds later, the counter will reset.
6. Release the reset button, unplug the reset box, and turn the controller off.

Buzzer ON/OFF

Buzzer selection:

When the buzzer is turned on, you will have an audible signal that a button has been pressed. This time is adjustable for the length of the sound. (refer to Buzzer signal adjustment to change buzzer signal time)

To change the on/off state:

1. While pressing and holding the center button turn the controller on.
2. The buzzer will cycle on, pause 1 second, then off, pause 1 second, then back on. (This continues until you release the center button).
3. If you desire to have the buzzer on, release center button when the buzzer is on.
4. If you desire to have the buzzer off, release center button when the buzzer is off.

Once you release the center button, your unit is ready to use.

Buzzer Sound Length

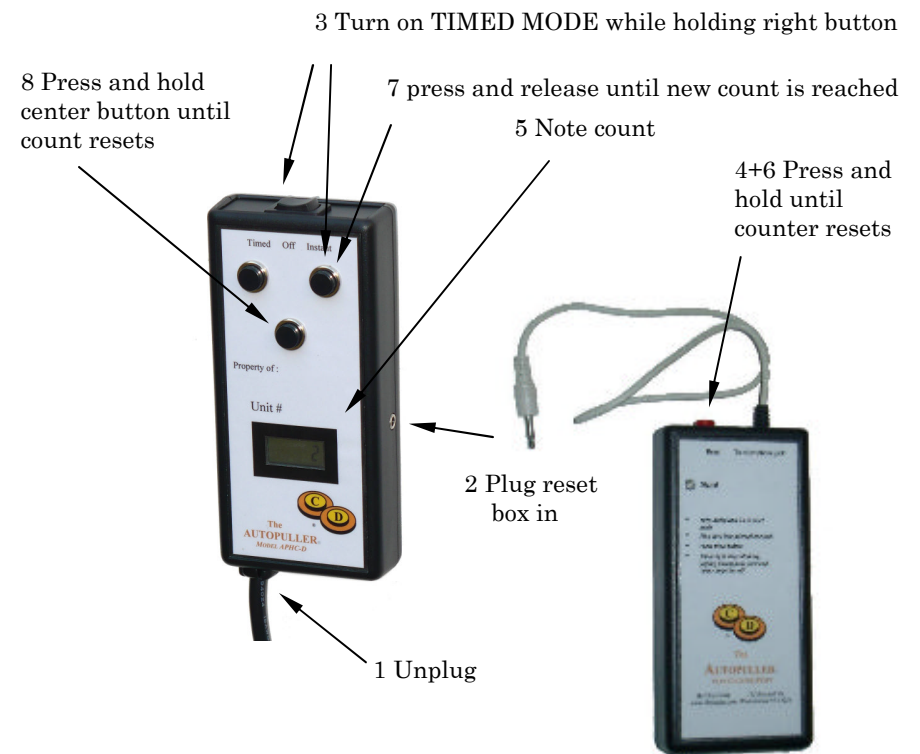
Buzzer sound length adjustment:

If you desire a longer or shorted buzzer signal, use this procedure to adjust.

To adjust:

1. Unplug controller from target machine.
2. Plug the reset box in side of controller.
3. While pressing and holding the left button turn the controller on in **instant** mode. Release left button.
4. Press the reset box button, and hold until the counter resets to 0. Release the reset button.
5. The counter will now advance to the current signal value.
6. Reset the counter again.
7. Press and release (or hold) the left button on the controller until the new desired value is displayed.
8. Press the center button to store the value. The display will go back to 0 once value is stored.
9. The new buzzer signal length will now be used.

Time Delay



Time Delay

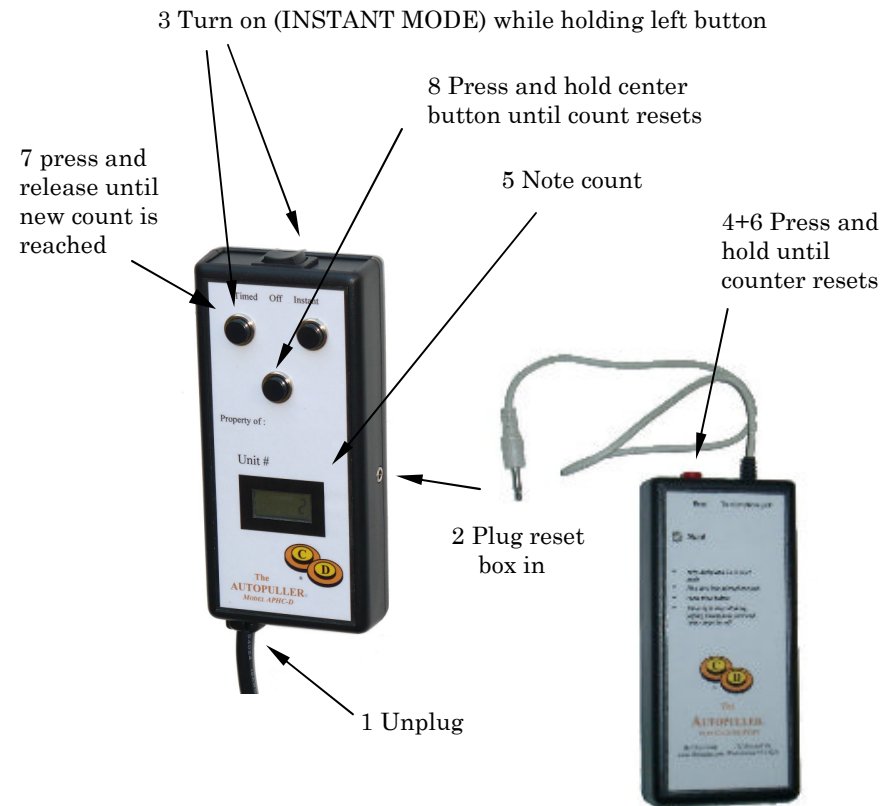
Buzzer Sound Length

Time Delay adjustment:

To adjust the delay time:

1. Unplug controller from target machine.
2. Plug the reset box in side of controller.
3. While pressing and holding the right button turn the controller on in **timed** mode. Count to 3 then release the right button.
4. Press the reset box button, and hold until the counter resets to 0. Release the reset button.
5. The counter will now advance to the current signal value.
6. Reset the counter again.
7. Press and release (or hold) the right button on the controller until the new desired value is displayed.
8. Press the center button to store the value. The display will go back to 0 once value is stored.
9. Turn off, wait 2 seconds, turn on and use.
10. The new time delay value will now be used.

The range is 1 to 10 seconds. Each count on the display will add .5 second. A count of 2 will give a delay of 1 second while a count of 10 gives a delay of 5 seconds.



Machine Signal

Machine signal adjustment:

If you have a slower cycling machine, you may have to increase the machine signal length.

To adjust:

1. Unplug controller from target machine.
2. Plug the reset box in side of controller.
3. While pressing and holding the right button turn the controller on in **instant** mode. Count to 3 then release the right button.
4. Press the reset box button, and hold until the counter resets to 0. Release the reset button.
5. The counter will now advance to the current signal value.
6. Reset the counter again.
7. Press and release (or hold) the right button on the controller until the new desired value is displayed.
8. Press the center button to store the value. The display will go back to 0 once value is stored.
9. Turn off, wait 2 seconds, turn on and use.
10. The new machine signal length will now be used.

The base time is .4 second machine signal. Each count on the display will add .1 seconds. A count of 10 will give a signal of 1 second. A count of 15 will give a signal of 1.5 seconds. The max time is 3 seconds, a count of 30.

Machine Signal

