

# LEGACY CONTROLS

## Elko CRM-2H UNI Timer

Simple Programming Guide for Lift Station Pumps (Timer 1 / T1)

This timer automatically turns your lift station pump **ON** for a set time, then **OFF** for a different set time **only when the timer enable float is up** (water level is high enough). It stays off when the float is down to prevent dry running.

**Safety Reminder** Qualified personnel only. Turn power off before adjusting. Wrong settings can damage the pump or cause overflow.

## How to Program (P1, P2, P3, P4)

For ON time (Impulse):

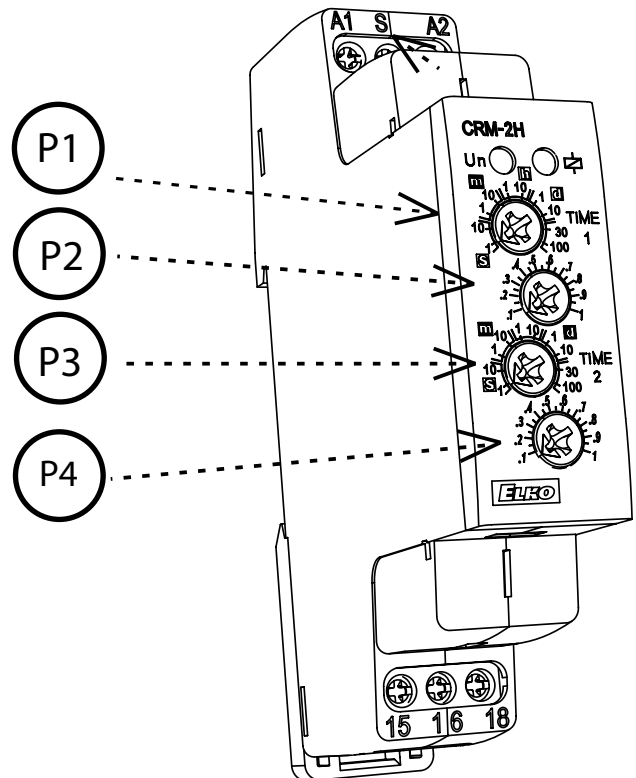
- Set **P1 (Impulse Range)** to the required range (example: “1 min”).
- Set **P2 (Impulse)** to the listed number (0 = shortest time, 1 = full range time).

For OFF time (Pause):

- Set **P3 (Pause Range)** to the required range (example: “10 min”).
- Set **P4 (Pause)** to the listed number (0 = shortest rest, 1 = full range time).

## Common Ranges

- 1 min range = 0 to 60 seconds
- 10 min range = 0 to 600 seconds (10 minutes)



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## Easy Examples (All times increased by 100%)

**Example 1:** P1 = 1 min + P2 at 1.00 = 60 seconds ON P3 = 10 min + P4 at 0.95 = 1140 seconds OFF

**Example 2:** P1 = 1 min + P2 at 0.50 = 30 seconds ON P3 = 10 min + P4 at 0.90 = 1080 seconds OFF

**Example 3:** P1 = 1 min + P2 at 1.00 = 60 seconds ON P3 = 10 min + P4 at 0.80 = 960 seconds OFF

## Quick Check

- Green LED = Power on.
- Red LED fast flash = Pump running (ON).
- Red LED slow flash = Pump resting (OFF).

Watch one full cycle (with float up) to confirm times. Slightly adjust the pots if needed. Press Pump Test button (if equipped) after power returns to sync.