T4 TIMER

1. GENERAL

- Waterproof battery-powered timer counts up or down.
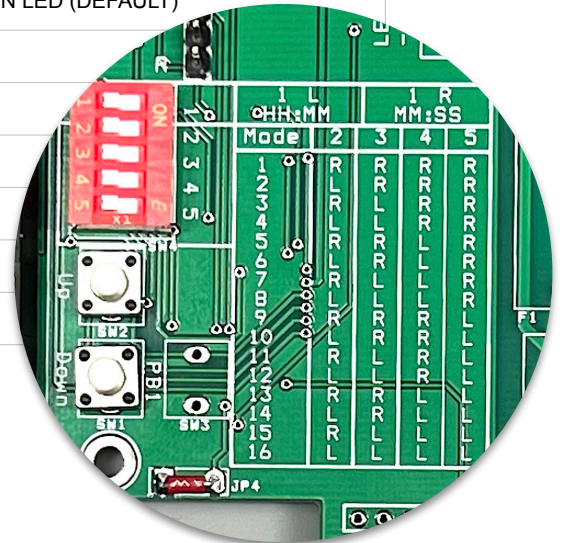- This applies to firmware rev 51_510_02

2. SETUP

- Connect the 9V battery.
- Press the front (green) button to start a countdown cycle. Notice that there is an "early warning" a few seconds before the end.
- Change the minutes setting using the blue buttons. Or alternatively, using the white buttons on the PCB.
- To change the seconds, *hold* the green button and then adjust the blue buttons, while continuing to hole the green button.
- Early warning can be changed by holding all 3 buttons for 5 seconds to enter a programming mode. Then release the buttons. Now the current "early warning" time is displayed. It can be changed the same as in the previous bullet. When the time you want is displayed, release all the buttons until the time flashes. The new time has been saved.

3. DIFFERENT BEHAVIORS

- Switch #1 selects the time units: either MM:SS(switch to the right) or else HH:MM (left)
- Other possible programs are given in the table below.

MODE	SW1	SW2	SW3	SW4	DESCRIPTION
1	R	R	R	R	EARLY WARNING ON FRONT BUTTON.
2	L	R	R	R	MANUAL STOP - CANNOT CANCEL CYCLE
3					NOT USED FOR T4
4	L	L	R	R	PAUSING (ACCUMULATES TIME AFTER STOPPING)
5	R	R	L	R	AUTOMATIC CYCLE STOP (WITH CANCEL)
6	L	R	L	R	EARLY WARNING ON BEACON LED (DEFAULT)
7	R	L	L	R	GUARD DUTY.
8					NOT USED FOR T4
9					NOT USED FOR T4
10					NOT USED FOR T4
11	R	L	R	L	REPEATING
12-16					NO PROGRAM

4. OTHER POINTS

- There is a low battery alert that is displayed on the screen. "Lo:bt" will appear.
- If counting in HH:MM, dots will chase along the bottom of the display to let you know that its timing. When the time counts continues lower than 99 minutes, it converts to MM:SS for the remainder of the countdown.
- Stopping can be done on modes other than #2. A stop is done by holding the front button for two seconds. Then after a beep, the display will flash to let you know that the cycle has been aborted. To reset, press the button again.
- The guard duty cycle is started with the front button. Once started, it cannot be stopped unless power is disconnected. This is why guard duty timers are often made with key switches to start and stop the timer.

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