

Universal Digital Programmable Timer Operation Instructions

Move the two PowerFlash slide switches to match Fig 1.
 Connect the LTU timer to the X-10 PowerFlash by tightening the Timer's spade tips under the screw terminals on the Power Flash as shown in Fig 2.



Fig.1



Fig.2

Connect your Driveway Alarm using the guide below

Optex RC10. Connect the NO and COM terminals on the back of the RC10 to terminals 2 and 3. Polarity does not matter.

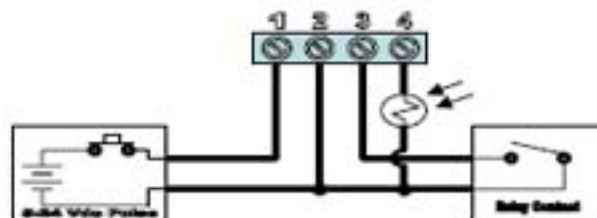
AutoAlert AL155. Connect the NO and +12V screws of the AL155 to terminals 1 and 2. +12 to 1 and NO to 2.

Mier Drive Alert Connect the Neg and NO screw terminals on the back of the controller to terminals 1 and 2.

Neg to 2 and NO to 1.

MURS Alert. Connect the red and black terminals on the back of the 538 base station to terminals 2 and 3. Polarity does not matter.

Dakota 3000 Drive Alerts (IR, probe and hose). Connect the NO and COM screw terminals on the receiver to terminals 2 and 3. Polarity does not matter.



To set the Timer duration force the timer in to program mode by bending out and using the paper clip to press and hold the reset button until the light flashes. This will take about 10 seconds.

The time value may now be entered by pressing and releasing the reset button up to 10 times. Each press of the button increments the timer length as indicated in the table below. After 30 seconds, the programming mode is terminated and the LED indicator will flash once for each press of the reset button to confirm the timer value selected. If the reset button was never pressed, then the last value for the timer will stay in tact and there will be no flashes from the LED. The timer can be programmed before connecting the unit to the PowerFlash. When the timer has been activated it may be cancelled at any time by simply pressing the reset button.

The three "AAA" batteries will be expected to last approximately 1 year under normal operating conditions. The LTU will warn you of low battery life by flashing the red LED every 10 seconds. It will not be necessary to do any reprogramming after replacing the batteries.

Connecting and Programming the Optional Light Sensor

Connect the light sensor across terminals 2 and 4. This programming mode should only be used if the optional light sensor is connected to the timer and is positioned where the end user would like to detect ambient light. Before programming, the ambient light level should be where the end user wants it to be for activation of the timer (example: dusk). Entering programming mode 2 shall be possible by holding the reset button for 20 seconds. The red LED will give 3 short flashes to indicate that programming mode 1 has been entered. Keep holding the reset button for an additional 10 seconds indicated by a second set of 3 short flashes. The timer will then automatically store the ambient light level sensor value present on input terminal #4. This will be the threshold of ambient light the unit will then use to allow the timer to function. The programming mode will automatically be terminated after the value is stored.

Number of Presses	Timer Value
None	30 seconds (default)
1	1 minute
2	2 minutes
3	5 minutes
4	8 minutes
5	10 minutes
6	12 minutes
7	15 minutes
8	20 minutes
9	25 minutes
10	30 minutes

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