

DGT XL returns to option number repair

In some cases a DGT XL returns to the option number in the display. The times have been reset to the last chosen and the timer can be started by pressing OK and Start.

The cause of this is in most cases a short disruption of the power. The XL consumes relative much power which causes it to switch off within 0.2 seconds after the power has been cut off.

The power cut-off may be caused by players who hit the timer relative hard, which may cause the batteries to move slightly in their compartment. Especially when the spring in the battery compartment has lost its maximum tension this may cause a temporary power cut.

Solution:

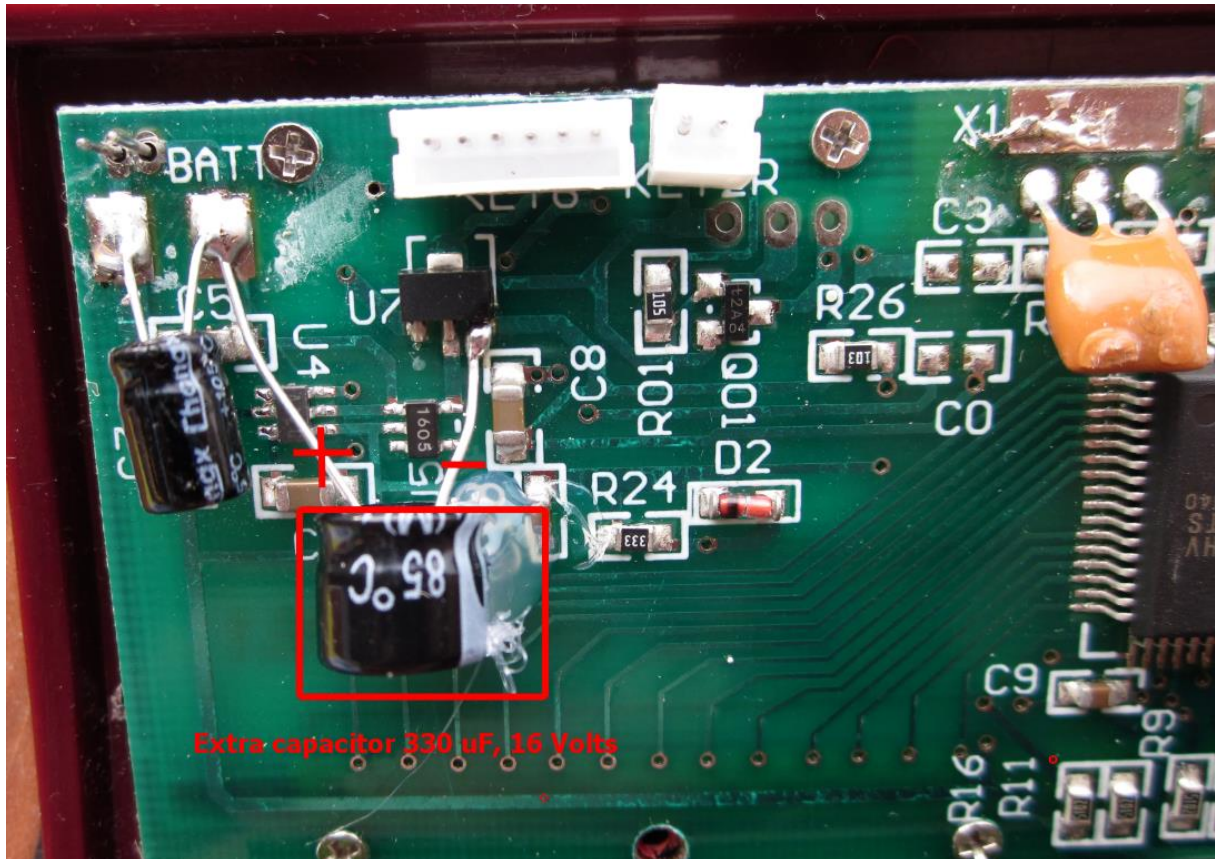
1. Be sure that the batteries are positioned well in the compartment and that the spring can push both batteries easily to the positive terminal.
2. Place an extra capacitor of 330 μ F- 16 V in the clock that may keep the power for some seconds after the batteries lost contact. This needs some soldering skills, but is relative simple for someone who has operated a soldering iron before.

Procedure

1. Take out the batteries and open the bottom of the timer with the 5 screws. These screws differ in size in most types, remember which screw came from where.



2. Remove the cable that comes from the battery terminals from its connector on the printed circuit board in the top left corner. This is because they would be in the way otherwise.
3. Connect the positive side of the 330 μF – 16 Volts capacitor to the positive power entry
4. Connect the negative side of the capacitor to the most right terminal of the 3 pin power regulator.
5. Put some (hot)glue on the capacitor to prevent it from moving when players hit the timer hard, or use a piece of (duct)tape over the capacitor



Extra capacitor 330 μF , 16 Volts

6. Reconnect the power wires
7. Close the bottom of the timer
8. Put in the batteries
9. Switch the clock on and choose an option and accept it.
10. Switch off the timer with the switch on the bottom.
11. The display should be visible for at least 2 seconds now.