

WF-500E Coin Operated Timer Control Board Manual

1 WF-500 Series model

WF-500E is used to do the electric device coin operated timer control. And that is widely used for the massage chair, washing machine, TV, game machine, Microwave oven and so on. And that is very easy to change a normal electric equipment to a coin operated electric equipment.



2 Technical Specification

Power Input: +12VDC ;

Output Relay Power Maximum: 250VAC 5A / 30VDC 5A or 250V 30A / 30VDC 30A (Optional) ;

Board Size: 93mm * 52mm ;

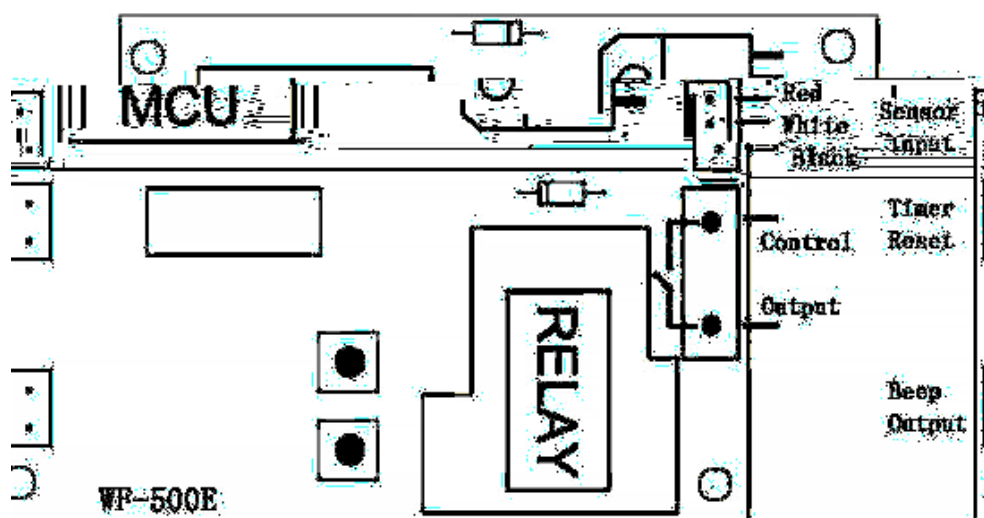
Digital Timer: Four bits LED Timer ;

Maximum timer: 999 minutes ;

Maximum coin pulse preset: 30 pulses ;

Timer value saved when power off ;

Timer credit and pulse can preset by the P1 and P2 push button .



3 How to setup

There are two Button on the control board: P1 and P2. We can use the P1 setup button to preset the timer value per coin pulse. After release the setup button at 3 seconds, then control board will auto-save the preset value. And we can use the P2 button to setup the minimum coin pulse (from 1 to 30) to run the timer.

4 Connectors and Input Wires

- 1 Input wires from pulse type coin acceptor

Three pin connector with : Red wire, Black wire and White wire and that is specified as following :

Red To power supply : +12V

Black To power supply: GND

White Coin pulse input (Connect the coin pulse output (NO Type Output) line from coin acceptor

If have other wires from coin acceptor, normally that no need to connect

If the board have the save function, then will have another reset wire, that is used to reset the timer value.

- 2 Sensor Input:

That is used to connect to the position detect switch from the under-control device. Sometimes for example the massage chair, that would need to stop at the special position even when the timer is out. So need to connect the position switch to WF-500E.

If don't need the sensor input ,then can short the connector manually. The the timer will stop when timer out..

- 3 Timer Reset Input:

That is used to reset the timer with you need to reset the timer when the timer is running.

5 Connectors and Output Wires

- 1 Beep Output:

That is use to connect to the beep or speaker to voice alarm when the timer has less than one minutes left.

- 2 Control Output wires

WF-500E has one relay switch output line , that is a relay output switch, that is used to control the outside device , for example, that can be used to switch the power line and others.

That is working as a normal switch.