WF-402 Coin Operated Timer Control Box Manual

1、WF-402 timer control box：

WF-402 is used to do USB cable timer control. And that is widely used for the simple kiosk computer control, game machine and so on. And that is very easy to change a normal electric equipment to a coin operated electric equipment.

Front side   Back side

Plug the input USB cable For example Mouse, keyboard

Plug the output USB cable to PC

Plug the power connector to the PC inside power plug

Simple connectors:
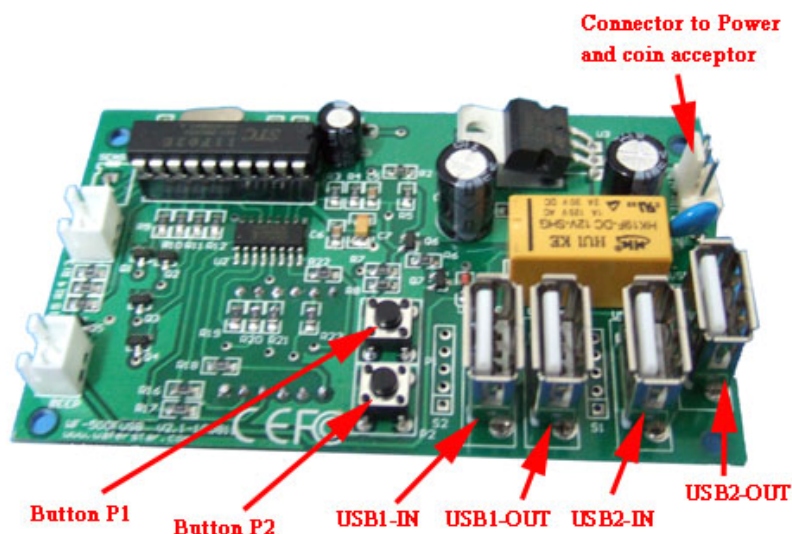
On the back side of WF-402 box,there are two USB input port, normally,that is used to connect to the USB input device ,for samples,that is USB mouse and USB keyboard , or USB joystick and so on.

And WF-402 also has double USB output cable,that is used to connect to the PC USB port.

WF-402 has one power connector,that is used to connect to the Computer inside Power plug. That is used to supply the power for the whole WF-402 box.

Inside of the WF-402,that main control board is WF-500USB. The following is some technical data of WF-500USB board.

2、WF-500USB timer control board

Connector to Power and coin acceptor

Button P1   Button P2   USB1-IN   USB1-OUT   USB2-IN   USB2-OUT

3、WF-500USB timer control board 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 .

4、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.

5、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）USB port:

WF-500USB has double USB control channels, that can control double USB input and output device. For example ,we can use it to control the USB keyboard and USB mouse.