

Operation Manual

The programmable power switch mainly has two functions. One is to set time for Power ON/OFF, and the other is to control the Power ON/OFF.

It can be used to set 20 groups of ON/OFF data, and control the switch of one power socket. With different settings, it operates differently. Rated voltage:12,24VDC;110,220, 230,240VAC.

Frequency: 50Hz~60Hz. Load: 16A.

The programmable power switch has 8 buttons: “D+”, “H+”, “M+”, “RCL”, “Clock”, “Prog”, “MANUAL”, “Reset” and one LED light.

The programmable power switch has two display states: Clock state and ON/OFF time setting state. LED indicates power ON/OFF states. If the LED light is on, it indicates the power is on; if it is off, it shows the power is off.

I. Clock state

1-1 Clock indication:

The clock is displayed in two ways:

(1) 12-hour display: the digital number is from 1:00 to 12:59 with AM or PM shown on the left of the screen.

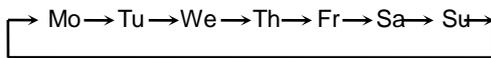
(2) 24-hour display: the digital number is from 00:00 to 23:59 without AM or PM displayed on the screen.

Press “Clock” button 3 seconds, and clock display will be change.

1-2 Clock setting:

Press the “Clock” and “D+” buttons simultaneously to set the week.

The variation order is:



Press “Clock” and “H+” or “M+” buttons simultaneously:

Clock + M+ adds 1 minute; press these 2 buttons continuously, 4 minutes is added in 1 second.

Clock + H+ adds 1 hour; press these 2 buttons continuously and 4 hours is added in 1 second.

After setting, clear the second indication to 0 before starting to count.

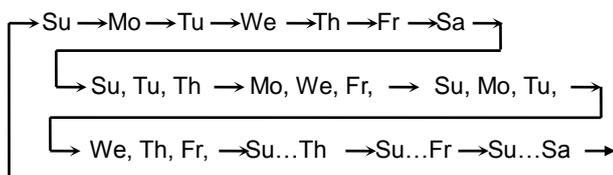
II. Power time ON/OFF setting

2-1 In the present state, if you press “Prog” button once, it enters power time ON/OFF setting state with “1 on” displayed at the left bottom of the screen.

“1” indicates Group 1 ON/OFF time; “on” indicates power-ON time.

Time can be directly set by pressing “H+” or “M+” button under this state. It is the same as time setting without pressing the clock button.

2-2 Power ON/OFF time can be set by pressing “D+” button and is displayed on the upper part of screen. The display order is:



(1) If “Mo, Tu, We, Th, Fr, Sa” and “Su” are all displayed, it shows that the time ON/OFF setting is effective every day.

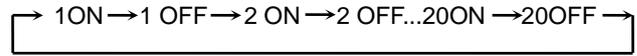
(2) If only one of the “Mo, Tu, We, Th, Fr, Sa” and “Su”

is displayed, it shows that the time ON/OFF setting is effective only on that day.

(3) If “Mo, Tu, We, Th, Fr,” or “Sa, Su” are displayed, it shows that the time ON/OFF setting is effective on these days.

2-3 ON/OFF time can be set to change from Group 1 to Group 14 by pressing “Prog” button.

The changing order will be:



The set time can be canceled or resumed by pressing “RCL” button, which is effective only in time setting.

When the set time is canceled, the given tacit time 12:00 AM (12 hours) or 00:00 (24 hours) can be displayed by pressing “H+”, “M+” button.

When the set time is canceled, it can be resumed by pressing “RCL” button.

When the ON/OFF time is set, it becomes effective at once.

In the state of power ON/OFF time being set, the clock state can be returned to by pressing “Clock” button.

III. Connection between time setting and power switch

Power switch has 3 states:

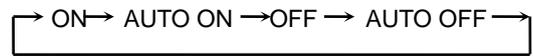
ON: Power on state

AUTO: The state of the timer being connected to power switch

OFF: Power off state

One of the states can be selected by pressing “MANUAL” button.

The conversion order is like this:



The set ON/OFF time is effective only in the AUTO state and power ON/OFF is turned automatically.

Remark:

1.5V cell is adopted for the controller as spare power supply.

The adjustment of the clock can be made only by pressing the buttons of “Clock” and “H+” or “M+” or “D+” simultaneously.

In the initial state, ON/AUTO/OFF indicates AUTO state.

