

# Intelligent time controller instruction

## 1. Functions introductions

The controller is adopted 8 digital tube to show the modes of time and work. It adopts PWM dimmer electric. It matches the precise clock chip which can control the brightness and darkness of the light according to the time. When present time is same as the predicted time, the light will change as previous brightness. You can set 10 scenes during the 24 hours one day. By optical sensor, the controller can automatically adjust the brightness of the light according to the darkness and brightness of the environment optical line. The controller can be used for the normal one.

The controller works through the infrared ray remote controller, and operate easily.


## 2. Basic parameters

1. Input voltage : DC12~24V
2. Static power dissipation: <0.24W
3. Working voltage: DC12~24
4. Working power: Max 144W
5. PWM signal class:256
6. PWM signal frequency :325HZ
7. Control distance:>10m
8. Time deviation: <5 seconds per month



## 3. Time set

The controller is inputted precise time control chip. It can work precisely when you set the time. You should referent the local time before you set the time. After setting, the controller can restore automatically, and the parameters will not be lost when cut off the power supply.

1. When the controller is on, press the key of Time



set  one time, the digital tube will show that will be changed. The left 2 number is hour, the right 2 number is minute that will shine which show the parameters can be changed by the key of plus and minus.

2. Change the parameters through the key of plus and


minus  ,  to make the number is the same as the present minute. (You'd better set 1 minute faster than the present time, because you need time to set the other parameters.)

3. When you set well, press the key Time Set again, shining digital tube will be changed to the 2 number of hour.

4. Change the parameter by the key of plus and minus,

 ,  to make the number is the same as the present hour.


5. After setting the hour and minute, press the power key


 to restore the data. The digital tube will be standby mode when set out. The right 5 number of the digital tube dedicated the time. The time start to work after setting the hour and minute, the second starts from 0.



4. Time control function


Time control function is similar with the clock function. When the time of the present and prediction are the same, the controller will change the brightness of the light. When cut off the power supply, the data will not be lost.

When time control mode, the digital tube of the last left one is 2 that show the controller is under the time control mode and will change the light according to the time. If the left number is not 2, you can press the

key  to change it to be 2. The controller can set 10 scenes, each scene is included 2 parts of parameters: time and brightness. The way to set the scene:

1. When the controller is on, press the key  one time, the digital tube will be changed, there are three parts of it. The last left is the number of the scene (the number is between 1~5), the middle 2 number is hour, the right 2 is minute.

2. Dedication shine parameter can be changed by plus and minus key 、 .


3. Press the Scene set  again, shining digital tube will be changed, you can change the parameter, the hour range is 0~24 (when you set 24 hour is not available), the minute range is 0~59.


4. The brightness plus and minus key of the controller




or the brightness hot key to change the brightness, the present brightness is the present scenes brightness, you can choose the brightness from 0~100%.

5. All the parameters are settled; press the power

key  to save the data The digital tube will standby mode when set out .When the setting

suitable, press the key  , the parameter will recover the parameters.

5. Light control mode

When the controller is on, press the light key  ,

the first number of the digital tube is 1 that is the controller is under the light control mode, at the same time controller can change the darkness and brightness of the light according to the environment optical line. The environment optical line is bright the light will to be dark, when the environment optical line is dark the light will to be bright. When the controller leave the factory you can optical line sensitivity of the induce.

## 6. Light adjust mode

When the controller is on , press the brightness hot key on the controller to enter the light adjust mode. When the first number of the digital tube is 0 that is the controller is on the light adjust mode, at the same time the controller can change the light according to the settled brightness.

The statue of on and off and the brightness, when the power supply is off, it can remember . When restore the power supply , it will be the statue that you set before cutting the power supply automatically.

