

RC1 Remote Control Instruction manual



1.Appearance



2.Key operation instruction

Key area	Key name	Executive function	Individual function
Settings area		Menu bar scroll up	Chinese and English display interface switch: Within 3 seconds after the battery is installed, press and hold the " *** key to switch
		Menu bar scroll down	-
	+	Increase in parameters	Infrared/2.4G communication mode switch: Within 3 seconds after the battery is installed, press and hold the " + " button to switch
	-	Decrease in parameters	Password setting: Press and hold the "- "key within 3 seconds after the battery is installed
	SET	Press and hold for 3 seconds to enter parameter setting	-
Functional domain	SEND	Send working parameters	-
	TEST	Send test instruction	-
	PRM	Working parameter reading	-
	INFO	Working status reading	-
	QUIT	Return to the parameter browsing page	Hibernation function: Hold down the "QUIT" key for 3 seconds to hibernate the controller

Remote control use steps:

① Please install three No. 7 (AAA) batteries first, pay attention to the positive and negative electrodes, do not install reverse;

② Determine the remote control communication mode: infrared /2.4G;

③ Determine whether the remote control password has a password, the password is correct;

④ Determine whether the remote control parameters are set correctly;

⑤ Power on: After the battery is connected, the remote control will automatically power on and enter the parameter browsing menu (default);

⑥ Shutdown: No key operation for 20 seconds, the system automatically shuts down and enters the sleep state, press any key to wake up.

3. Three. Remote control on and off

①Power on: In the shutdown state, press any key to open the remote control;

② Shutdown: After 20 seconds of no key operation, the system automatically shuts down and enters the sleep state.

4. Remote communication mode selection

Within 3 seconds after the battery is installed, long press " + " to switch the infrared communication or 2.4G communication (the default infrared communication of the controller with induction head), the switch is successful and drop a sound;

If nothing is displayed in the upper left corner, infrared communication is displayed. If

2.4G is displayed, 2.4G communication is displayed.





5.Remote control and controller password Setting

The user can set the password of the controller. After the password of the controller is set, the remote control needs to set the same password as the controller to successfully pass through, otherwise the communication fails (note: the initial password of the controller is "000000", and the initial default password of the remote control is "000000").

① Within 3 seconds after installing the battery, long press the "Reduce" key to enter the password setting interface, and the remote control will emit a drip sound.

key	Feature	
+	Increase in figure	
-	Reduce in figure	
	The password location	
	of the previous one	
	The password location	
	of the latter one	
QUIT	Press QUIT to set the	
	written password	

② Password setting key description







If the password is "000000", nothing is displayed in the upper right corner of the screen.; Change the password to another number "88888", and "Password" is displayed in the upper right corner of the display;

If the remote control needs to be changed from "encrypted" to "no password", you need to re-enter the original password, and then change the password to "000000", exit the save can be changed from "encrypted" to "no password".

6.Parameter setting

After the battery is installed in the remote control, enter the parameter browsing interface. After selecting the corresponding communication mode and password, press and hold the "SET" key for 3 seconds to enter the parameter flow interface. The remote control will emit a drip sound.

① Function mode selection: T-Con-Mode/S-Con-Mode









Battery Type Select The corresponding battery type and battery voltage. If the battery

Batype	Overdischarge voltage	Overshoot recovery voltage	Charging cut-off voltage
Li 3.2V	2.65V	3.1V	3.65V
Li 6.4V	5.3V	6.2V	7.3V
Li 12.8V	10.8V	Charge recovery	14.6V
Li 11.1V	9V	Charge recovery	12.6V
Lead 12V	10.8V	12.2V	14.6V
Li 25.6V	21.6V	Charge recovery	29.2V
Li 22.2V	18V	Charge recovery	25.2V
Lead 24V	21.6V	24.4V	29.2V

type changes, the corresponding parameters change:

③ Load current selection



Load current 0.33A-10.5A, 0.33A one gear, load power according to the set current x

the corresponding light source voltage

④ Light control delay selection



Optical delay 5S-10S-15S-20S-30S-40S-50S-60S

Light control delay time, such as 5S after the battery is connected, or 5S after the

photovoltaic panel is charged

(5) Light sensitivity selection



The light sensitivity is set to "M" by default

To light up in advance select sensitivity "S", to light up later select sensitivity "H"

⑥ Set the time range power range



Time control mode: 5 periods +1 morning light period

Induction mode: 4 steady on periods +4 induction periods

7. Parameter sending and parameter reading

After the controller works, the remote control can send the current remote control parameters to the controller in the parameter browsing interface. If the transmission is successful, the 3 indicator lights on the controller will blink for 3 times at the same time, and the remote control will show that the transmission is complete; If the transmission fails, the remote control shows that the transmission failed.





Send failure

Send complete

After the controller works, the remote control can read the controller setting parameters in the parameter browsing interface. Press the "PRM" key to read the current setting parameters of the controller. If the parameters are read successfully, the 3 indicators on the controller will blink for 3 times at the same time, and the remote control will show that the reading is complete; If the read fails, the remote control shows that the read failed.





Read complete

Read the retrieved parameters

8.Message status reading

After the controller works, the remote control points the controller in the parameter browsing interface, press the "INFO" key, the remote control will read the operation information of the controller, if the reading is successful, the three indicators on the controller will blink, and the remote control will display the information of the controller read.



Read information

Read failure







Read complete

Read the retrieved information

9. Test mode

After the controller works, the remote control will be in the parameter browsing interface, align the controller and press the "Test" button, and the remote control will enter the test menu. When the controller enters the test mode, the load will be turned on, and the load power corresponds to the power indicated above the remote control. Press the "Test" key several times, the controller load output power will be turned off according to -5%-10%-... -100% switchover. The controller works in test mode for 30 seconds and then automatically switches to normal mode.



10. Sleep and wake up

After the controller works, long press the "QUIT" key for 3 seconds to make the controller enter the sleep state, all the indicators go out, and the remote control emits a



drip sound.

When the controller is connected to the photovoltaic panel, the photovoltaic panel will wake up after 5 seconds in the sun and resume normal work; You can also wake up the controller by resending the parameters to it.



Note:

①Only the infrared remote control controller products can use the remote control to let the controller exit hibernation and enter the working state. If it is a 2.4G remote control controller, the remote control cannot be hibernated;

②All controllers with complementary mains cannot use the remote control to sleep.

11. Precautions

(1) The remote control supports infrared and 2.4G two communication methods, so you need to choose the correct remote control communication method according to the remote control type of the controller, if the remote control communication method is not correct, the remote control will not communicate.

Infrared and 2.4G difference







Infrared communication

2.4G communication

② The controller with the induction head only supports infrared communication, the

upper right corner of the remote control display interface cannot appear 2.4G, and the

working mode can be remote controlled in the induction mode.

12. Technical parameters

Power supply battery	7 (AAA) ×3	
Supply voltage	4.5V	
Effective distance	10m (Infrared) /15m (2.4G)	
Normal power consumption	5mA	
Shell material	ABS + PC	
Operating temperature	-40°C-+80°C	
Working hours	Set for more than 72 hours continuously	
weight	80g (battery-free)	
dimension	130×70×20mm	



13. Parameter setting table

Functional model	2 m	odes to choose from				
Battery type	Battery typ	pe and voltage information				
Output power	0.33-0.66	LED load current				
Optical delay	5S-10S	Light control delay time				
photosensitivity	H, M (Default), S, L					
T- Con-Mode (Time control mode)						
one-time	0-7.5h	one working hour				
one-power	0-100%	one working power				
two-time	0-7.5h	two working hour				
two-power	0-100%	two working power				
three-time	0-7.5h	three working hour				
three-power	0-100%	three working power				
four-time	0-7.5h	four working hour				
four-power	0-100%	four working power				
five-time	0-7.5h	five working hour				
five-power	0-100%	five working power				
daw-time	0-7.5h	daw working hour				
daw-power	0-100%	daw working power				
	S- Con-Mode (Induction mode)					
one-time	0-7.5h	one working hour				
one-power	0-100%	one working power				
two-time	0-7.5h	two working hour				
two-power	0-100%	two working power				
three-time	0-7.5h	three working hour				
three-power	0-100%	three working power				
four-time	0-7.5h	four working hour				
four-power	0-100%	four working power				
Induction one-time	0-7.5h	Induction one working hour				
manned power	0-100%	Induction one manned power				
unmanned power	0-100%	Induction one unmanned power				
Induction two-time	0-7.5h	Induction two working hour				
manned power	0-100%	Induction two manned power				
unmanned power	0-100%	Induction two unmanned power				
Induction three-time	0-7.5h	Induction three working hour				

