Hwin Infinite light—12 Keys Handy RF Remote Controller's Operation Manual：
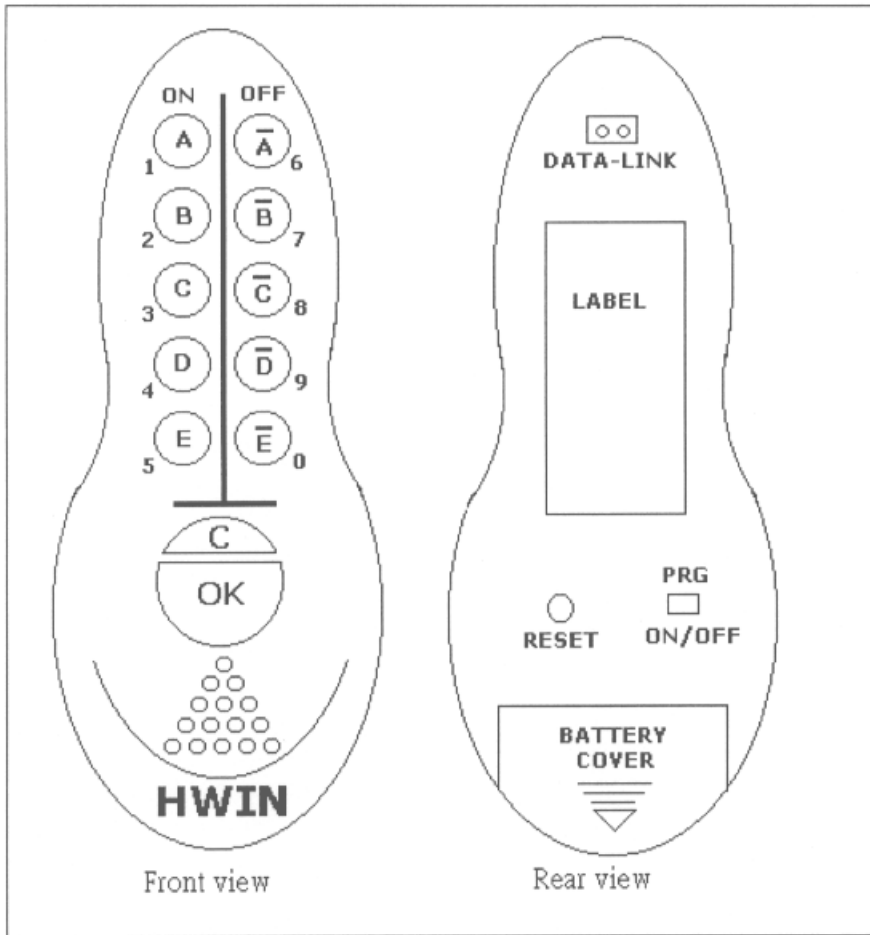
A. Profile of HLTC-3000S/HLTC-4000S

Front view   Rear view

1. There are 12 keys in the front view of Controller, at the left side are A 、B 、C 、D 、E to be used as " turn on " function, at the right side are $\overline{A}$ 、$\overline{B}$ 、$\overline{C}$ 、$\overline{D}$ 、$\overline{E}$ to be used as " turn off " function.

2. Besides, these 10 keys of front view do learning again, it can use these 10 figures of "1,2,3…0" as a number key of learning function.

3. There are two large keys, upper key CX and down key OK , to be used as learning, clear and other function.

4. In the upper side of rear view of Controller, there is a data transmission socket of DATA-LINK

5. In the rear view of Controller, at the left side there is a ON/OFF switch of Program, and at the left side there is a RESET socket to be used as learning and clear function

6. In the rear view there is a battery pack in the bottom side.

B. Product's specification

1 .   Model: HLTC-3002

2 .   Frequency: 433.92 M Hz

3 .   RF power: around   6.4uW

4 .   12 keys

5 .   Battery :   23A 12V

C. Operation Manual :

一、 Controller's operation mode :

I、 Start to put the rear view of Controller " PRG Switch into " OFF "。

II、Press A ~ E keys (select any key of A to E) or A ~ E + Ok (select OK and any key of A to E)，to turn on the lamps or electric appliance which to be learning by any key. When any key to be pressed at first time, it will turn on the learning lamps or electric appliances. If you repeatedly press this key at the second time , it will do turn off the learning lamps or electric appliances in a rotary order .

III、Press the right side /A ~/E or /A~/E+ Ok keys, it will do turn off the relevant lamps or electric appliances which have been learned by left side key already. 。

IV、 Press any /A ~/E key controls 8 sets of lamps or electric appliances, totally A to E 5 keys do 40 sets of control modes. Besides, these /A ~/E + OK another 5 group of keys can do another 40 sets of control modes.

二、Controller's learning operation mode :

I、 Firstly, put the switch mode of PRG to ON position in the rear view of Controller.

II、 Directly input the ID number (9 digits) of RF receiver into any key of Controller (A to E and $\overline{A}$ to $\overline{E}$), and press OK key, then these lamps or electric appliances to be turned on accordingly.

III、When these lamps or electric appliances to be turned on, press any key of A ~ E or A ~ E + OK keys to be as a new added remote control key (meantime the receiver will be flashing continuously, it means new added learning operation to be finished)

IV、 While above operation to be finished, make sure all setting operation to be OK and then press OK key. Finally, put the switch mode PRG into OFF position in the rear view of Controller.

Remark : 1. When do input ID digit number, any error digit number to be done. It just need to put PRG into **OFF** position, and put back to **ON position. It can do**

renew input another ID number or press OK + CX + A keys to do same operation.

2. When press any key of A ~ E 或 A ~ E + OK keys, these devices don't have been flashing, it means these memories of 8 sets of control keys are full, and then it can do new learning mode from other A ~ E or A ~ E + OK keys.

3 . Any one key can do learning memory at most 8 sets.

※ 4. **When doing this learning mode will use out battery power, please put** PRG **into OFF position quickly after conduct learning mode . 。**

三、ID number's clear operation mode：

I、Firstly, put the switch mode of PRG to ON position in the rear view of Controller.

II. Directly input the ID number (9 digits) of RF receiver into any key of Controller (A to E and A̅ to E̅), and press OK key, then these lamps or electric appliances to be turned on accordingly.

III、When these lamps or electric appliances to be turned on, press CX key , CX key to be done as clear function. (when this operation to be finished, the receiver will be done flashing operation, it means all clear function to be finished.)

IV、When above operation to be finished, press OK key and ending all clear function.

Remark 1. When input ID digit number, any error digit to be done. It just put PRG Key into **OFF** position and put back **ON** position, it can renew input another ID number or press OK + CX + A keys to do same operation.

　　2 When above operation to be finished, Controller will do transmit all input's ID code (9 digits) of RF receiver into these devices. And these clear Operation will be done automatically. After that Controller can't do this Control operation same as before.

　　3. When it does clear **ID code, please don't put** PRG **into OFF position, otherwise**
it will come back standard operation mode.

※ 4. **When doing this clear mode will use out battery power, please put** PRG into **OFF position quickly after conduct clear mode . 。**

四、Any one key's ID code clear mode：

I、 Firstly put PRG switch into **ON position in the rear view of Controller。**

II、And then insert any thin rod (pen) into **Reset** key.

III、Press any key of A ~ E 或 A ~ E + OK keys and all the learned ID codes will be cleared automatically. Every key owns 8 sets of ID codes, when

Controller

Do transmit this clear message to RF receiver continuously, meanwhile it will Raise a "buzzer" sound. Caution: **when doing this operation, it come to be Finished already after 8 sound of Buzzer. When doing clear operation please Don't put** PRG **switch into OFF position**。

IV、When this clear operation to be finished, this key can't do remote control operation any more. Unless it restart the learning operation , therefore please do it carefully while it is pressing any key.

vi   **4. When doing this clear mode will use out battery power, please put** PRG into OFF position quickly after conduct clear mode .。

五、Remote control Wall-mounted Switch learning mode：

I、 Firstly to make the DATA-LINK   cable of rear view and the DATA-LINK cable of Switch To be connected together.

II、Then put the PRG switch into ON position.

III、Press these 3 keys of   OK + CX+ B , and put the control mode into the setting mode of Wall-mounted Switch.

IV、 And then press any key of A ~ E or   A ~ E + OK   keys, the ID code number will Be transmitted through memory IC into Wall-mounted switch.

VI、When the learning operation to be finished, please put the PRG switch into **OFF position and pull out the** DATA-LINK cable, make this system back to standard operation mode.

Remark： 1. When it doing learning mode operation , please don't put the PRG switch into **OFF position, otherwise it should come back to standard operation mode.**

 * **2. When doing this learning mode will use out battery power, please put** PRG into OFF position quickly after conduct learning mode .。

六、HA Telephone remote controller's setting mode：

1. Firstly to make the DATA-LINK   cable of rear view and the DATA-LINK cable of HA telephone remote controller Connect   together.

II、Then put the PRG switch into **ON position.**

III、Press these 3 keys of OK + CX+ C , and then put the controller into HA telephone remote controller's setting mode. Finally, please refer to " HA Telephone Remote Controller's operation manual.

七、Controller VS Controller's ID code copy operation code

I、Firstly to make the DATA-LINK   cable of rear view and the DATA-LINK cable of

Controller to be connected   together.

II、Then put the ⬚PRG⬚ switch into ON position.

III、Press these 3 keys of⬚OK⬚ + ⬚CX⬚+ ⬚D⬚ , and then put the Controller into transmission setting mode . next to press these 3 keys of ⬚OK⬚ + ⬚CX⬚+ ⬚E⬚ at the same time

Put the controller system into the RF receiver setting mode.

IV、When above operation to be finished, user just need to press the ⬚OK⬚ key in the front view. It will do transmit all the function of control to be copied into the receiving side accordingly.

VI、If it want to clear all the data which to be learned from the Controller, user just need to put the ⬚PRG⬚ switch into **ON   position , and then press these 3 keys of** ⬚OK⬚ + ⬚CX⬚+ ⬚/E⬚ at the same time, it can to be made the system back to non ID code setting mode.

Remark：1. When in the setting mode process, please don't put the ⬚PRG⬚ switch into OFF position, otherwise it will make this system into standard operation mode.

　※　2. When in the setting mode of <u>HA telephone remote control , please put the</u> ⬚PRG⬚ <u>switch into</u> **<u>ON position. After you do the setting mode to be finished,</u>** **<u>please put the</u>** PRG <u>switch into</u> **OFF position.**

　　　3. **When it put the** PRG switch into **On** position and press these 3 keys of ⬚K⬚+⬚CX⬚+⬚A⬚ , it will make this controller system into learning/clear operation mode.

　　　4. **When it put the** PRG switch into **ON** position and press these 3 keys of ⬚OK⬚+⬚CX⬚+⬚B⬚ , **it will make this controller system into Wall-mounted switch setting mode.**

　　　5. **When it put the** PRG switch into **ON position and press these 3 keys of** ⬚OK⬚+⬚CX⬚+⬚C⬚

　　　　it will make this controller system into HA Telephone remote controller setting mode.

　7. **When it put the** PRG switch into **ON position and press these 3 keys of** ⬚OK⬚+⬚CX⬚+⬚D⬚

　And ⬚OK⬚+⬚CX⬚+⬚E⬚ , **it will make this controller system into " controller VS controller' ID code copying operation mode.** 。

　(Notice : This device comples with part 15 of the FCCRULES.Operations:

　　　(1) This device may not cause harmful interference and (2) This device

　　　must accept any interference received. Including interference that may)

Caution:
The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.