iPower
Smart Power Socket
PS-30X
Instruction Manual

iPower Specifications

Hardware

- e2-Live RF Tx/Rx 2 way module
- Frequency：433.92MHz +/- 150KHz
- Digital ID coding (0000~9999)
- Received / Emit distances : open space 60 meters

Specifications of loading

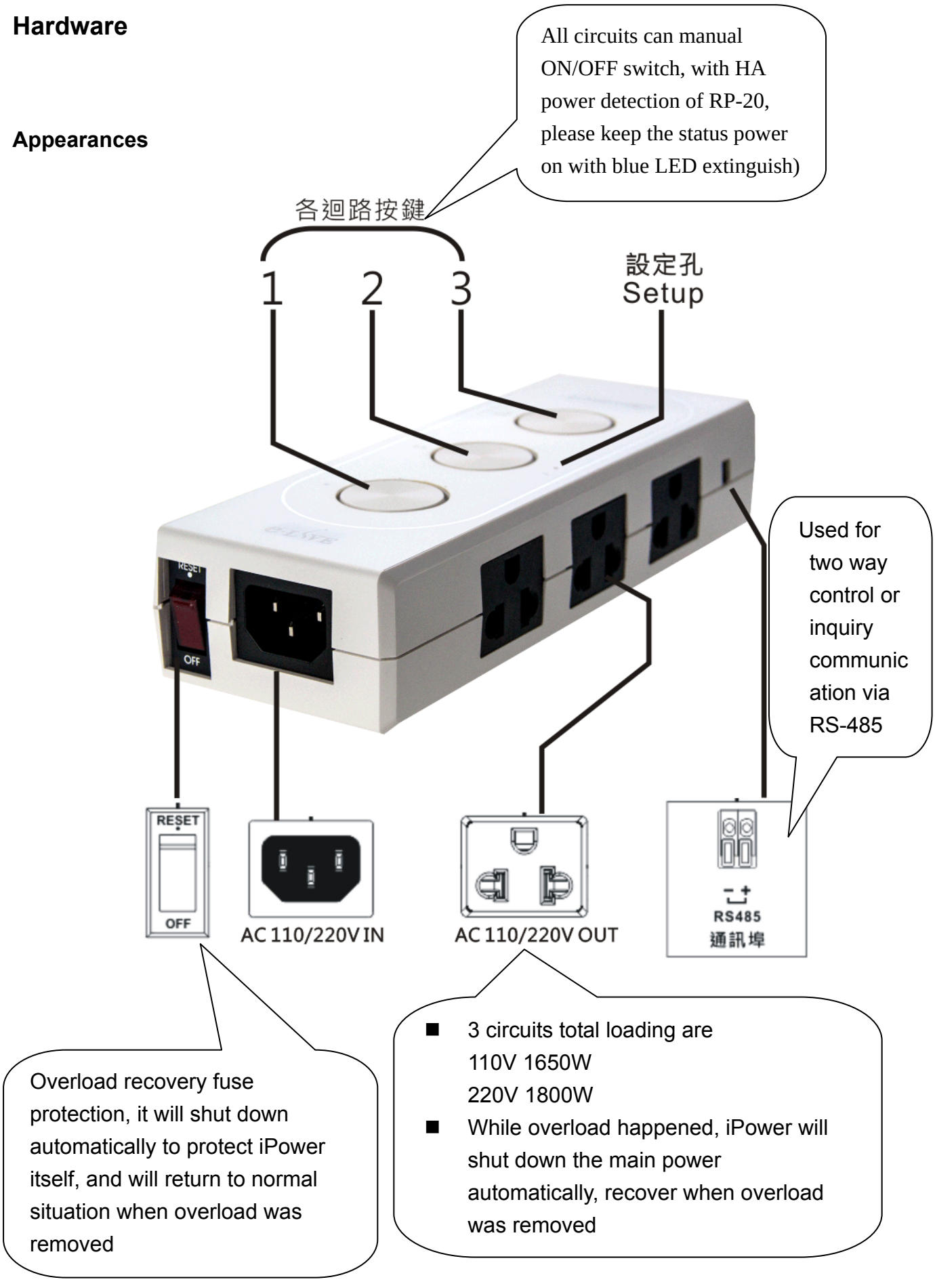
- Power overload protection of recovery fuse x1
- 3 circuits ON/OFF totally loading
  110V 1650W
  220V 1800W
- RS-485 communication，0.1A power fuse

Functions

- 3 circuits sockets
- Manual tock switch ON/OFF
- Remote ON/OFF
- Power detection, checkup the actual power states (with scenario usage of RP-20)
- With RS-485 two way communication (control or inquiry)
- Accept e2-Live ALL OFF commands, can be set to enable or disable

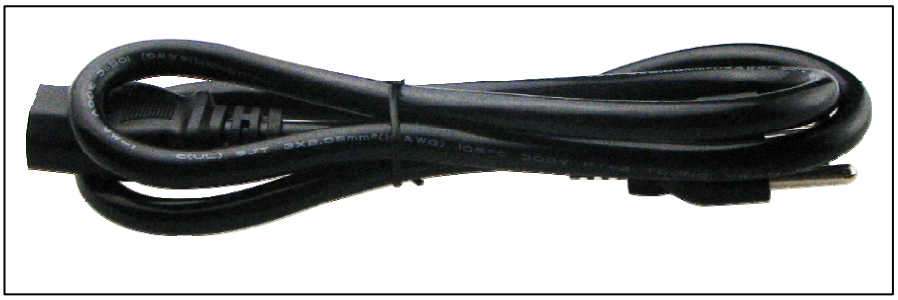
Hardware

Appearances



Accessary

Power line



Note: Special specifications, please with this power line for **ipower** using in order to make sure correct operations.

Setting iPower

Set up before using :

ID & position of remote button

Main function is to be controlled wirelessly by all kind of remote controller of e2-Live.

General functions :

For connected device, which does not need to know the status of power, or judge the function.

Tools required:

RC -07 scenario remote control, the first zone to third zone

RC -09 intelligent remote control, the first zone

HT -100 LCD remote control, the first zone to fifth (except zone 1 to 7)

Itouch lighting / curtain / power supply area (except power zone 1 to 7)

RP -20 software, the first zone to fifth (except fifth zone no. 1 to 7)

iPower can be set at any position for remote control

Actions before setting::

1. Firstly set up the remote ID, for example: RC -07 / RC 07 / RC-09 must be set up a four-digit ID; itouch or RP -20 software is need to define the four-digit ID through software.
2. Determine iPower's 1 ~ 3 circuits to corresponding position.
3. Determine the connected device accept remote control “All off”.

Setting Description:

1.Press and hold the position of wanted circuit, such as the first one.

2.Take a paper clip to poke tact switch in the hole, until the red LED constant light up.

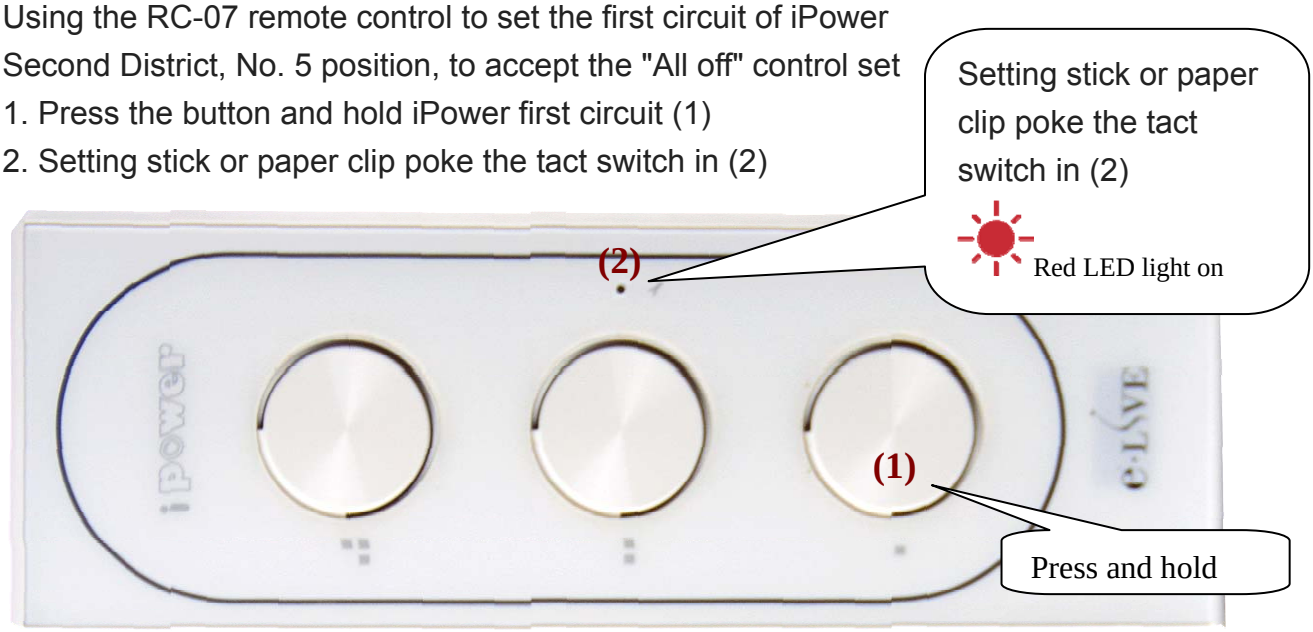
3. Pick up the setting of the Remote Control, press the wanted number, then press “ON” to not accept the "All off" control, press “OFF” to accept the "All off" control.

4. Red LED starts flash (up to 7 times) indicates the setup is successful.

6. After entering the setting mode, there are 15 seconds to setting, if red LED has extinguish that means setting unsuccessfully.

Using the RC-07 remote control to set the first circuit of iPower Second District, No. 5 position, to accept the "All off" control set

1. Press the button and hold iPower first circuit (1)
2. Setting stick or paper clip poke the tact switch in (2)



3. Press RC-07 (2) **(3)**
4. Press RC-07 (5) **(4)**
5. Press RC-07 OFF **(5)**，to accept “All off” control
   Red LED flashing means successful。

Remote function confirmed：

Press RC-07 (2)，press (5)，press ON，blue LED extinguish

Press RC-07 (2)，press (5)，press OFF，iPower blue LED light on

Press and hold RC-07 ▼，then press ON and release both to perform “All off” function，iPower first circuit blue LED light on.

Link connect RP-20, when scenario is been executed, it will detect the power status of your appliances

For appliances, used with RP-20 in scenario control, detect the real ON or OFF situation to ensure the accuracy of scenario performance..

Specifies the appliance's remote position setting for number 1 ~ 7 of fifth zone.

Require tool：HT-100 LCD remote control, fifth zone position 1 to 7
itouch Power zone position 1 to 7
RP-20 fifth zone position 1 to 7 (The most convenient setting tool)

Preparatory actions before setting:

1. Be sure you are well defined the tool ID you wanted
2. Be sure your location is linked to the right appliance. please refer to the corresponding preset value for convenient checking

AMP Power → zone 5 No. 1
TV Power →zone 5 No. 2
STB Power →zone 5 No. 3
DVD Power →zone 5 No. 4
CD Power →zone 5 No. 5
CATV Power →zone 5 No. 6
AUX Power →zone 5 No. 7

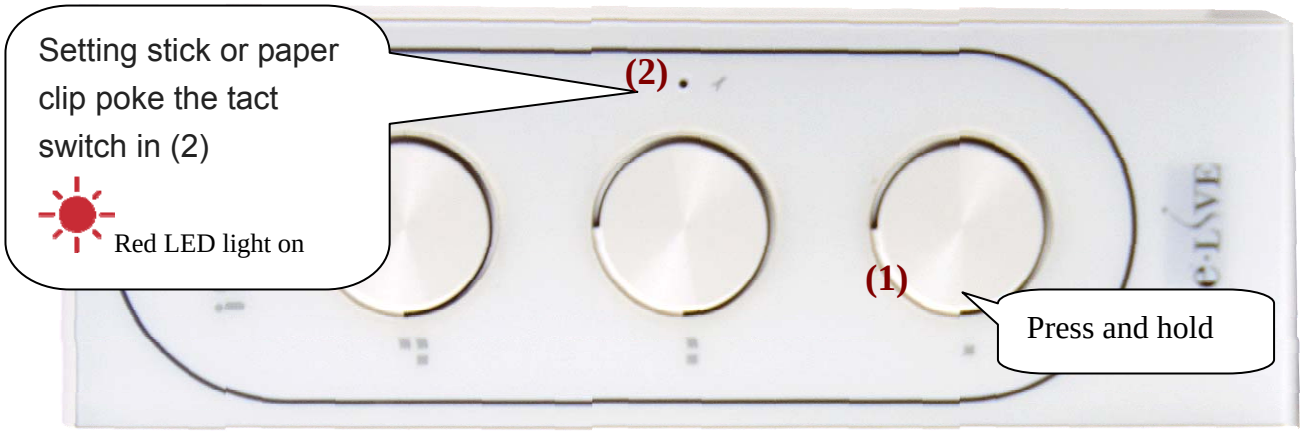
3. Plug in the device corresponding position, adjust to detect the right current consumption when power on and off.

Appliances and iPower control location setting is complete and correct detection from the current adjustment, to make sure correct linking function be executed from RP-20..

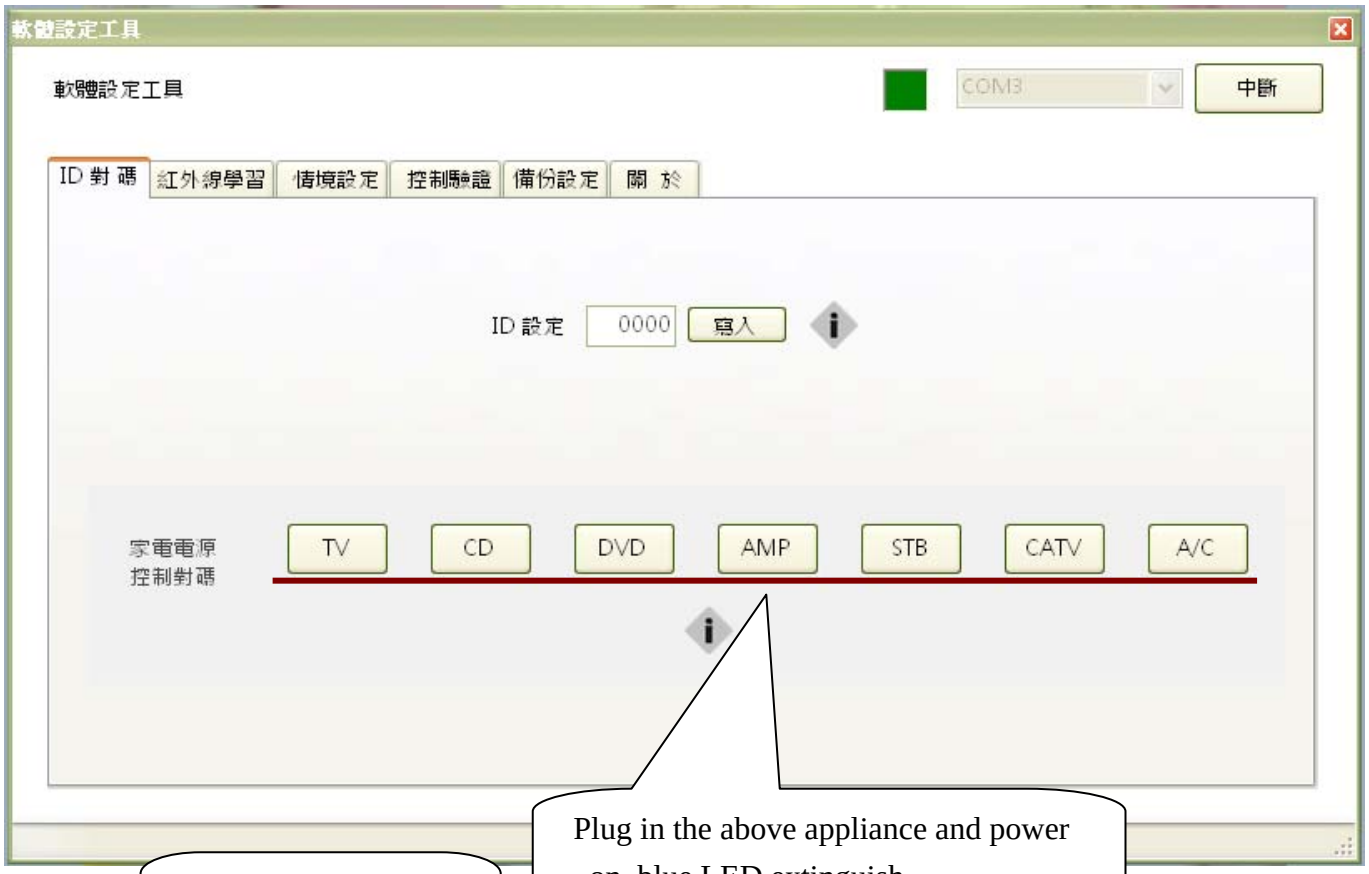
Specifies light fifth zone 1-7 for power detection position.

For example:

1. Connect to PC with RP-20 via USB, open RP-20 software, checking COM connection.
2. RP-20 software provides two places available to transfer ID code
   (1) Home page: power control coding. The mode is not accept “All off”. Illustrated as follows
   (2) Control Validation：in ” light & curtain” select accept “All off” or not accept “All off”.
3. In setting mode
   (1) Press and hold
   (2) poke the tact switch in setting hole, red LED light on



4. Using RP-20 home page to transfer code, as shown below (一)
   Using Control Validation/ Light & Curtain to transfer code，as shown below(二)，step3~5
5. iPower received , red LED quick flashing means setting successfully.



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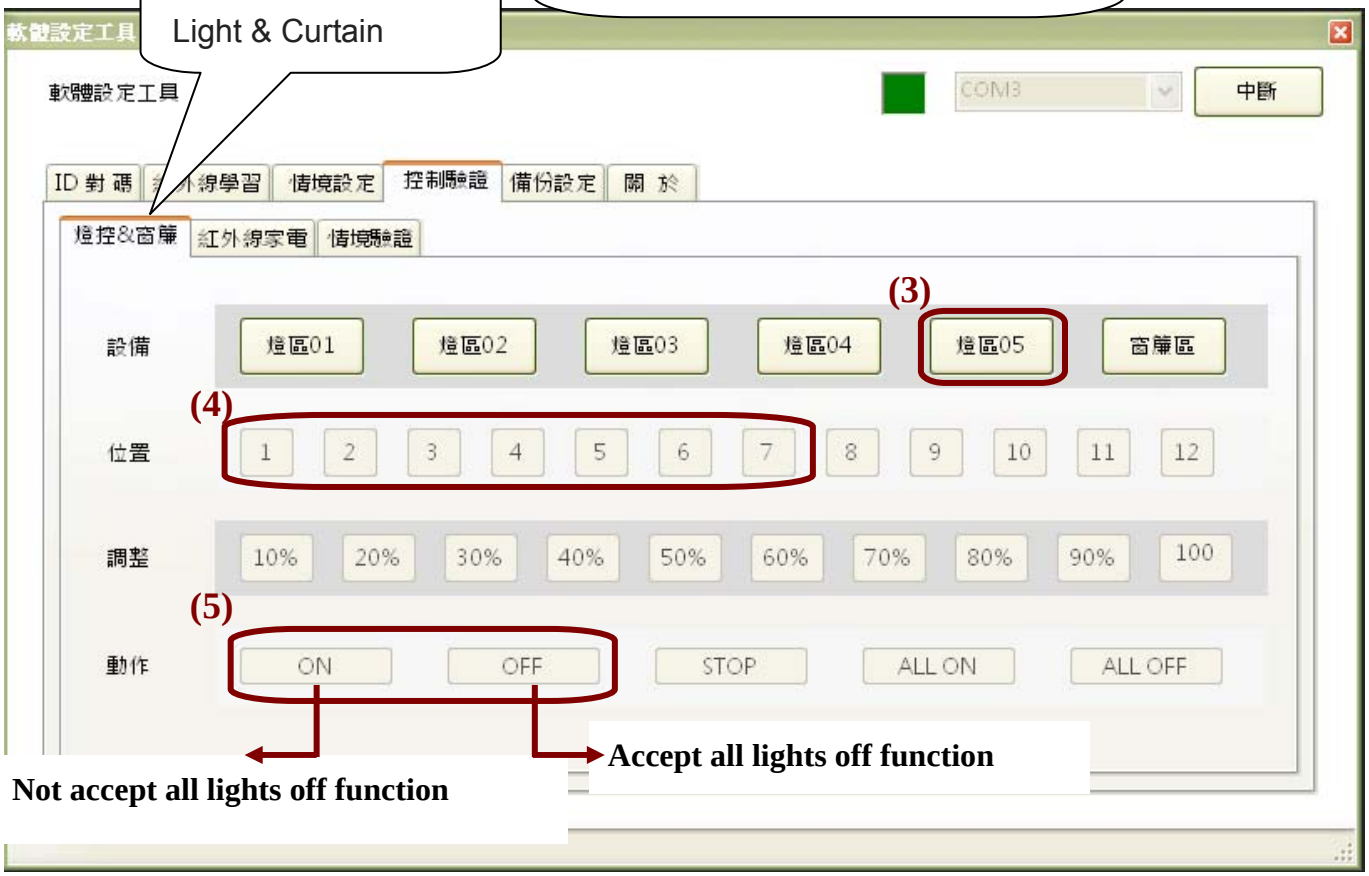

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AMP Power → Zone 5 No.1 light

TV Power → Zone 5 No. 2 light

STB Power → Zone 5 No.3
DVD Power → Zone 5 No.4
CD Power → Zone 5 No.5
CATV Power → Zone 5 No.6
AUX Power → Zone 5 No.7

iPower power status detection & RP-20 scenario editing setting

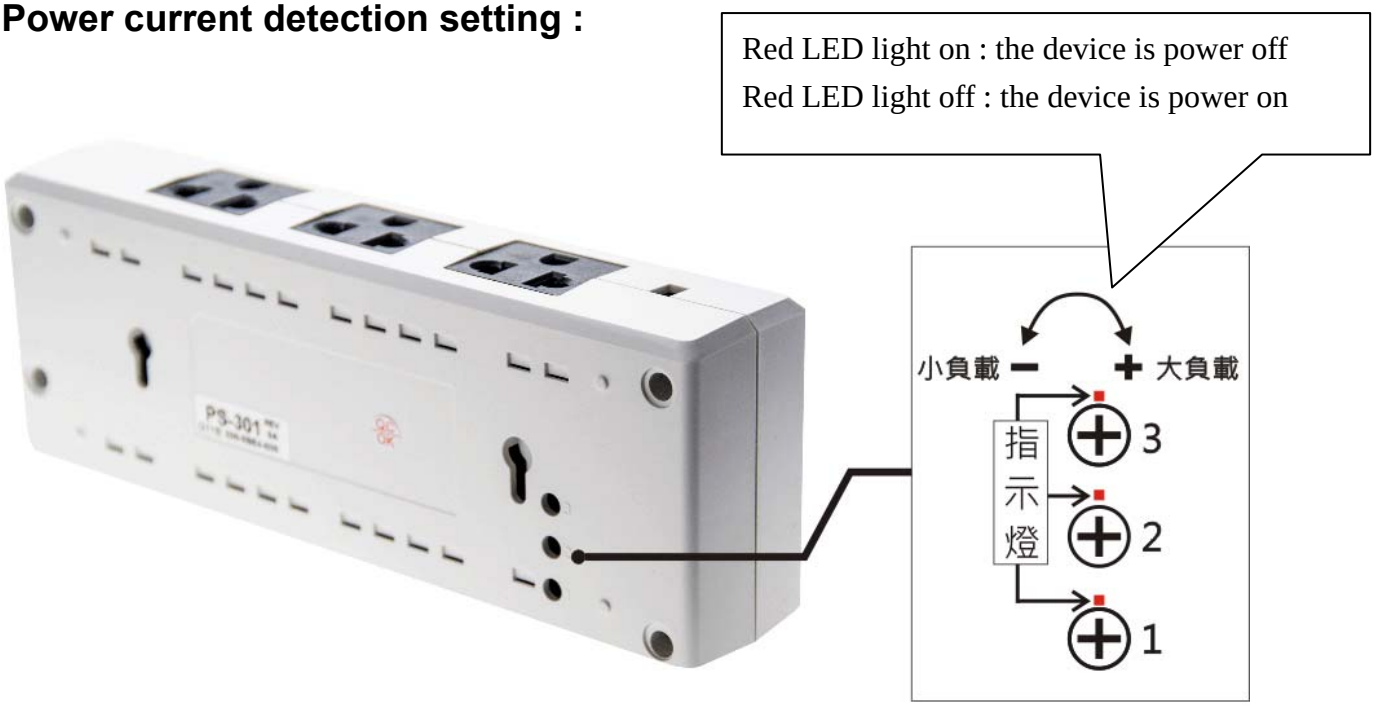
In scenario edit setting graphic, for TV/CD/DVD/AMP/STB/CATV/A/C, all of these 7 appliances can select power current detectionfunction.

Always ON : in scenario function been executed, RP-20 will checking the power current status. If TV is power ON, RP-20 will not send out command to avoid the reverse action.

Always OFF : If TV is power OFF, RP-20 will not send out command to avoid the reverse action.

No Detect : Don't care about the status of the power, not action.

Power current detection setting :



Step 1	Step 2	Step 3	Step 4
Plug in appliance in iPower socket, Press button to provide power to this device (blue LED light off)	Turn on the device power (in operation mode, not in standby mode)	Use flat head screw driver to adjust red LED light on. Then turn the knob back let LED just light off.	Manual or remote to turn off the device power Red LED light on Then turn on the device to see red LED light off . The setting is done

Plug the corresponding appliance in iPower socket, adjust the current knob of appliances one by one.

1.) When the socket connector, without Transformer / stabilizer of equipment

→ Adjust the knob to the small load direction limition.

※ Such equipment almost no power consumption in standby mode, when the equipment is power on (Relay ON) iPower can detect its current power (if the current power ≥ 5w)

2.) When the socket connector, with Transformer / stabilizer of equipment

a.) Plug in the equipment, turn on iPower and the equipment.

b.) Use flat head screw driver to adjust red LED light on. Then turn the knob back let LED just light off., this was the correct position the power on current consumption can be detected

c.) Verification:

i) Turn off the appliance (load no electricity); LED indicator → [Bright]

. ii) Open the appliance (loaded with electricity); LED indicator → [OFF]

※ transformer / ballast itself in the standby mode already has power, if not through the current limitation adjustment, iPower can not properly judge the current electrical load is in working electricity mode or in Standby mode.

FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.