

RP-20F AVhome BOX

Instruction manual

Index

E2-LIVE HOME APPLIANCES INTEGRATOR RP SERIES	3
HARDWARE	4
<i>Front panel.....</i>	<i>6</i>
<i>Rear panel.....</i>	<i>4</i>
<i>Accessory</i>	<i>5</i>
<i>IR different areas control.....</i>	<i>6</i>
<i>How to operate different IR control.....</i>	<i>9</i>
<i>RP-20 Home Control Center.....</i>	<i>11</i>
<i>Software Installation of RP-20.....</i>	<i>12</i>
<i>RP-20 make sure connect to PC.....</i>	<i>12</i>
<i>Install USB driver</i>	<i>12</i>
RP-20 SOFTWARE.....	15
CONNECTION	15
FUNCTIONS.....	16
<i>ID setting.....</i>	<i>16</i>
<i>Setting ID of iPower(PS-301or PS-302)</i>	<i>17</i>
IR LEARNING.....	18
<i>Preparation before operation.....</i>	<i>18</i>
<i>Start to learning IR signal.....</i>	<i>18</i>
<i>Situation of need to re-learning.....</i>	<i>20</i>
<i>Leave learning mode.....</i>	<i>21</i>
SCENARIO SETTING	23
<i>Edit lighting & curtain.....</i>	<i>23</i>
<i>Home Appliances</i>	<i>24</i>
<i>Scenario tool</i>	<i>25</i>
<i>Clearn up memory.....</i>	<i>25</i>
<i>Save.....</i>	<i>26</i>
<i>Operation with iPower.....</i>	<i>26</i>
<i>Scenario validation</i>	<i>27</i>
CONTROL VALIDATION	29
BACK UP	31
<i>backup & restore</i>	<i>31</i>
<i>ID & Scenario</i>	<i>32</i>
ABOUT.....	34

Version Description

Date	Ver.	Revised contents	Software Version
20130709	REV 1.2	Prototype	070803
2013/7/16	REV 1.2	Prototype	071002
2013/07/18	REV 1.2	Prototype	071805
2013/07/23	REV 1.2	Prototype	071805
2013/10/29	REV 1.5	Formal ver.	102902

e2-Live AVhome BOX (RP family)

Functions / Type	RP-05	RP-10N	RP-20F
Numbers of IR button	29 buttons	7 HA / 203buttons	7 HA /203 buttons
Power status detection	no	no	Yes, must be used with iPower or related
IR output mode	2 wires IR output	360 degree IR output	360 degree+7 wires specify separate output
Number of order/Macro	60 commands /10 macros	60 commands /10 macros	24 scenarios, 60 commands/ scenario (lighting & curtain control is available)
Macro setting edit tool/type	RC-09, limited in macro 1,2	RC-09 limited 1~10	RC-09 limited 1~10/ PC scenario 1~24
Suitable environment	IR extension small areas	Home appliances	Lighting/Curtain/HA/Scenario control
Others	Hidden, IR emission	Celling/wall/Desktop	Host with USB port, edit setting software

Hardware

- e2-Live RF Tx/Rx 2 way transmission
- Frequency: 433.92MHz +/- 150KHz
- Digital ID code (0000~9999)
- Receiving distances : open space 60 meters
- RS-485 port (open protocol for system installer to control RP-20F)

IR Learning processor

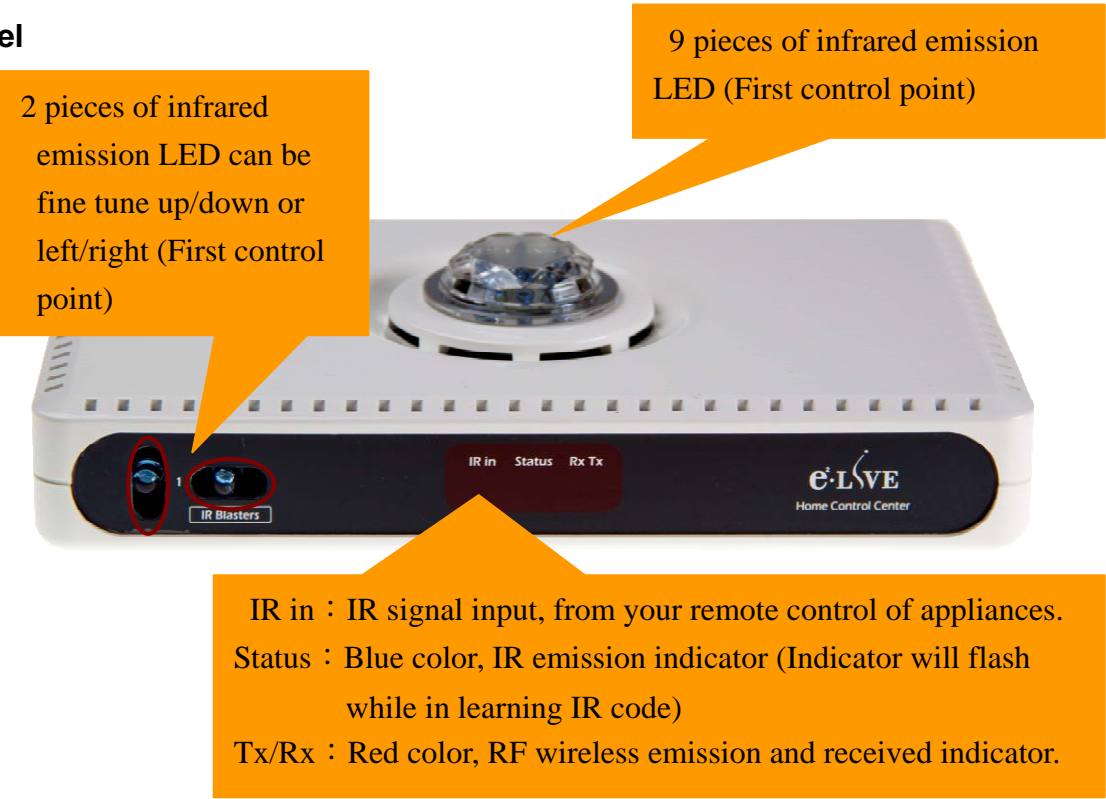
- Learning IR code : 10KHz~455KHz ◦ IR Code length : 360 bit ◦
- IR emitting area : 7 zones
- Power sources: 5V 1.2A Adaptor

Software

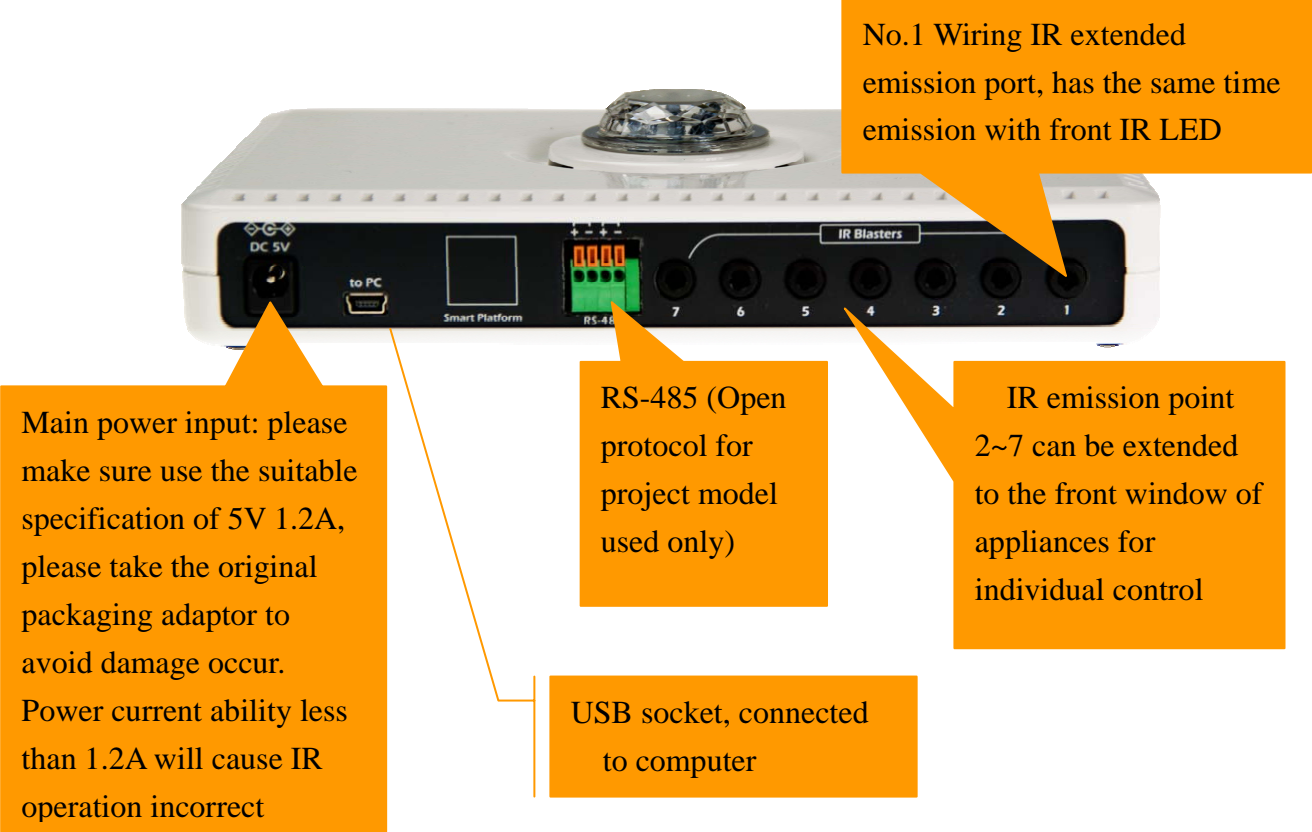
- Can be linked to 7 devices with 29 motions buttons
- 24 sets of scenarios with function of edit and save, each scenario can edit total 60 motions. Interval can be inserted into the actions of appliance (IR), from 1 to 60 seconds.
- Scenario editorial content include lighting, curtains, appliances and other actions.
- How many kinds of devices can be remotely control :
 - 7 sets of appliances, each device with 29 motions buttons
 - 5 lighting areas, each with 12 buttons include ON/OFF/ALL ON/ALL OFF/10%~100% dimmer
 - 1 area of curtain control with specifies the brand
 - 24 sets of scenarios
- Backup IR learning code and also scenario setting data, could restore all setting parameters
- The following operation system is available :
 - Windows XP
 - Windows 7 (32/64 bits)
 - Windows 8 (32/64 bits)

Hardware

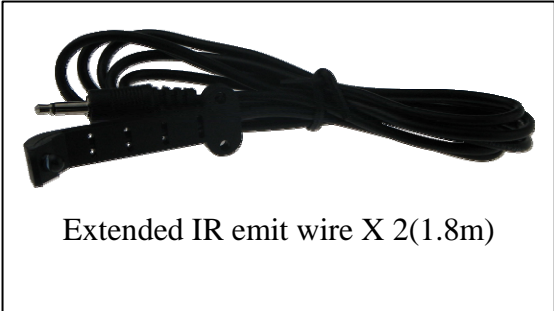
Front Panel



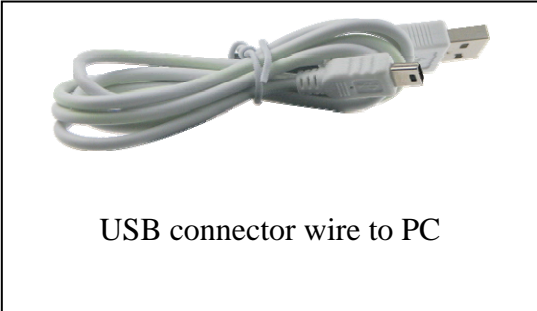
Rear Panel



Accessory



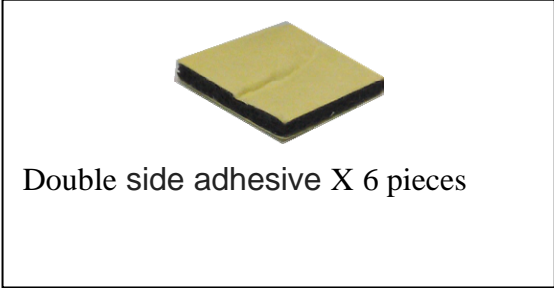
Extended IR emit wire X 2(1.8m)



USB connector wire to PC



DC Adaptor (5V 1.2A)



Double side adhesive X 6 pieces

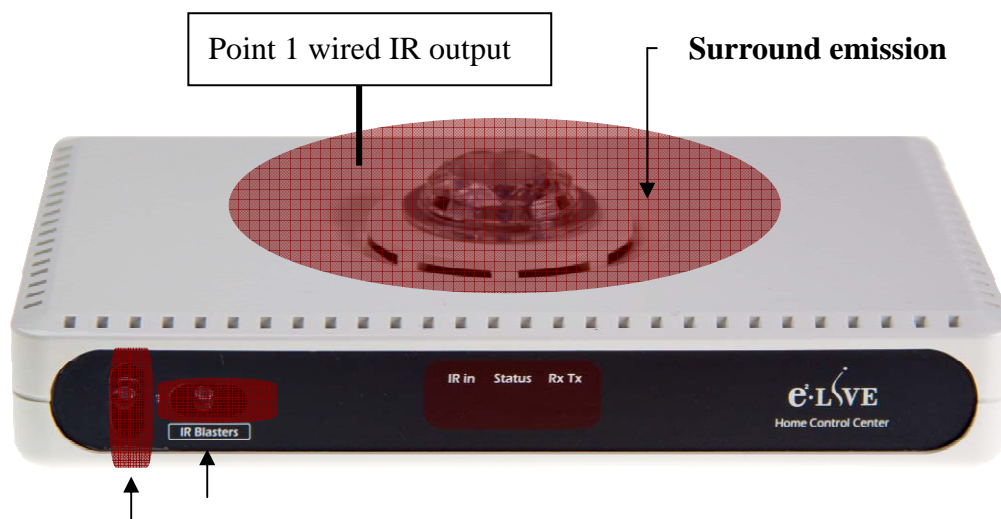


CD catalogue & instruction manual

IR individual areas control

RP-20F IR – total 7 areas

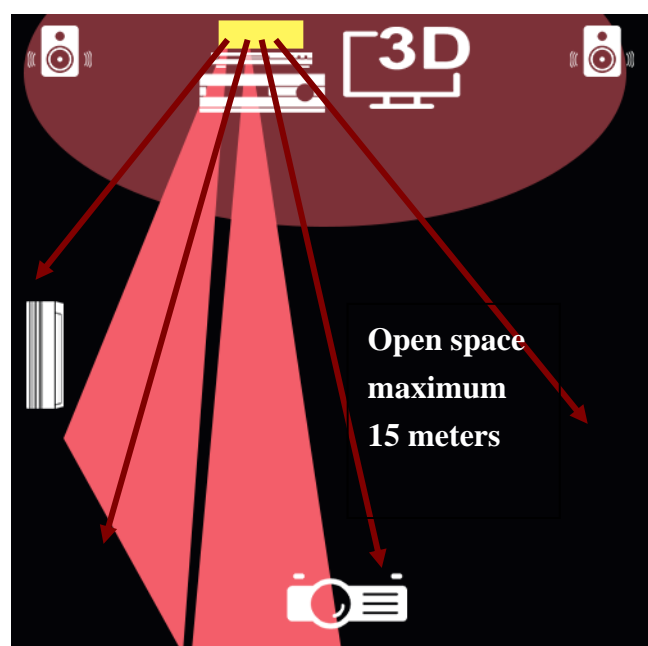
Point 1: Surround infrared emission on top cover, has the same time emission with the point 1 port of the rear panel



Up / down, left / right, Emission angle can be fined tune

Applications:

Surround infrared LED has 360 degree emit to control whole of home appliances of open space in the same room.



IR emission distances: 15 meters maximum, left/right 15 degree fine tune

In case of glass, IR refraction may beyond the control range, but you can fine tune the direction of the LED to come into the control range, therefor, before installation, suggest to find out all of the location of your appliances, then choose the suitable place.

Corresponding to the position of the remote control and setting software

RC-09

Operating device + device + action = first point emission

For example: TV TV Power, the RP-20 will sent emission by the first point of IR infrared signal .

RP-20 software

Control Validation / infrared appliances

scenarios set / Appliances

After pointing device button and choose "Point 1" emission. The RP-20 will send an infrared signal from the first IR emission point.

When the scenario is set, if want to output the first point, then please click on "1",

RP-20 first point controls with six IR emitter + a wired control, you can handle most of the device which is not accommodated in the cabinet environment.

But the remote controller of e2-Lvie is only RC-09, RP-20 remote control software support the first point emission, if this environment controlled by the first point, it will control in the range of all of the appliances, we recommend using All emission,the model can achieve the same effect as well.

All emission support all kind of remote controller of e2-Lvie. such as RC-09, itouch, VC-1500 Consistent with previous operating mode, HT-100, RP-20 software, etc., select the device (TV, DVD ...) first, then press (Power, CH +, CH-), After RP-20 received, all of the IR emitor will emission at the same time, no need to specify a fixed point.

The conditions of single point emission are:

There are two same brand device in same space, in order to avoid action together, it will need to specify a single point of emission

For example, air-conditioned in living room or master bedroom.

Learn the IR signal of air-conditioned to A / C position,

The living room can using the first point emission which can emit to all space of the room.

The air conditioning of the master room can use a single point of independent wiring type remote control

If both need to be controlled together, you can adopt all points emission.

Point 2 ~ 7 are wired control

1. Appliances in Audio/Video cabinet tank:

IR signals cannot penetrate the veil, if the device is placed in the cabinet tank, IR emission lines need to be extended to the cabinet in order to control

2. Devices are placed on the range of control

IR extension wire can help to solve the problem of IR emit signal been cut off by shelter.

3. If two same brand devices were placed in the same place, for example, the air-condition of living room, master bedroom,

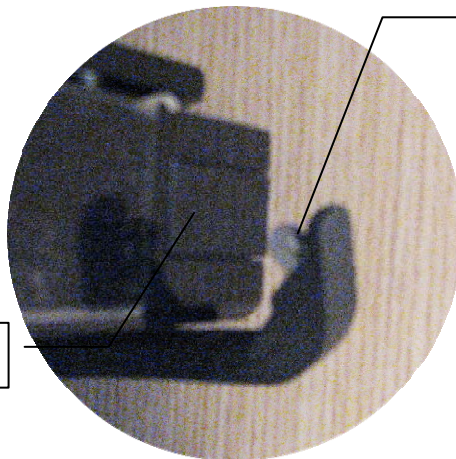
Learning IR signal of your air condition onto the button of A/C

Use top open IR to remote the air condition in the living room

Put point 1 wiring IR to reach your master bedroom to control your second air condition

If you want to control both of your air condition, you can use all emission output

RP-20 package provides two IR infrared emission lines, connect to appliances can be installed according to the needs of the field wiring.



Packaging box with two IR emission line, please let emitting LED being positioned to front of the receiver (attached double-sided adhesive)

Position of the IR reception



2~7 ports of IR individual output

How to operate the RP-20F control points individually

RP-20F support individual IR emission, following devices can be control individually.

RP-20 software, Need to be open by PC

RC-09 smart controller, provide three control type of whole region, point second, and point third

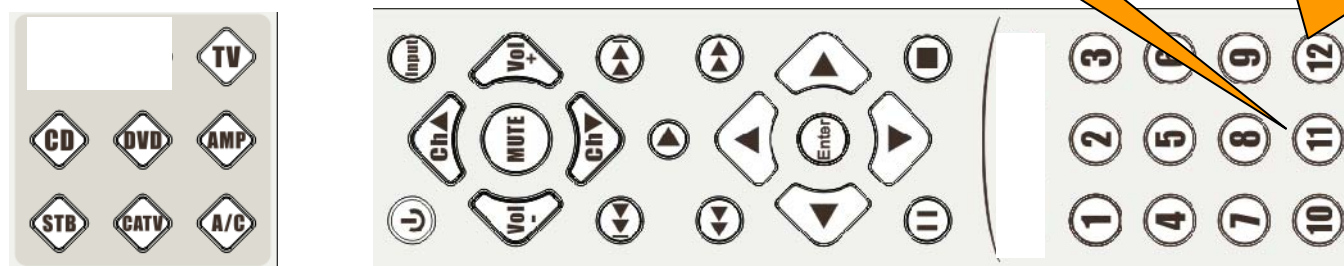
iTouch APPsoftware, provide whole region, point second, and point third

Individual IR control are related with RP-20 wiring and scenario editing actions, according to the installation environment, make sure which device need to be individual control, and with the matching use of hardware and software. The following, for the above-mentioned current e2-Live system provide individual operator interface will be described.

Use the software of RP-20F (need to connect to PC)

The screenshot shows the 'RP-20 Application Tools' software window. It has a menu bar with 'ID Input', 'IR Learning', 'Macro Setting', 'Control Test', 'Backup / Setting', and 'About'. Below the menu bar are tabs for 'Light & Curtain', 'IR Appliances', and 'Macro test'. The 'IR Appliances' tab is active, showing a grid of device buttons: TV, CD, DVD, AMP, STB, CATV, and A/C. The 'CD' button is highlighted. Below the device buttons is a grid of IR points: 1st, 5th, 2nd, 6th, 3rd, 7th, 4th, and All. A red box highlights the '1st' through '7th' points. To the right of the IR points is a numeric keypad with buttons for CH+, Input, 1, 2, 3, Vol-, Mute, Vol+, 4, 5, 6, CH-, ▲, 7, 8, 9, Play, ◀, Enter, ▶, 0, ■, and navigation arrows. Callouts explain the steps: 1. Select device (pointing to CD), 2. select which point of IR need to emit (pointing to the 1st-7th grid), 3. press action button to emit has been selected point (pointing to the numeric keypad). Two orange callouts explain that 'Number 11' denotes the second point of IR and 'Number 12' denotes the third point of IR emission, pointing to the 11 and 12 buttons on the numeric keypad.

Use RC-09 smart controller



1st press device, example , 2nd press , then all of the IR emit at the same time

1st press device, example , 2nd press , 3rd press , then point 1 of IR emit

1st press device, example , 2nd press , 3rd press , then point 2 of IR emit

1st press device, example , 2nd press , 3rd press , then point of 3 IR emit

Use itouch (use with PC-09W or PC-09I, Wi-Fi emission)



Operation same as RC-09 ◦

Select device first, example , 2nd press , then all points of IR emit

Select device first, example , 2nd press , 3rd press , then point 1 emit

Select device first, example , 2nd press , 3rd press , then point 2 emit

Select device first, example , 2nd press , 3rd press , then point 3 emit

RP-20 Home Control Center

1. Please insert the installation CD, it is in the packaging box
2. Installation CD will auto run and open its homepage

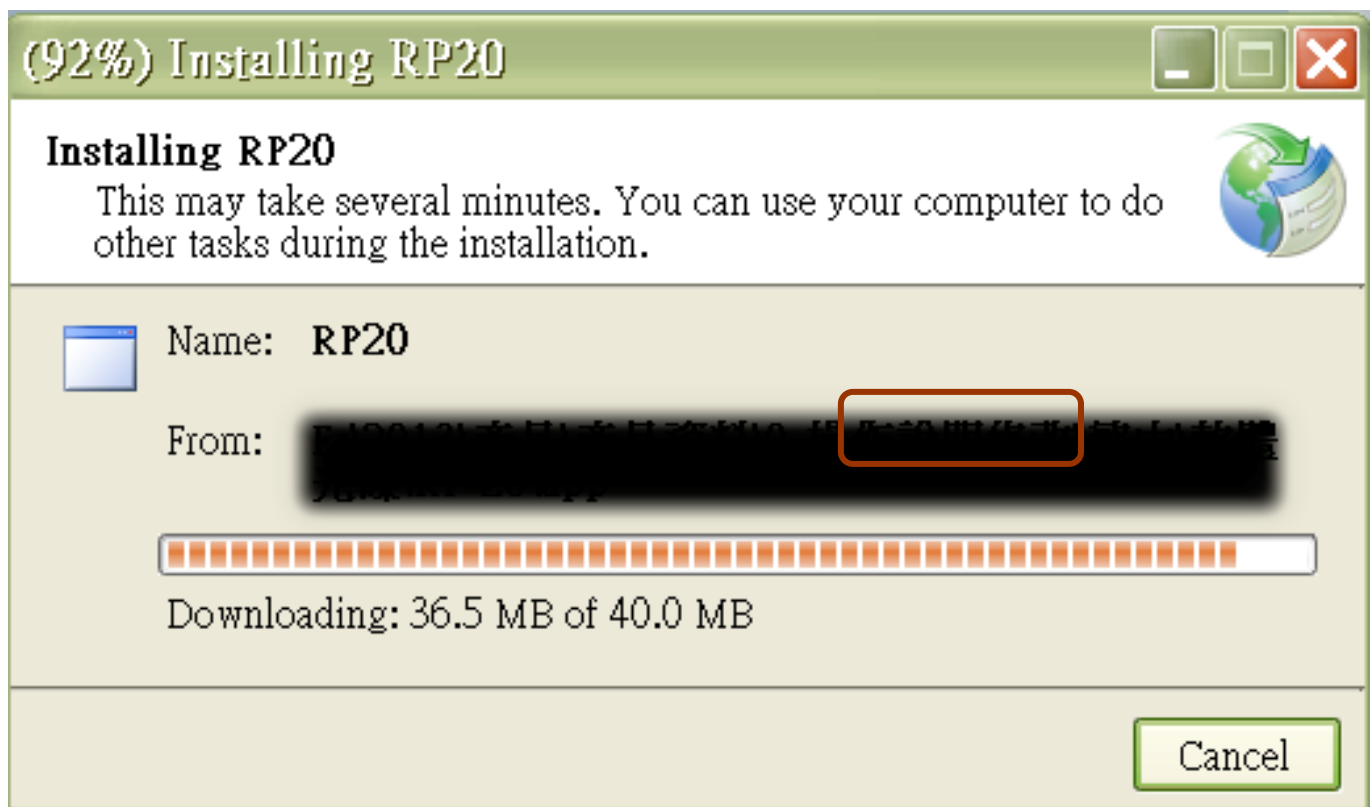
Software installation of RP-20

Click RP-20 executive program to auto run installation

During installation the program may ask you to download the update system of framework, Each computer may have different necessary, please make sure your PC can be connected to network, RP-20F will install necessary program automatically.

Click **Install**

Installing RP-20 (takes very short time to install)



After completed install, RP-20 will auto open

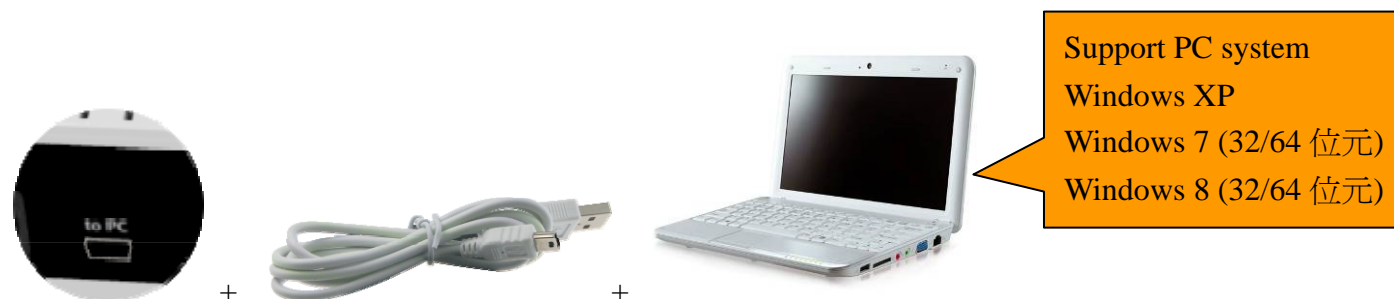
See the software is opened means that the installation is completed



You will find active program of RP-20 in the list of **Start/All programs**

RP-20 make sure connect to PC

Remove the connector wire out of the package, connect RP-20 and PC



Note : By using this connector wire to connecting RP-20 with PC to setting any parameters through your PC, does not require a transformer, RP-20 can be powered by PC

Power source of PC, but if the setting is completed, installed in a fixed location, Please use the power adapter attached with the package to ensure that the operation of RF and IR transmitter function properly.

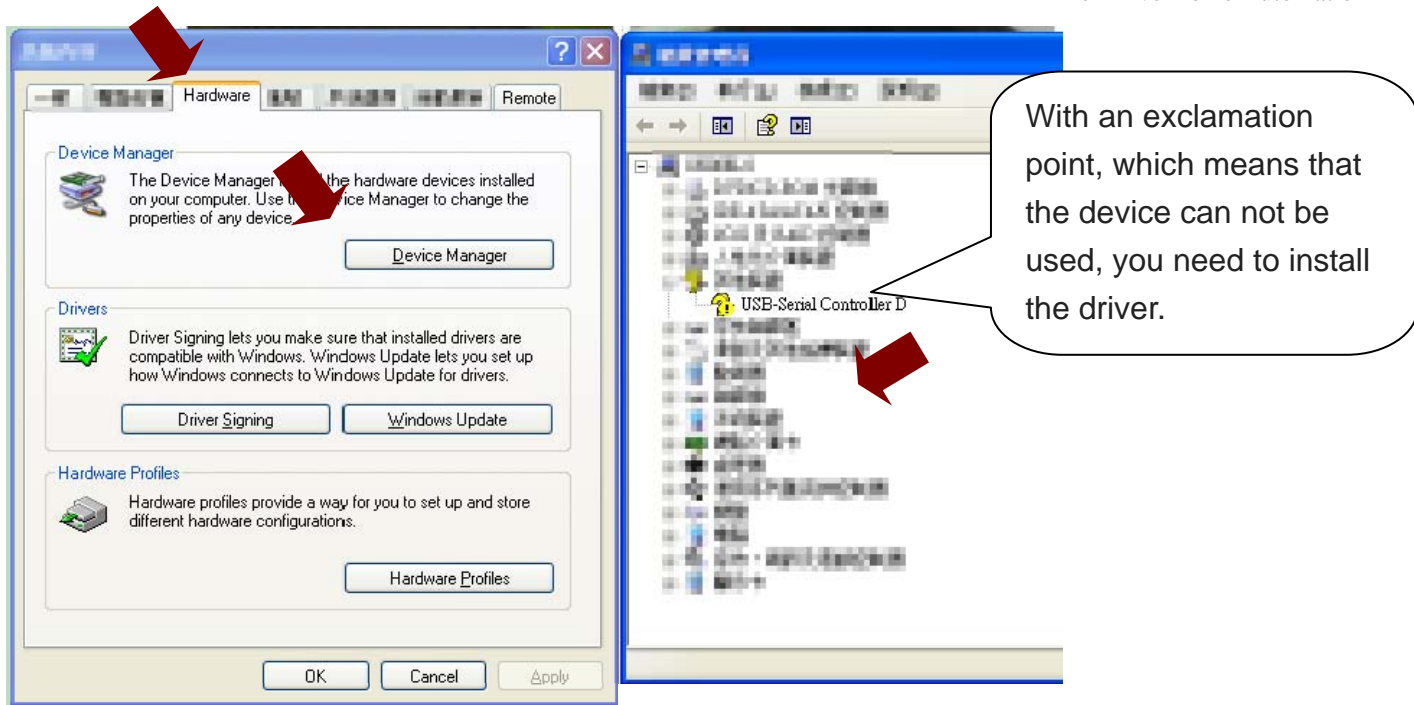
Install USB driver

Connect USB wire to PC, on the screen of right down angle of the PC will show that had automatically found the device of RP-20 USB.

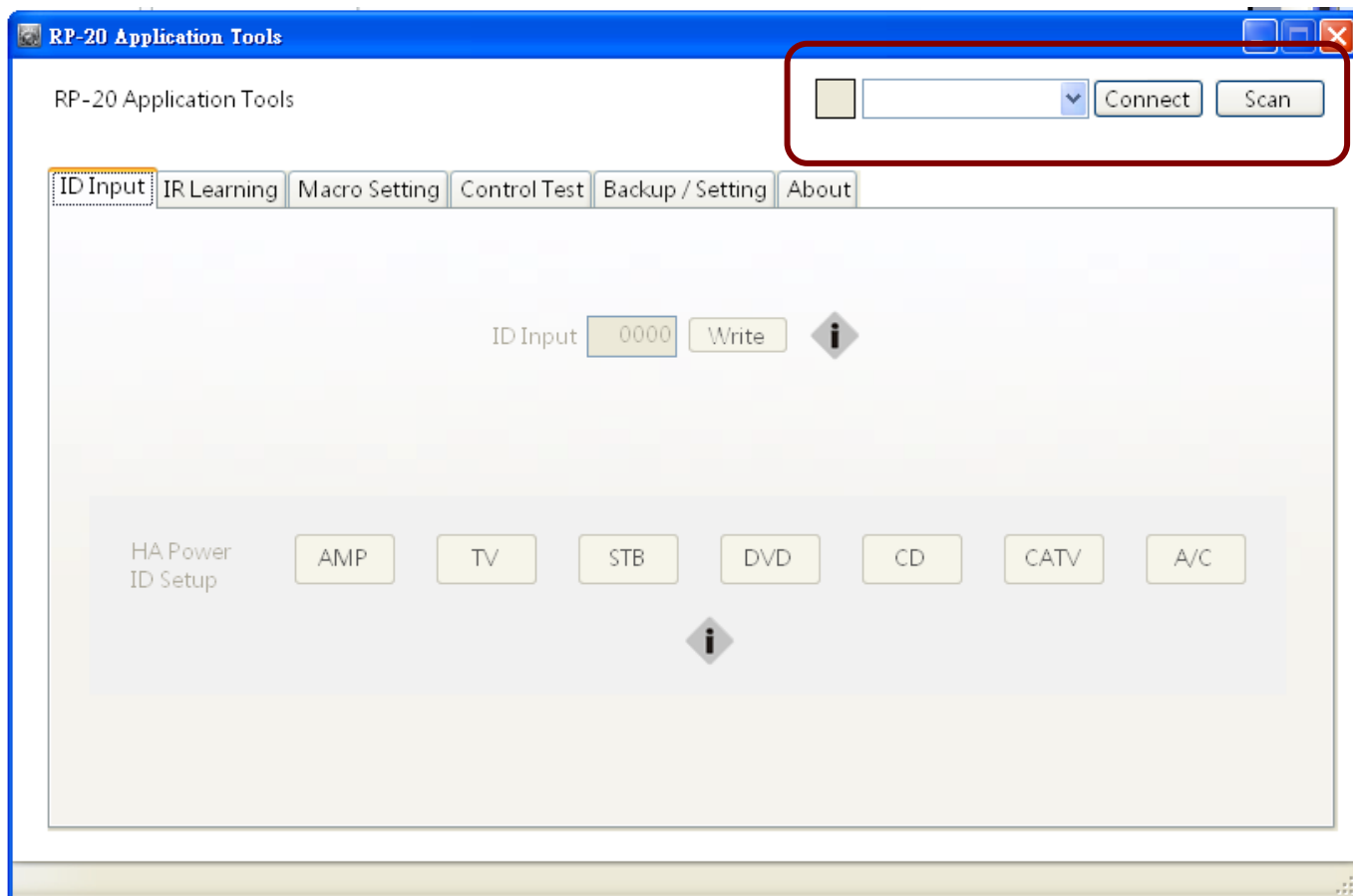
x

If the computer does not have a suitable driver, the follow message will appear.

Or from the Device Manager to confirm whether the RP-20 USB devices can be used



If you turn on RP-20, no clickable COM on pull-down menu of the right connections, the USB device is not properly enabled, it can not be connected.



If you have any of the above circumstances occur, which means that you need to install RP-20F USB driver manually. take the CD out of the package insert into the CD slot, click USB driver to install.

After installation, please re-plug RP-20F USB once again, let the computer detect again.

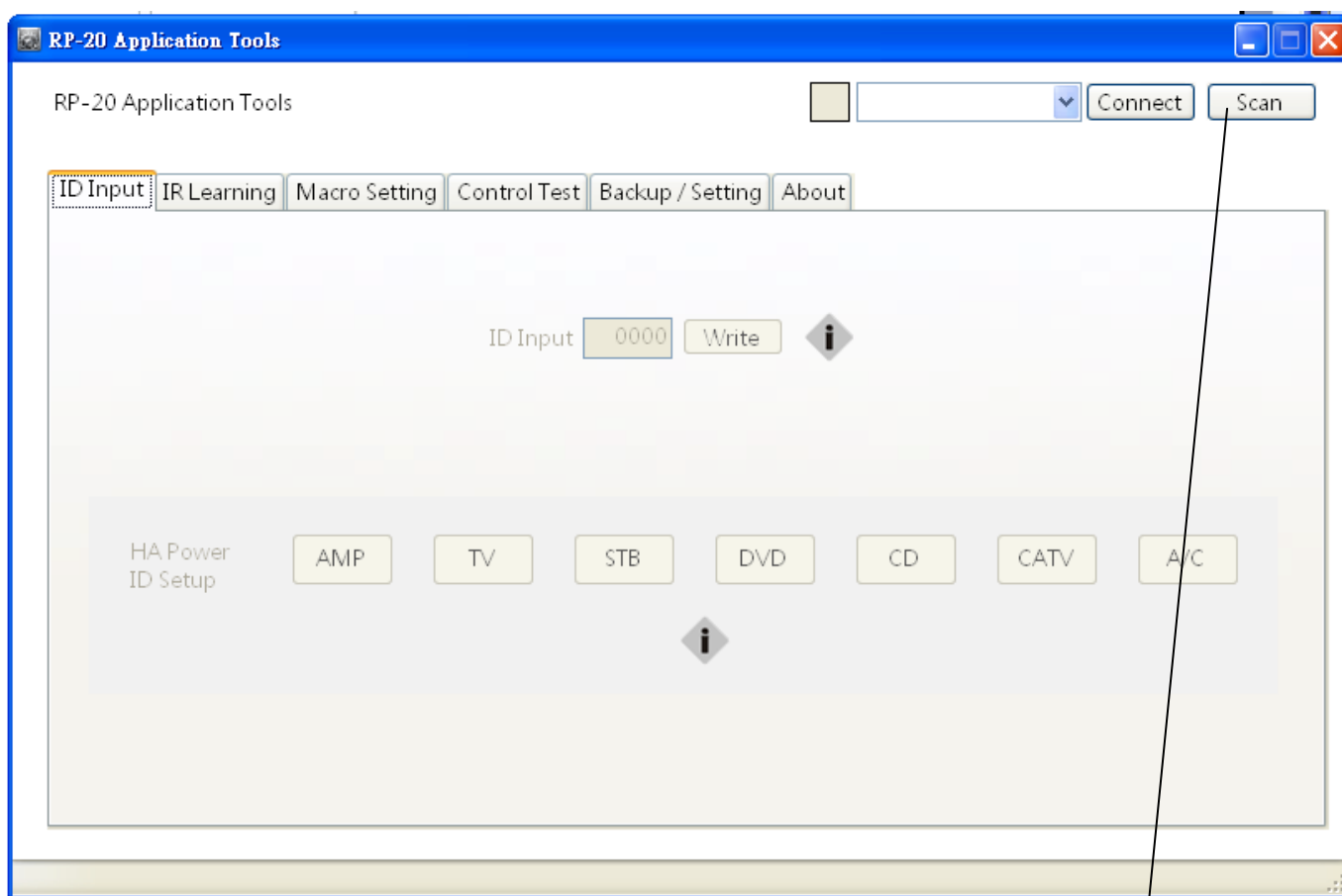
The image shows two windows from a Windows operating system. The top window is the '裝置管理員' (Device Manager) window, displaying a tree view of hardware devices. Two 'Prolific USB-to-Serial Comm Port' entries are highlighted with a red box, labeled as COM4 and COM5. A callout bubble points to this box with the text: 'Please choose the same COM position for RP-20'. Another callout bubble points to the top right of the Device Manager window with the text: 'Finish'. The bottom window is the 'RP-20 Application Tools' software. It features a dropdown menu for selecting a COM port, currently showing 'COM6'. Callout bubbles provide instructions: 'Open RP-20 will automatically appear maybe several connectable positions of COM. Please go to Device Manager to confirm the correct position of the COM, in order to successfully communicate with RP-20.'; 'Click DETECT, currently there are actually connected to RP-2, its software will connect based on hardware COM position'; and 'If there is only one COM position or you had selected the clearly known one, then you can press CONNECT to link'. The software interface also includes buttons for 'Connect' and 'Scan', and various tabs like 'ID Input', 'IR Learning', 'Macro Setting', 'Control Test', 'Setting', and 'About'.

RP-20 software

Connection

Before RP-20 be open, please use USB wire connect RP-20 with PC, then COM port will be detected

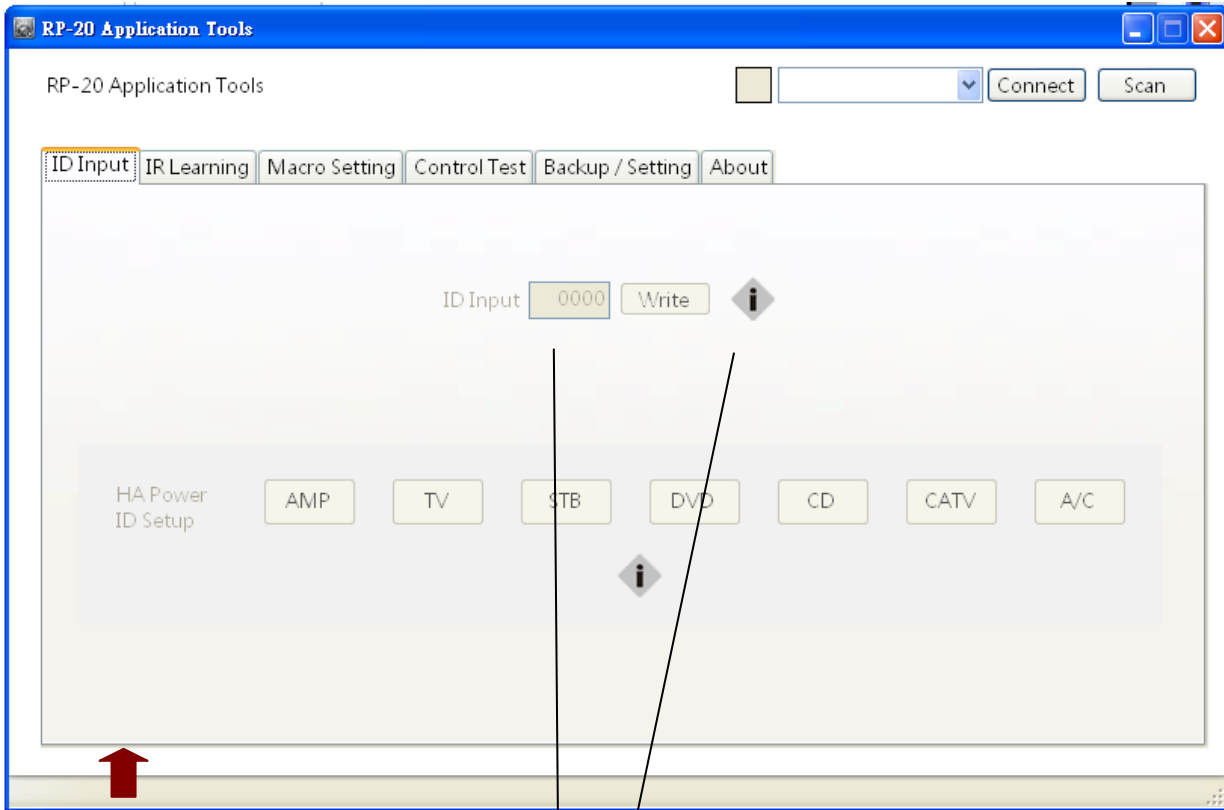
Home page setting



If RP-20 AVhome Box had been connected to PC, then press Detect to automatically find out the connection of COM port. If unconnect
If you can not successfully connect, please re-plug USB connector of RP-20, and re-open the software automatically to execute the detect again


Functions


ID Setting



Here will display the instructions

Input 4 digital ID code, Press “wright” to input (0000~9999)
When enter impleted 4 digital numbers, it will be field with “0”
in front of your input numbers, such as input” 123”, the actual
ID would be “0123”, input “66”, would be “0066”
When writing success, RP-20 AVhome Box will prompt
buzzer and LED.

buzzer
short “Bi” 4
times
 BI • BI • BI • BI

LED :
Red flash 2
times


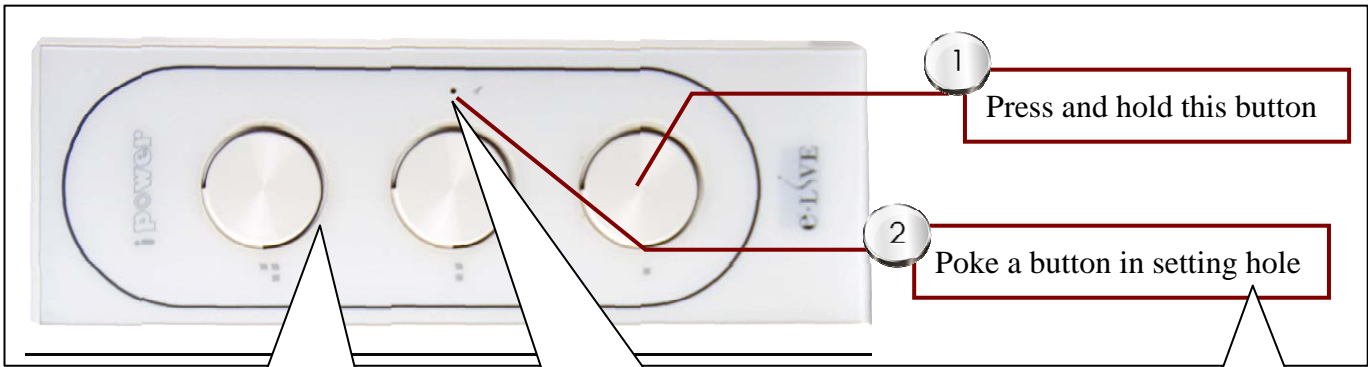
Setting ID of iPower (PS-301 or PS-302)

RP-20 work together with iPower to make sure the devices's power is ON or OFF. This special designed is to solve bland power ON/OFF control on scenario mansging.

Perform this function, please plug your home appliances in smart socket of iPower. Use this page, you can setting the location of remote control.


Note: This setting must work with our smart socket iPower, specify the selected button of iPower to get into learning mode.

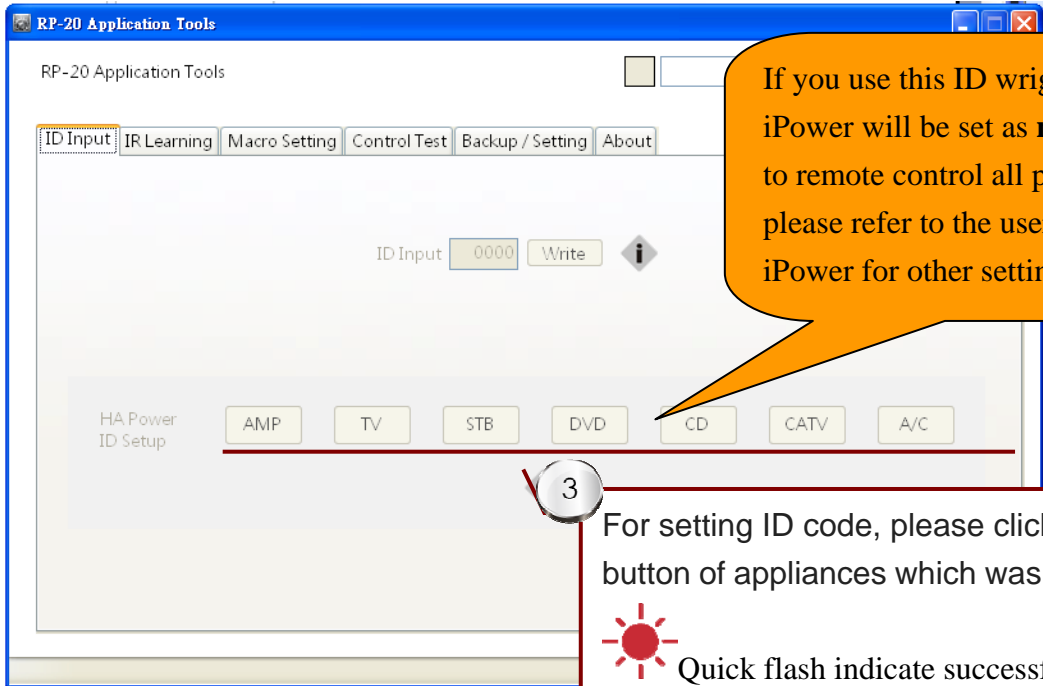
Press selected button of this setting page. Such as TV , CD , DVD..... iPower's red LED will flash, it means received your command and completed setting.




There are 3 AC sockets can be individual control, and the mechanical tact switch is available

Setting button and indication of LED
Use attached setting sticker or paperclip for setting

LED solid red

(waite for setting ID code)



If you use this ID wrihting mode, iPower will be set as **not received** to remote control all power off, please refer to the user menu of iPower for other setting mode

3 For setting ID code, please click the corresponding button of appliances which was plugged into the iPower.r
 Quick flash indicate successful ID setting
If tgere isn't any flash display, please repeat steps 1~3

IR Learning

Preparatory actions before the operation :

Tools needed: the original remote control of home appliances

- Make sure your home appliances is in the status of energized
(Through the phone to activate the camera function), facing camera of your smart phone, press any button of any remote controller, if the emitting light of your remote controller can be seen, that means the emission of remote controller is in normal situation.
- Firstly planning useful remote keys of appliances (for example TV) to the correspondent button on RP-20.

Start to learn IR signals :

1. Press “Start Learning” button to enable right side buttons function
2. Press the button which to be learned of the device. Such as TV, the following 29 action buttons will become to the usable status.

RP-20 Application Tools

RP-20 Application Tools COM6 Offline Scan

ID Input IR Learning Macro Setting Control Test Backup / Setting About

1 Start

TV CD DVD AMP STB CATV A/C

2 Equipments area become to be a usable status, press TV button into TV learning mode.

Buzzer


Long Bi~


Red LED flash twice then goes off


Blue LED always on



29 action button will enable the buttons to have the function of press


3. Press corresponding function of a button on, such as : 

Buzzer
Short Bi 

LED
Flash Blue LED 

4. Pick up your remote controller of appliances, facing emission LED to RP-20 "IR in" then press down the power button to input power ON/OFF code.

Buzzer
Short Bi 

LED
Blue LED flashed and then stable on 

Attention: means into learning mode



IR in,
Please alignment here
with your remote
controller of appliances


Use your home appliance's remote to input button signal

5. Repeat step 2~3 to continually to learn remote signal into RP-20

Situations of need to re-learn


1. After input IR signal, if


Buzzert
One long, one short



Please re-press the button of appliance IR signal


LED


Red flash twice 

Blue stable on 

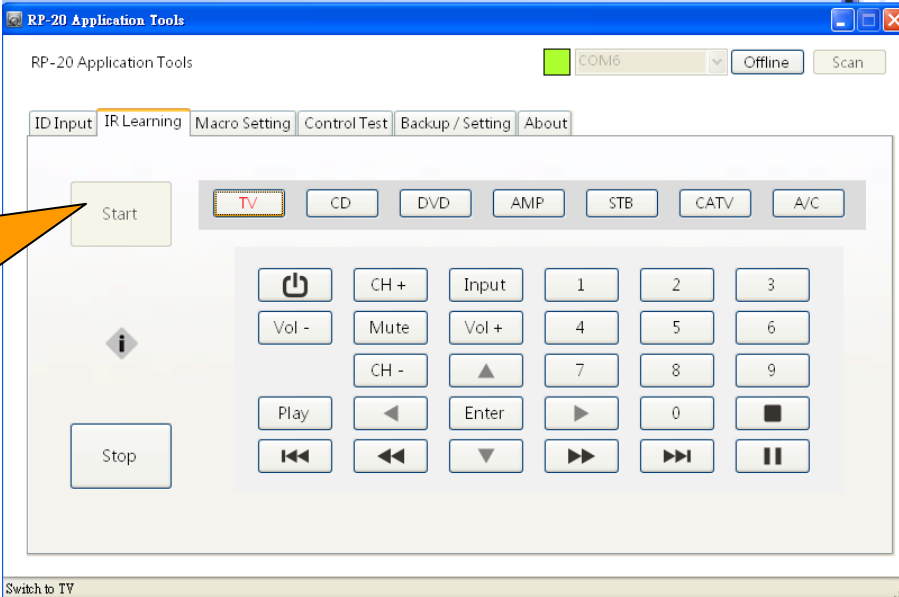
2. After input IR signal, when you hear of

Buzzer
Short Bi three times



LED
Slowly flashing
blue LED 

Re-press a button of RC-09, then re-press the button of remote controller, if always fail, If the learning has failed, please contact your dealer for help.



Press “Start learning” then you can select any one of the following devices to get into remote code

learning TV CD DVD AMP STB CATV A/C

Note: After you came into learning mode, if you don't action within 15 seconds, RP-20 will leave out the learning mode.

Beep of buzzer: RP-20 will enable the button of Start Learn. Press again into learning mode once more.

Leave Learning Mode

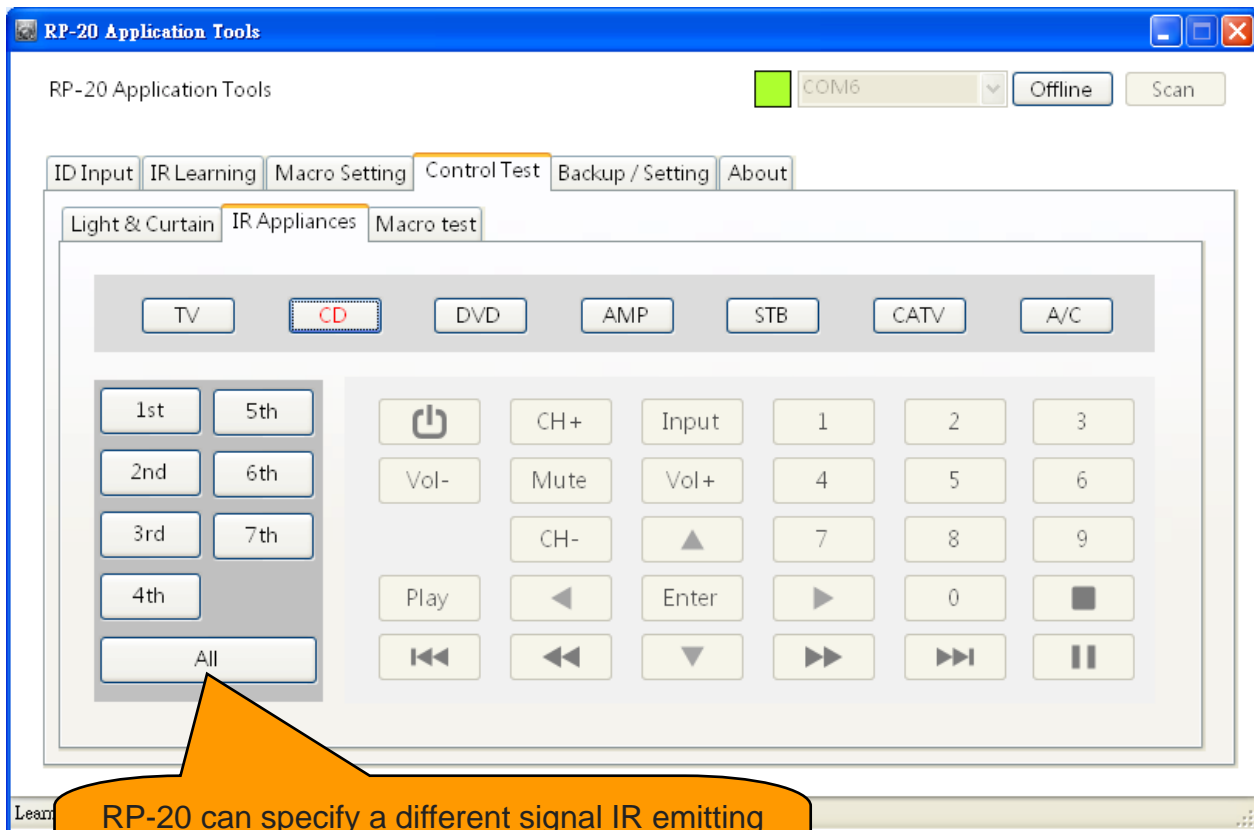
1. Completed learning all of your appliances IR, please press “Stop Learning” for interup learning mode.”
2. In learning mode, no action over 15 seconds, RP-20 will leave learning mode automatiicly

Bizzer
One long Bi~
two hort Bi~

LED
Red LED flashed twice and turn off
Blue LED flash andfinally distinguish

When completed all learning action, suggest to operate again all of the buttons of RP-20 for confirm all learning are successfully.

Please switch to the following screen: Control Validation→**Infrared Appliances** , **Check Operation**



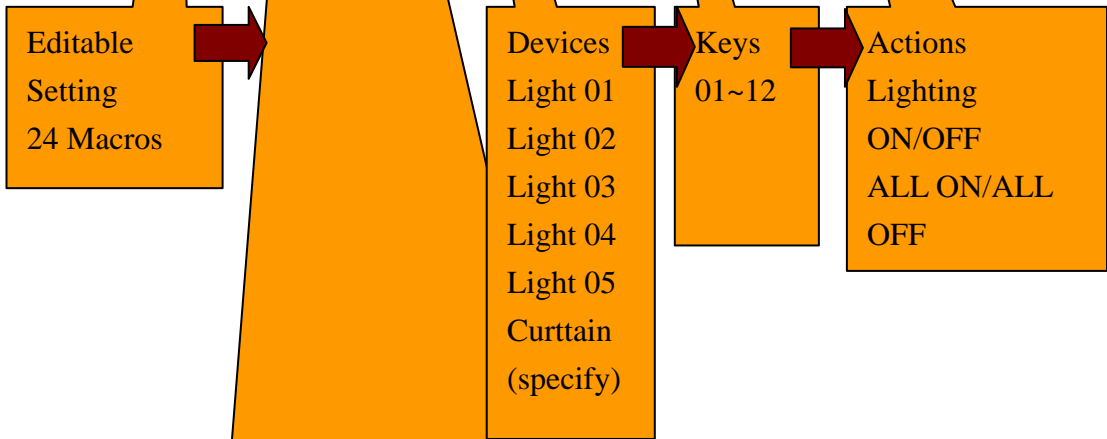
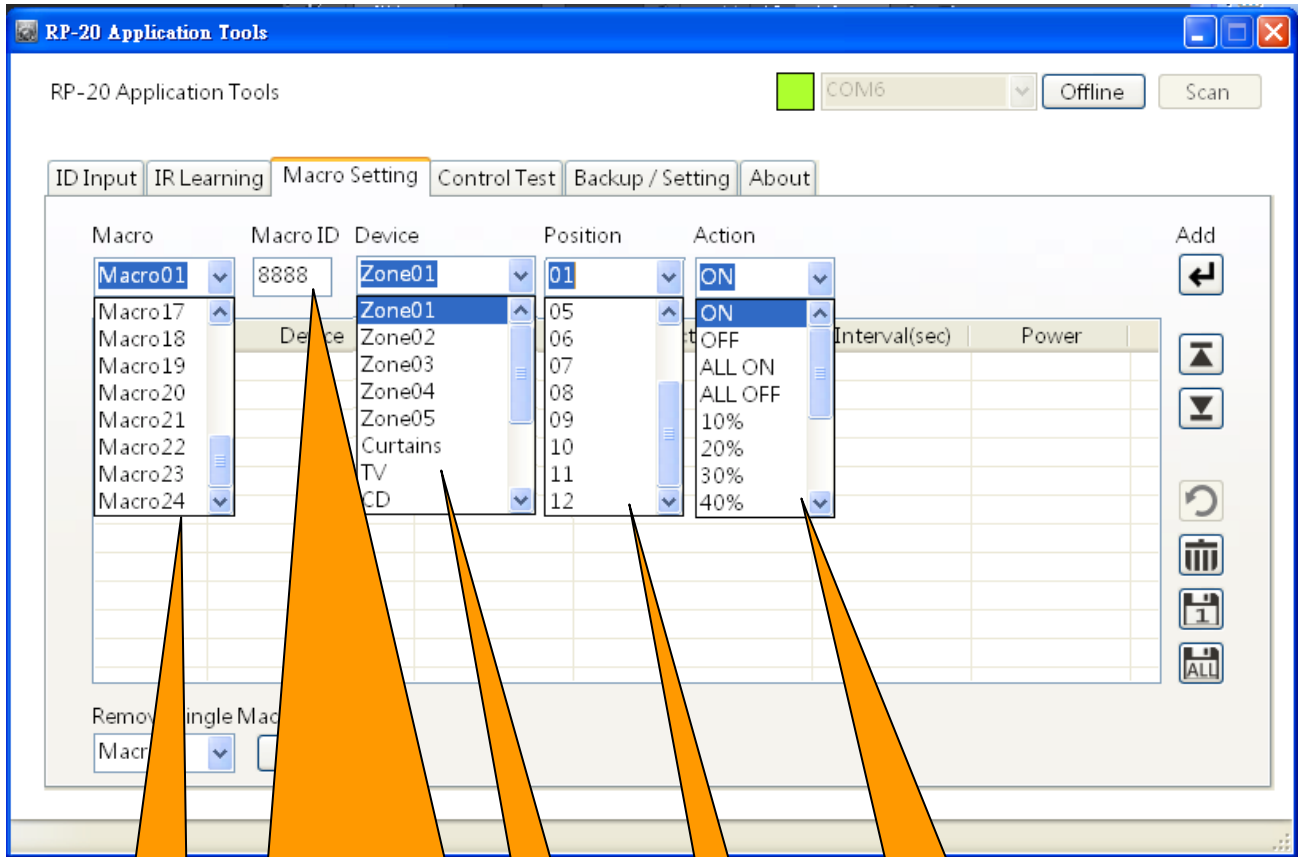
RP-20 can specify a different signal IR emitting region If you just want to verify that learning is successful, select "All emit"

Sequence of operations:

1. Select equipment
2. Select "All emit"
3. Press the right action key
4. Make sure the corresponding buttons are successfully remote control, if there is not, please repeat the learning sequence.

Scenario Setting

Edit lighting & curtain

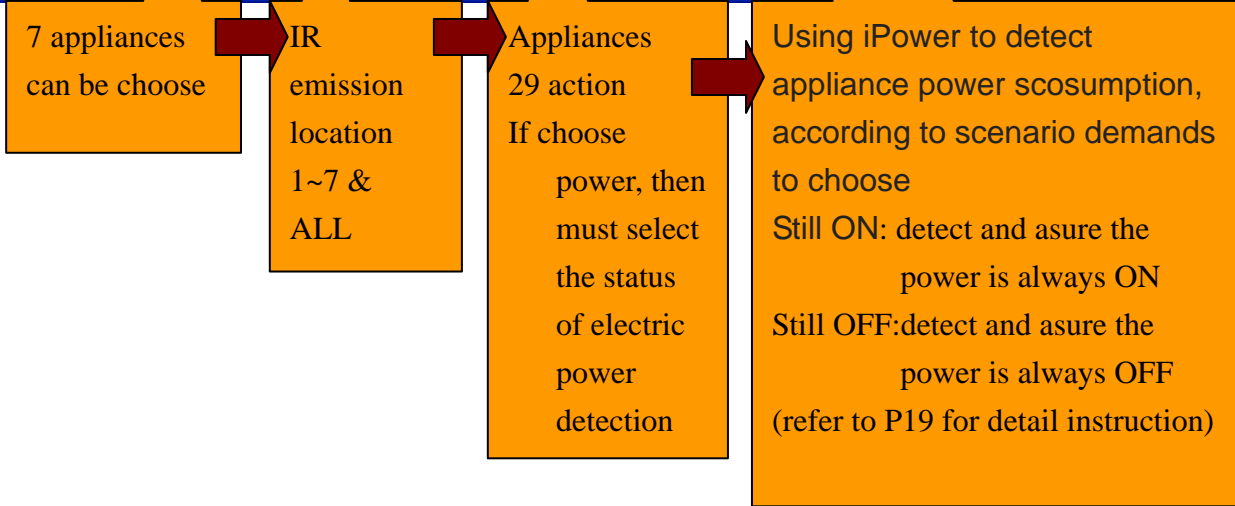
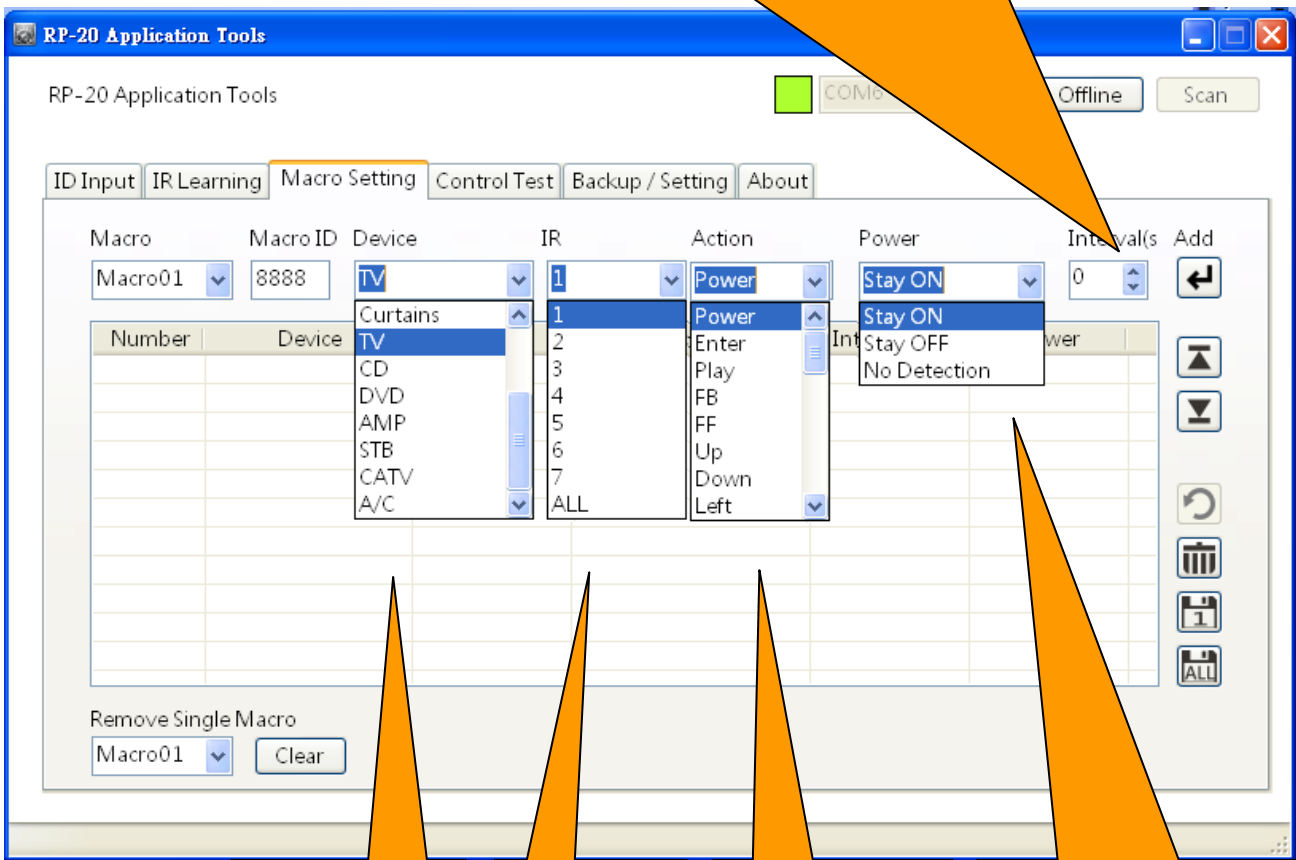


RP-20AVhome Box1~24 Macros ID can be specify difference with RP-20 to corresponding lighting, curtain, and iPower. Please note that in use of any remote control device operation, remote controller ID must same as RP-20, not same as scenario.

Edit Home Appliances

Interval: (only appliance action can be inserted interval) from 1 to 60 seconds, up/down to choose or key in the wanted numbers of seconds, maximum is 60 seconds, more than 60 seconds are limited to 60 seconds. 0 second and 1 second do not have the significant effect.

Note: During execution scenario of RP-20, if setting none detect, the interval time still working, for example, TV Power still ON and 10 seconds interval, if the power been detected ON, will perform 10 seconds interval before next action



Scenario tool

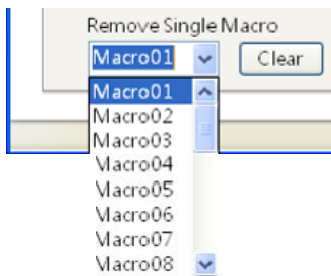
The screenshot shows the 'RP-20 Application Tools' window. It features a menu bar with 'ID Input', 'IR Learning', 'Macro Setting', 'Control Test', 'Backup / Setting', and 'About'. The 'Macro Setting' tab is active, displaying a table of macro configurations. Below the table are controls for 'Remove Single Macro' and a 'Clear' button. On the right side, there is an 'Add' button and a vertical toolbar with icons for up/down arrows, a refresh icon, a trash icon, a save icon, and an 'ALL' icon.

Callout boxes provide the following instructions:

- After data selected, press here for adding one new command on the bottom of the list** (points to the 'Add' button)
- Select and move edited data up and down for smooth scenario control** (points to the up/down arrow icons)
- Recovery a previous action, you can always forward recovery** (points to the refresh icon)
- Click to delete a selected single data row** (points to the trash icon)
- Save the current page of single scenario setting** (points to the save icon)
- Save all 24 scenario setting, will take a little time, please be attention to see front RxTx red LED, Stop flash means save complid Still flashing means saving in progress, do not try to operate other function for safty saving** (points to the 'ALL' icon)

Clean up memory

Empty single scenario action of RP-20, make sure the connection between RP-20 and PC is in normal status before performing.




RxTx Red LED
Flashing three times
then turns off



Select the scenario which you want to be deleted

According to the following steps, you could insert one action into scenario edit setting program

planned well your action conditions, press  to add in this edit setting row



Click this edit setting row, use  to move this edit setting row to where you want be placed

Save



Single scenario storage, only saving the current scenario of the screen



All scenario storage, saving all of the scenarios from No.1 ~ No.24 will take a little bit longer, please make sure it was completed saved after red LED slow flash is stop. During storage, the screen will be temporarily unable to carry out any operation action, please do not remove the USB link cable, so as not to affect the action of storage.

operation with iPower

1. Plugs appliances into iPower, such as TV, DVD,CD
2. Use RP-20 to setting the location of remote control (refer to p4)
3. Fine tune every detection of home appliancesons on ipower to make sure correct detection (please refer to iPower menu)
4. Use RP-20 software / scenario edit / power current detection defined


Content of scenario edit

TV  (must to open TV)

Still power ON : During perform scenario, RP-20 will check the power current status of TV


If the TV is in the status of power ON, then RP-20 do not send out

the  command action. (to avoid reverse action)

If the TV is in the status of Power OFF, then RP-20 will send out the  command action to turn on TV

Note: Please make sure the main power of iPower is in the status of Power ON, You can recognized the current status of appliances powerby iPower

Still power OFF : If TV is in the status of power off, then RP-20 do not send out the

 command action (to avoid IR reverse action)

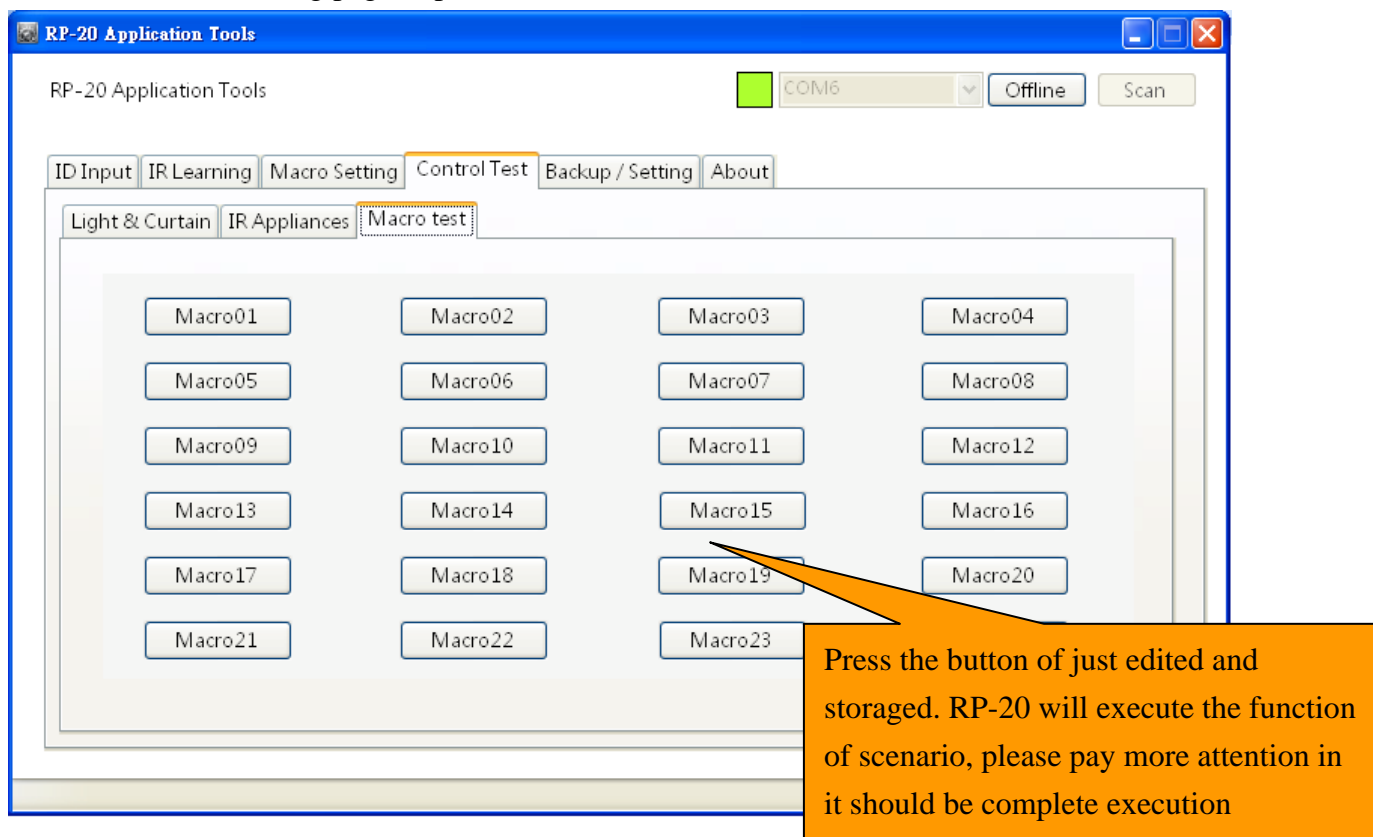
If TV is always ON, then RP-20 will send out the  command to turn off the TV

No detect : Don't care the status of appliances power ON or OFF, just perform the command of scenario.

Scenario Vaidation setting

After completed editing and storage of scenario, suggest to confirm the correctness and fluency of perform of scenario, if there is any problem of action then you could easy adjust and fine tune on setting page.

Please switch to the following page to perform : control verification → **scenario verification**



Scenario editing note:

RP-20 provides a rich scenario editing functions let e2-Live scenarios easier to play with the performance of the operation

Also need special attention to several important functions when editing a scenario, in order to ensure actually perform the operation of scenarios.

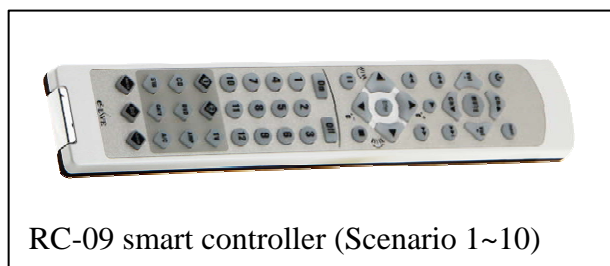
1. RP-20 provide 7 zones of IR individual emission, with 2 to 6 points of wiring type IR, please make sure the wire is connected to correspondent device for correct remote control.
2. RP-20 provides intelligent power sockets combined with iPower, in scenario editing, there are 7 appliances can detect the actual status of power on / off, if used with iPower, in order to better ensure the accuracy of the scenario action, please make clarify the initial conditions of power ON/OFF
3. RP-20 provide IR with the insert interval function, Lighting and curtain control doesn't have such

function.

4. RP-20 provide different ID for lighting and curtain control, please make sure and input the scenario's ID before saving, this ID would be stored to RP-20 while saving.
5. After scenario storage, please use Control Verification/Scenario Verification to test immediately to make sure your setting is correct and adjust instantly.

Scenario remote controller.

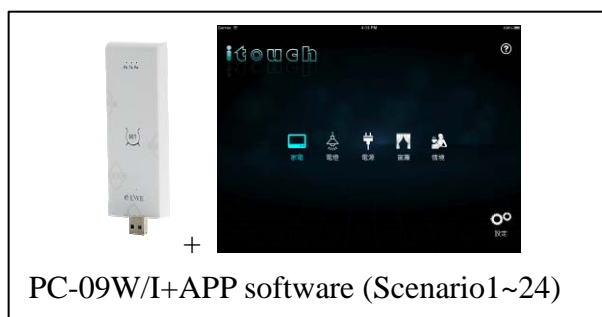
You can also use the following remote controllers to perform the following actions scenarios



RC-09 smart controller (Scenario 1~10)

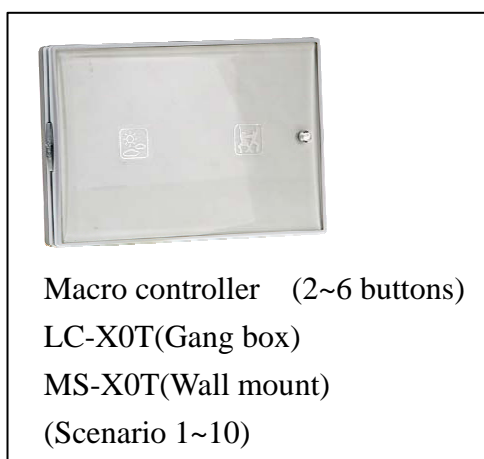


HT-100 LCD Controller
(Scenario 1~24)



PC-09W/I+APP software (Scenario1~24)

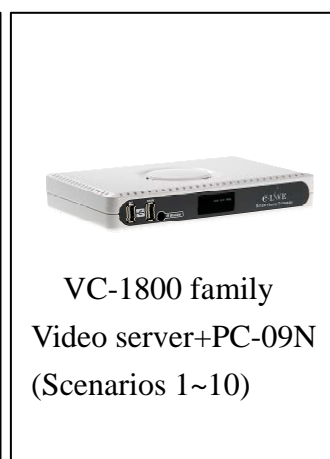
Link to other scenario control



Macro controller (2~6 buttons)
LC-X0T(Gang box)
MS-X0T(Wall mount)
(Scenario 1~10)



FS-02N
Trigger linking
controller
(Scenarios 1~10)



VC-1800 family
Video server+PC-09N
(Scenarios 1~10)

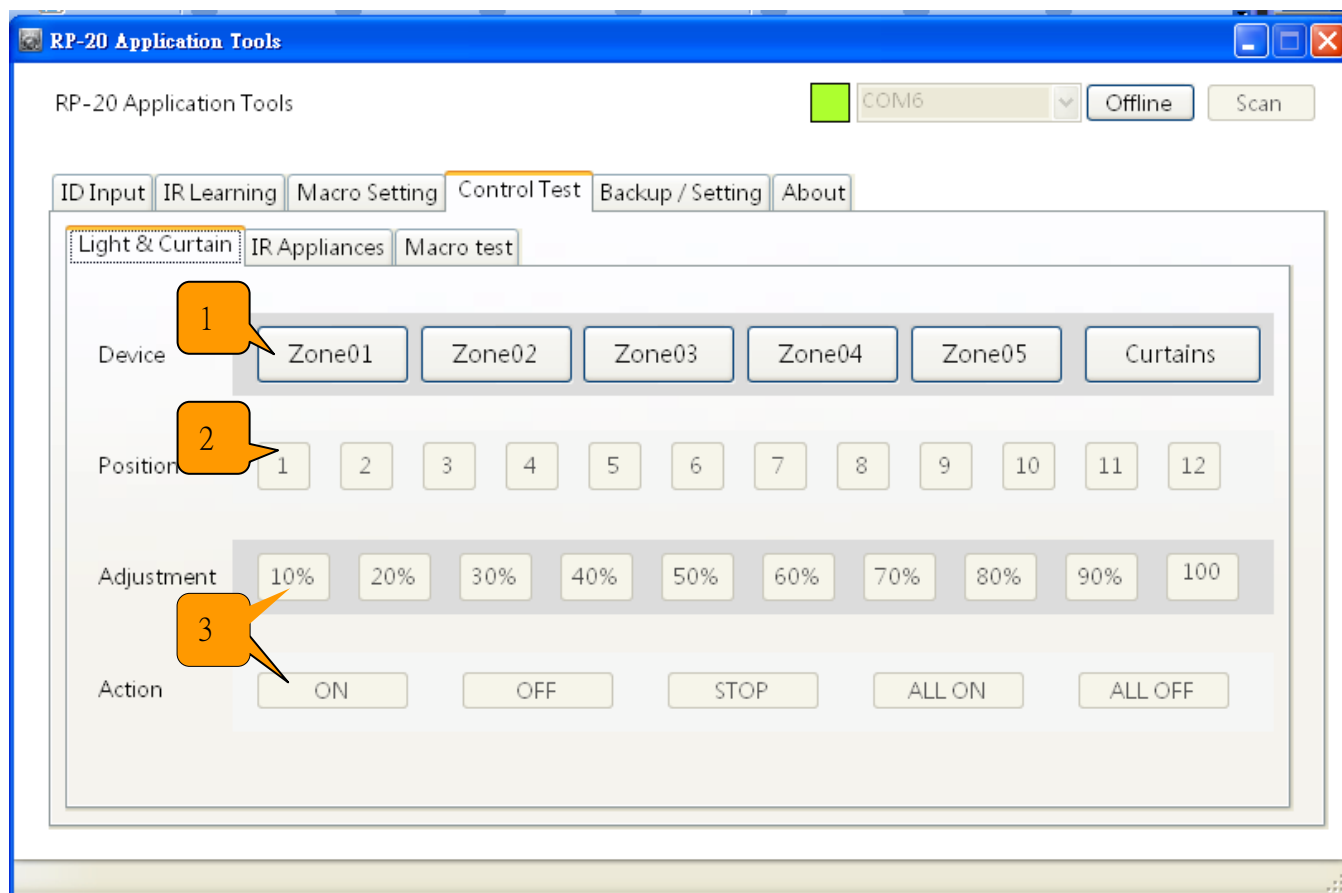
Control Verifications

RP-20 software : The purpose of control verification is to make sure its works after IR learning and scenario setting, it also provide remote control of lighting and curtain, it could be remote control all function of e2-Live via this software. In operation, the network connections of RP-20 or PC must be maintained.

Lighting & Curtain

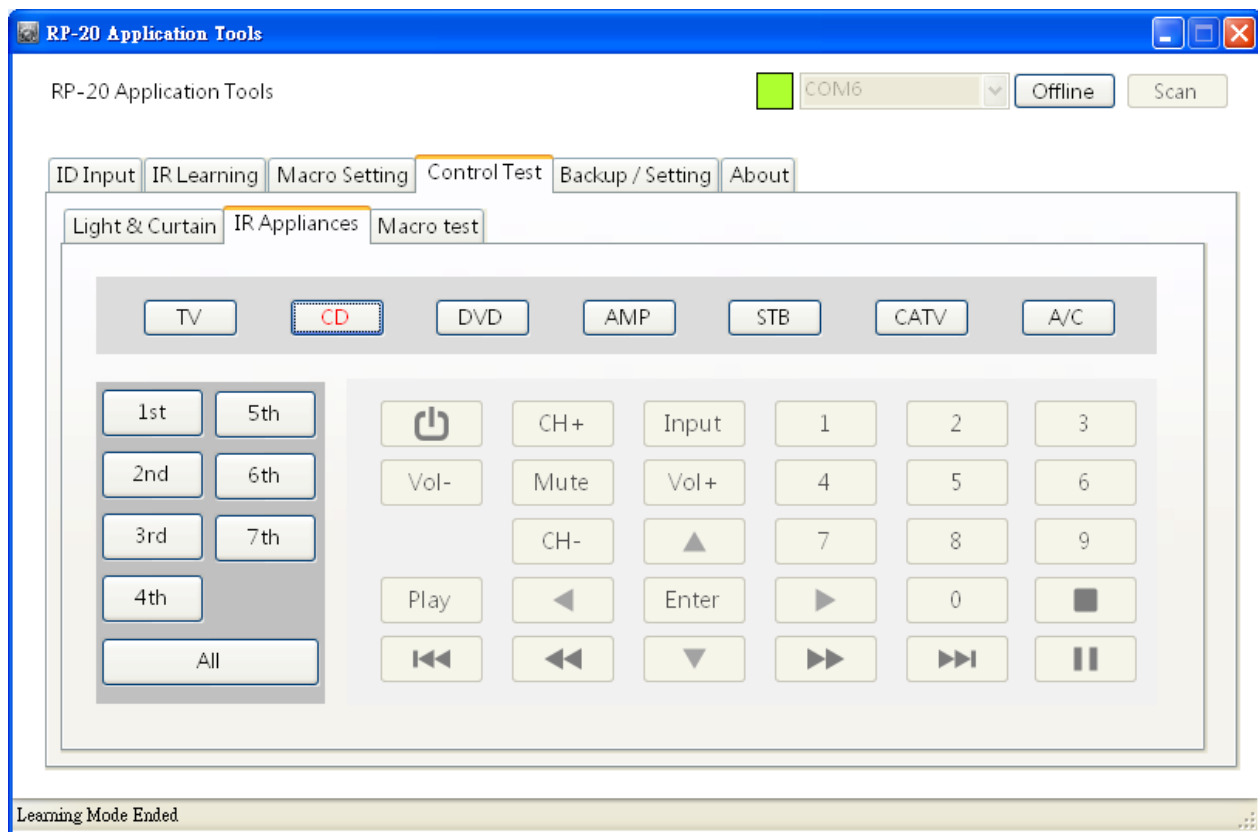
Guided operation buttons, select device in sequence → Location → Dimmer/ON/OFF(Dimmer switch only)

ALL ON / ALL OFF is for 1st ~5th areas ALL ON/ALL OFF, curtain control is operated with specify brand.



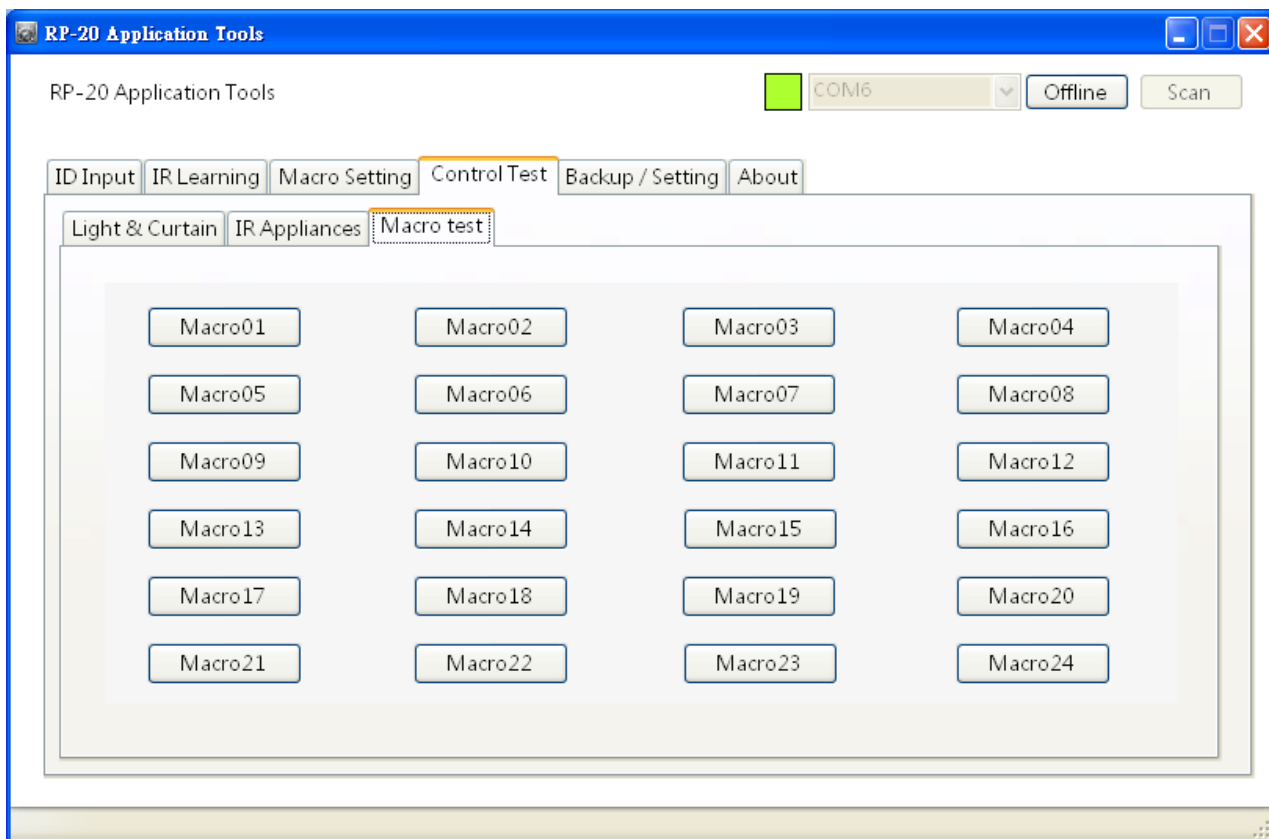
Appliances Infrared control

Select device--→IR emission location--→Action button



Scenario verifications

Press button of scenario 01~24 , RP-20 will be executed immediately, be careful to operate, during operation of scenario, it does not accept others remote commands again.



Backup Setting

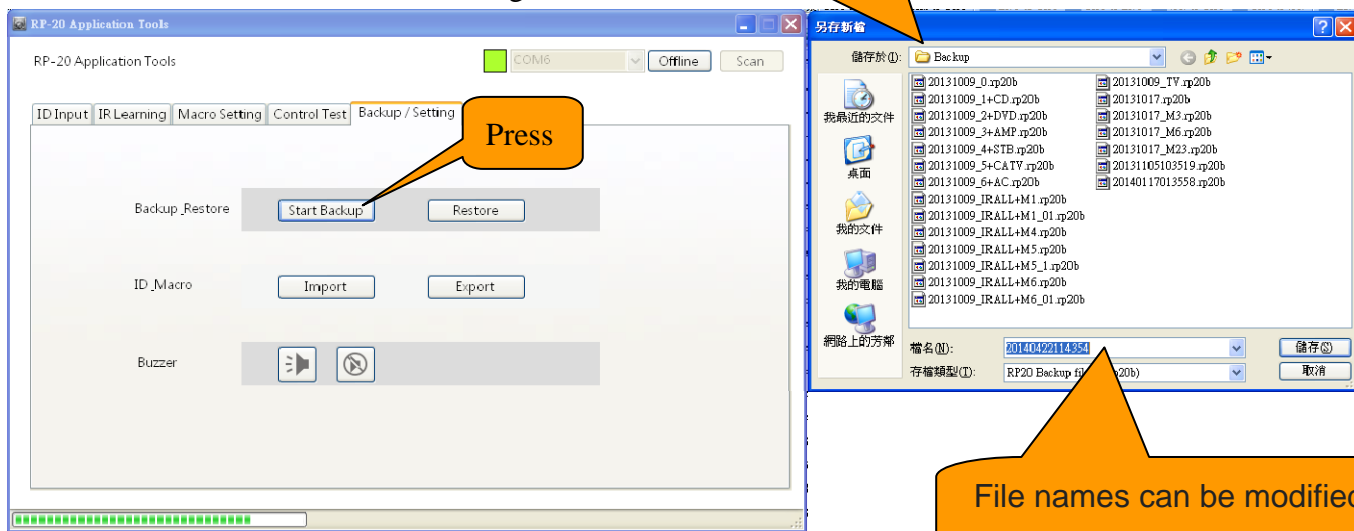
Backup recovery

For RP-20 to read out the backup setting data

The information of RP-20 software could backup or recovery are as follow :

1. Remote ID
2. Infrared learning data
3. RP-20 AVhome Box scenario settings

The default storage path, suggest do not changed

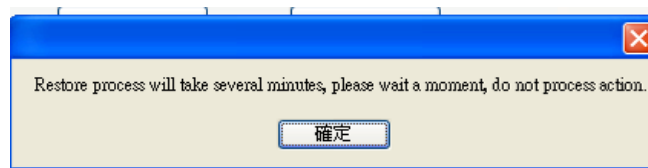


Its takes about 2 or 3 minutes to backup or recovery. Do not remove the USB connection, in process of backup or recovery to avoid error reading or wrihting.

Backup purpose

1. If there is any problem of RP-20, then you could recovery back to initial status
2. Copy to another RP-20

Recovery :

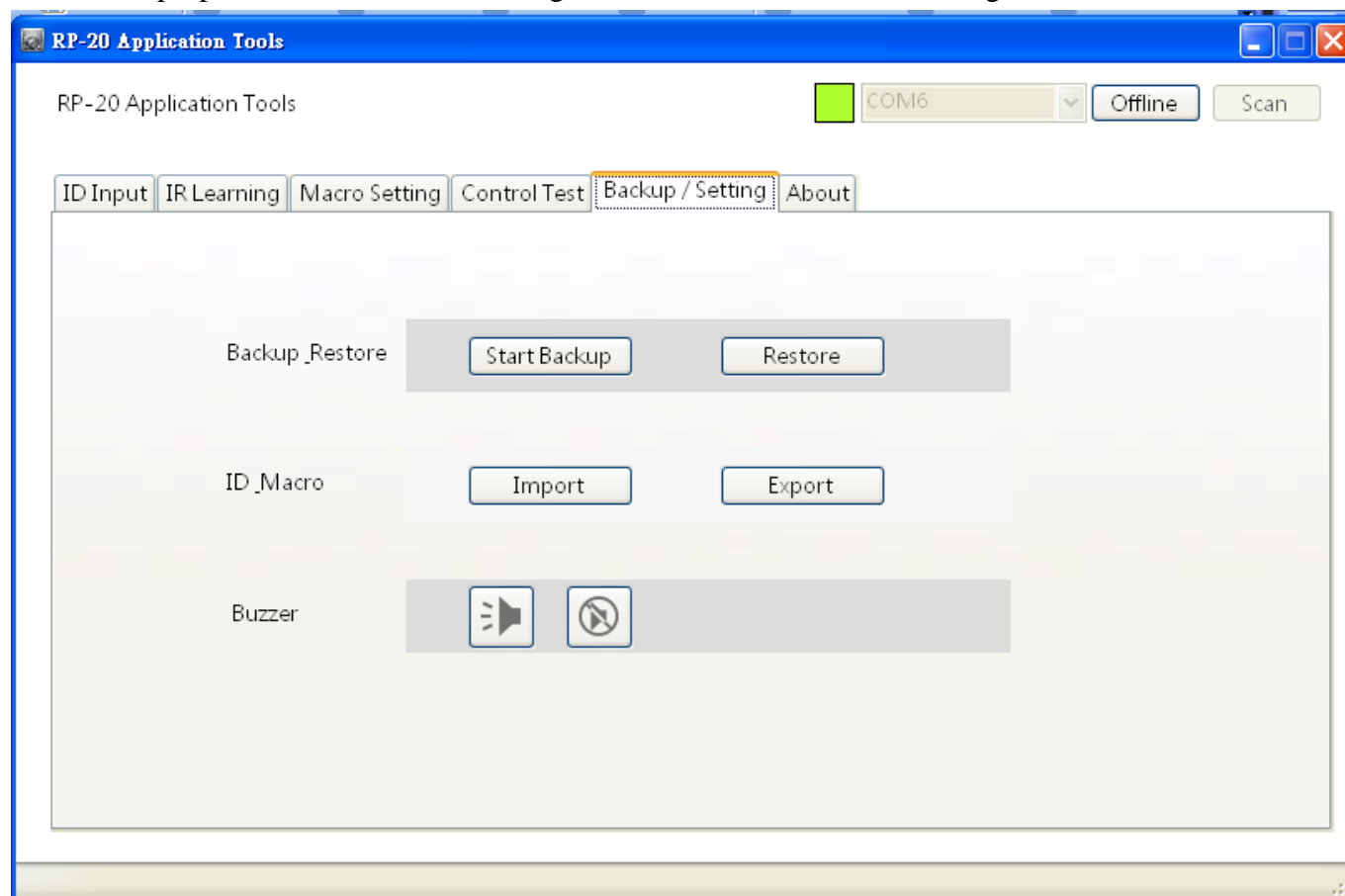


ID & Scenario

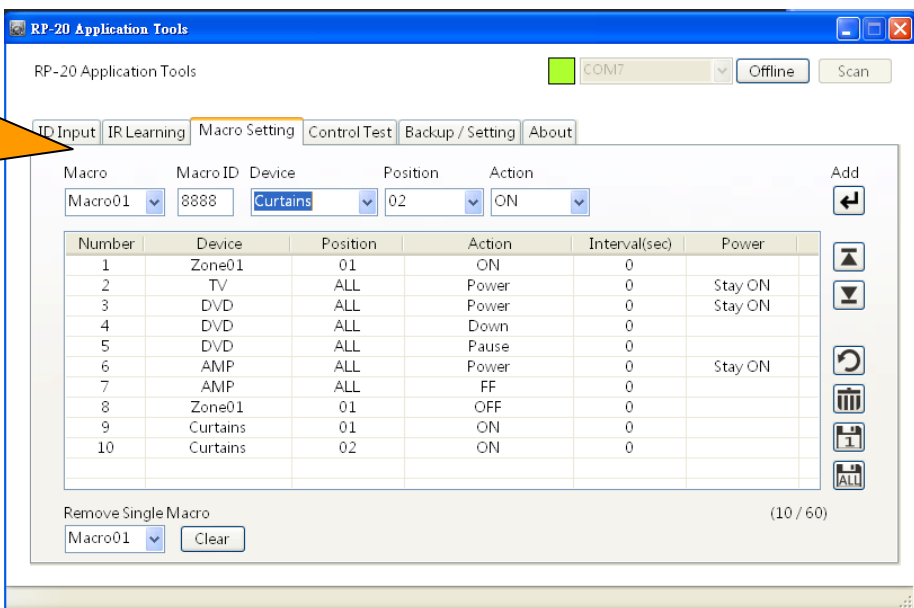
For RP-20 software setting is finished **【Scenario & ID data】**, You can save as a file to PC
 RP-20 can save a single or all of the scenarios to PC for storage, and read back to RP-20 by Input.

Purpose of output data of scenario

1. Save for backup file
2. For the purpose of revise current setting data of RP-20 to reduce re-setting time

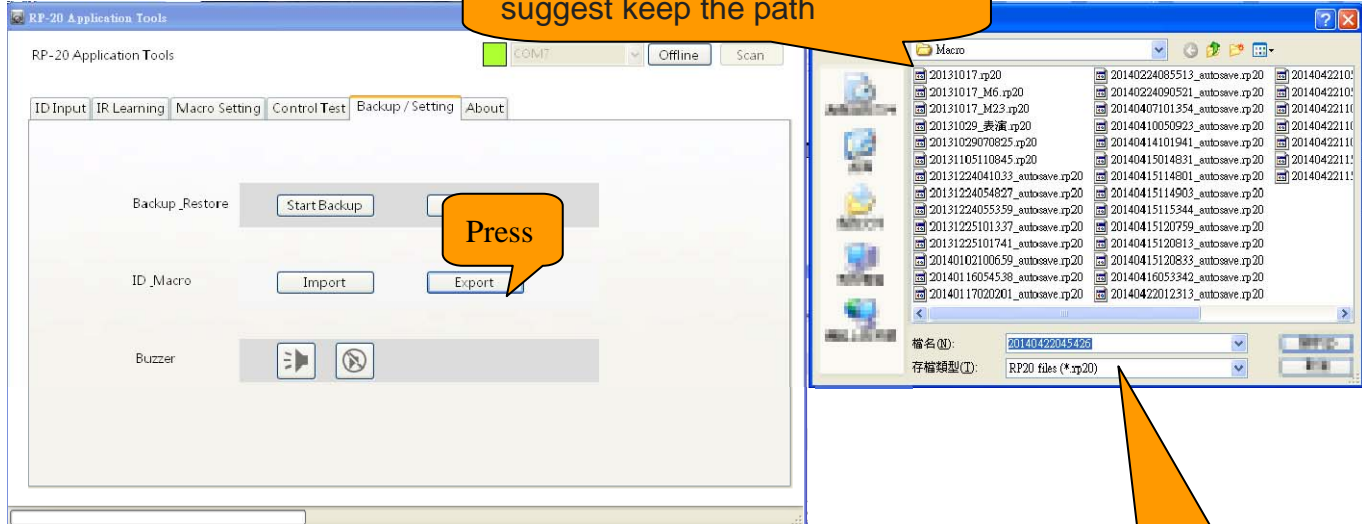


Output: Save the current scenario settings to PC for later revised using (could be one or more)



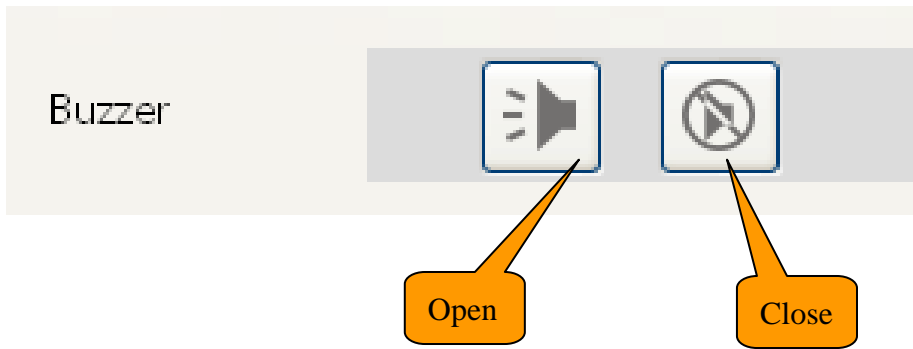
Output file

The default storage path, suggest keep the path



File names can be modified in either

Open/Close/Muting RP-20



In IR learning, RP-20 is recommended to open the buzzer can help confirm the operation action

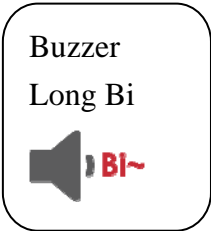
RP-20 host has received.

After editing operation is completed with the relevant settings, you can choose to turn off the buzzer

About

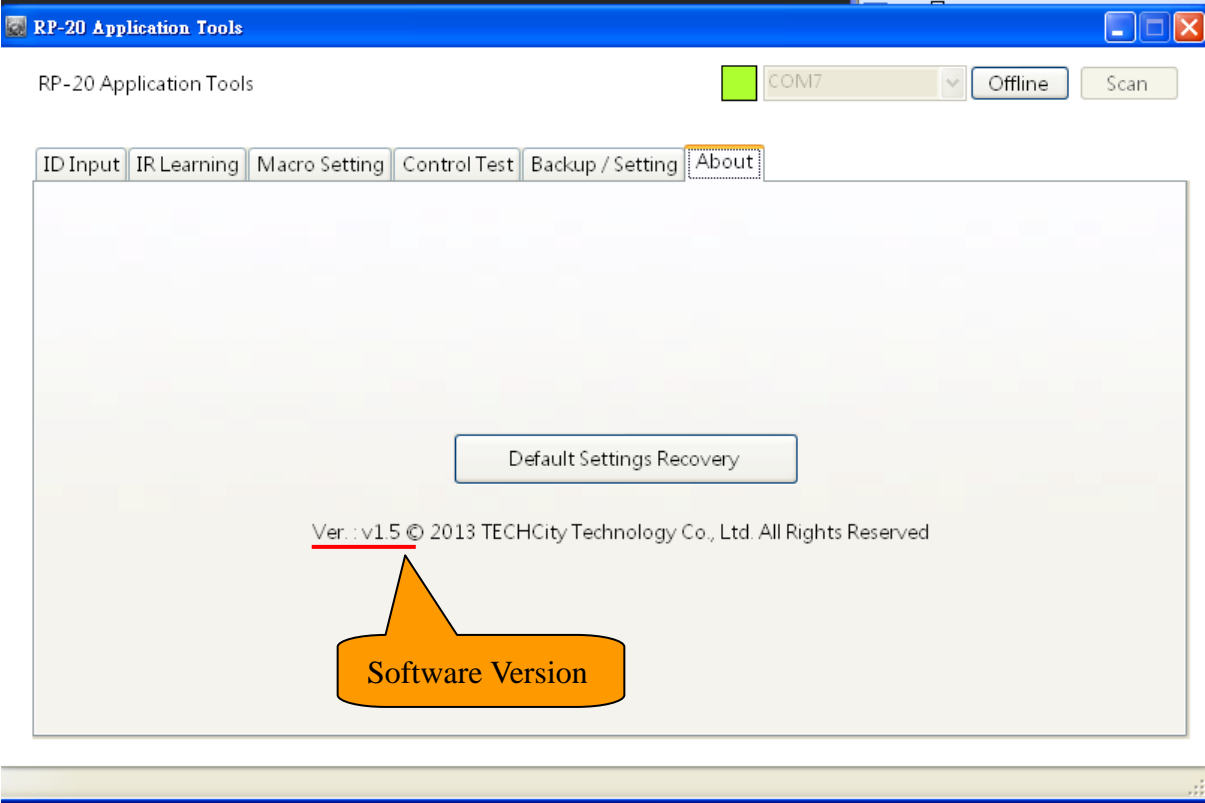
Restore factory settings :

Press and then
sure to



, IR learning data and scenario setting will be cleared. Please be
confirm before execution.

ID will be retained, so if you need to change the ID, please use the Home page's ID settings, to re-write ID



FCC Notice

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: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: 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.