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# CloudTV Box User Manual

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WSTA-666

Please read this before the installation



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# Caution and Safety

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\* Please read this user manual carefully before using CloudTV Box

- Do not open the cover of CloudTV Box, it may cause some damages.
- Please keep CloudTV Box at a ventilated place and avoid sun exposure.
- Do not put any heavy objects on CloudTV Box.
- Please unplug the power if you do not use CloudTV Box for a long period time.
- Do not use organic solvents or volatile cleaners but a dry cloth to wipe CloudTV Box.
- Please place CloudTV Box horizontally and avoid vibration to prevent damage to CloudTV Box.

## **Federal Communication Commission Interference Statement**

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.

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 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.

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### **Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

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# Packing List

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1. CloudTV Box
2. Remote Control
3. Adaptor
4. HDMI Cable
5. RCA Cable
6. User Manual
7. Battery(AAA) x 2

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# Input / Output

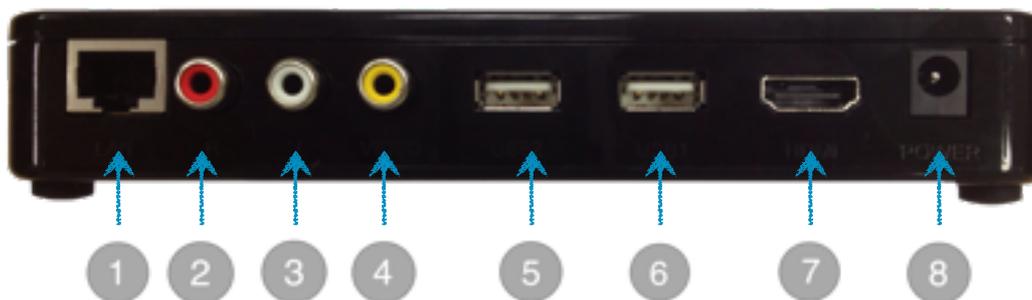
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## FRONT



1. Ethernet: ON / OFF
2. Power: ON / OFF
3. WI-FI: ON / OFF
4. IR sensor

## BACK

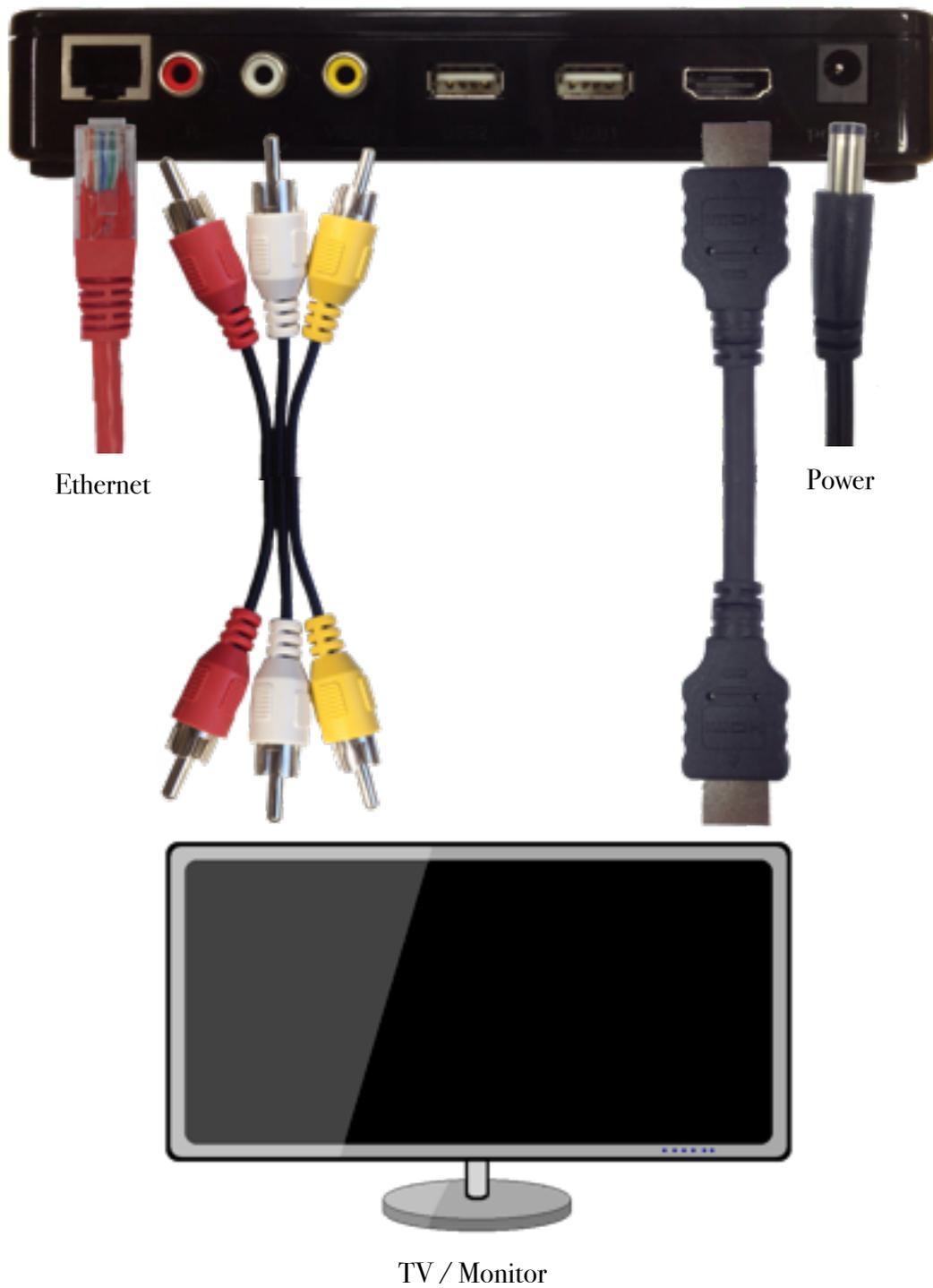


- |                        |                |
|------------------------|----------------|
| 1. Ethernet Port       | 5. USB Port    |
| 2. Right Sound Channel | 6. USB Port    |
| 3. Left Sound Channel  | 7. HDMI Output |
| 4. Video Output        | 8. DC port     |

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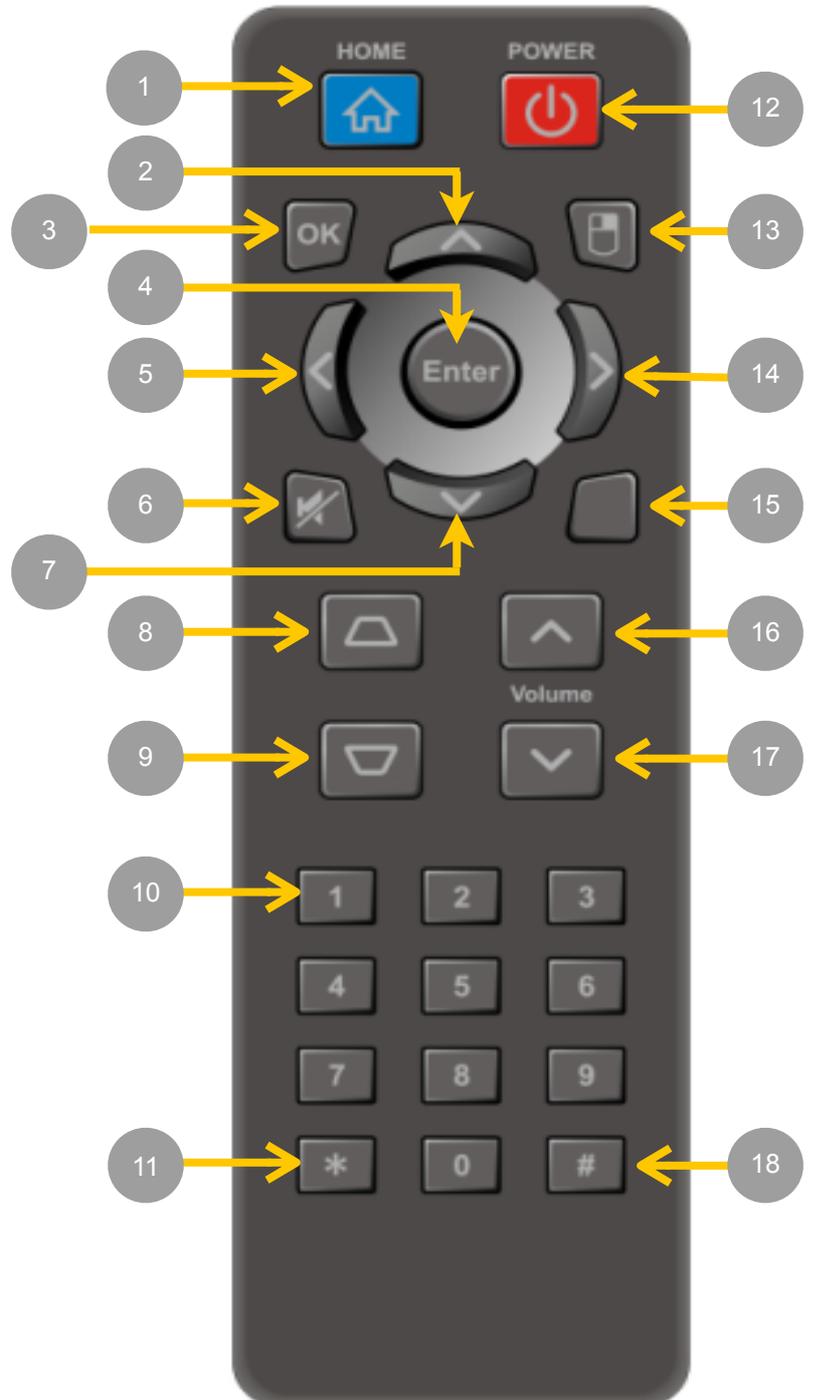
# How to Install

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# Remote Control

1. Home
2. Direction: UP
3. Confirm/Left Mouse Button
4. Confirm/Left Mouse Button
5. Direction: Left
6. Mute
7. Direction: Down
8. No define
9. No Define
10. Number Area
11. No define
12. Power
13. Right Mouse Button
14. Direction: Right
15. No define
16. Volume: UP
17. Volume: Down
18. No define



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# How to Use

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Thanks for using GigaFu CloudTV Box, before using CloudTV Box, please read this manual carefully.

## TURN ON

1. Please connect the cable (RCA or HDMI cable) to CloudTV Box and your TV, Projector or LCD Monitor.
2. Please plug the power.
3. Wait about 1 minute for the CloudTV Box to warm up. after this you can enjoy your life with CloudTV Box ◦

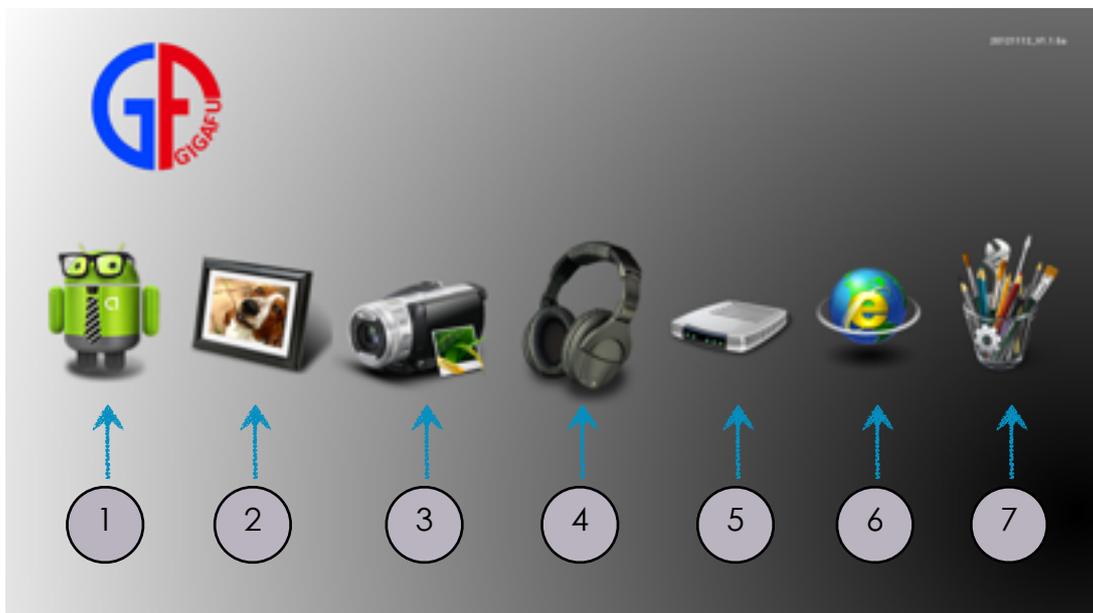
## OTHER ACCESSARIES

CloudTV Box can connect different kind of USB devices, including mouse, keyboard, Card reader, USB Flash drive, Hard Disk, Microphone, Video Camera. (Some devices may need the driver support or work with specific APP)

We suggest you using the CloudTV Box with mouse and Keyboard, this can help you to use CloudTV Box more smoothly.

## HOMEPAGE

After warming up, CloudTV Box will directly go to Homepage.



In Homepage, we set some common App for you.

1.You can go to desktop and select other App.

2.Gallery

3.Movie Player

4.Music Player

5.File Manager

6.Browser

7.Setup

## DESKTOP

In CloudTV Box, we pre-install some convenient software for you, including Movie, Music, Browser, Mail and lots of common and useful tools. Besides these App, you can also install App by yourself. Please refer to chapter "Application Installation".

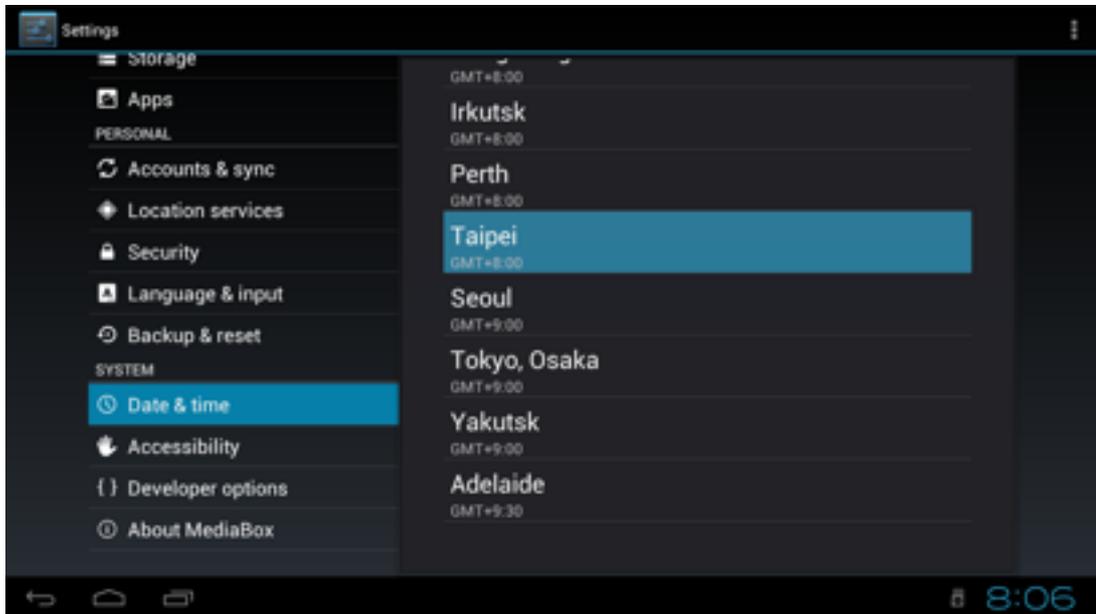


1. Back to previous page or leave the App.
2. Back to Desktop.
3. Show the App that work in Background.
4. Notification Area: Here can shows the basic information about the CloudTV Box. EX. Time, Internet Status, USB connection Status.

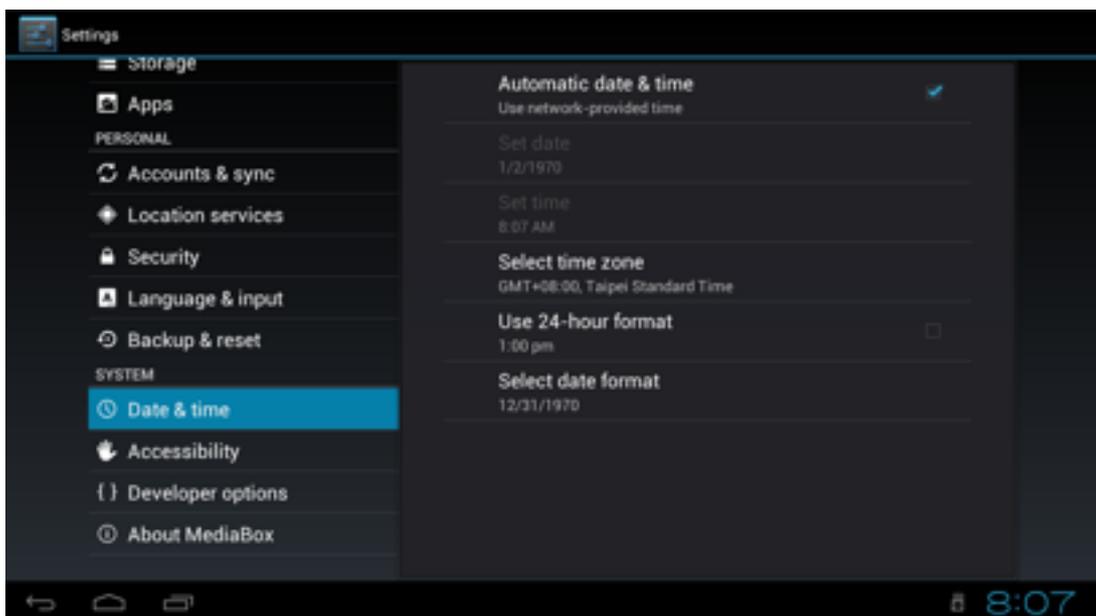
## SETTING DATE AND TIME

Before starting using CCloudTV Box, you can setup the Correct Date and Time

In “Setting”, select “Date & time”, and than select “Select time zone”, and than choose your location’s time zone.



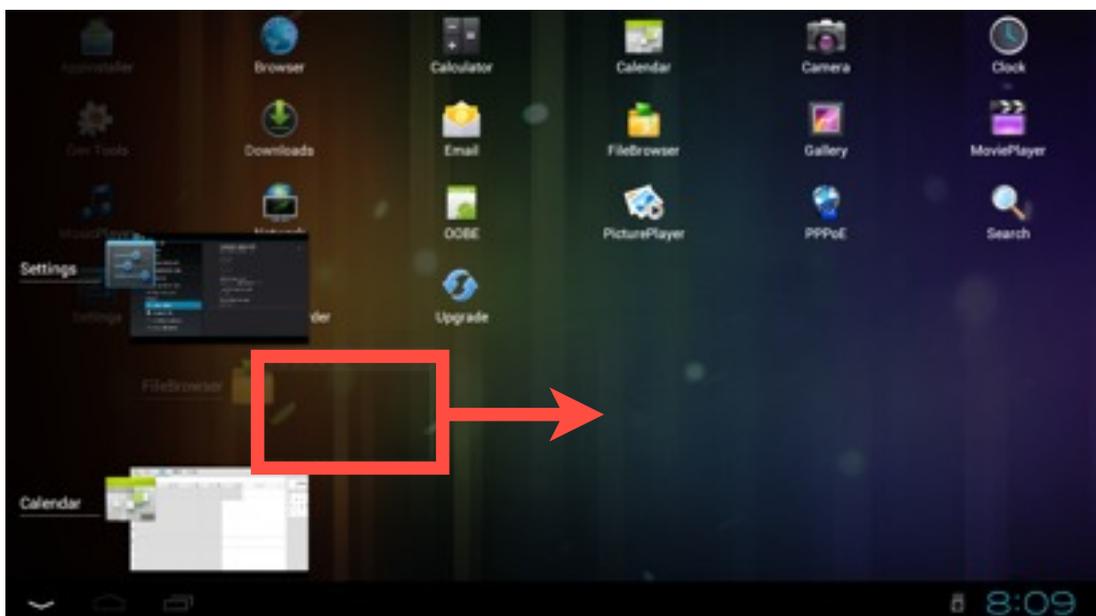
If you choose “Automatic date & time”, and your CloudTV Box connected to the internet, CloudTV Box can get the right time on through the internet.



## LIST OF APP IN BACKGROUND



After selecting the “List of App in Background”, it will shows the Apps that you used recently. These Apps are not be closed, but work in background. By selecting the App you can keep using your App.



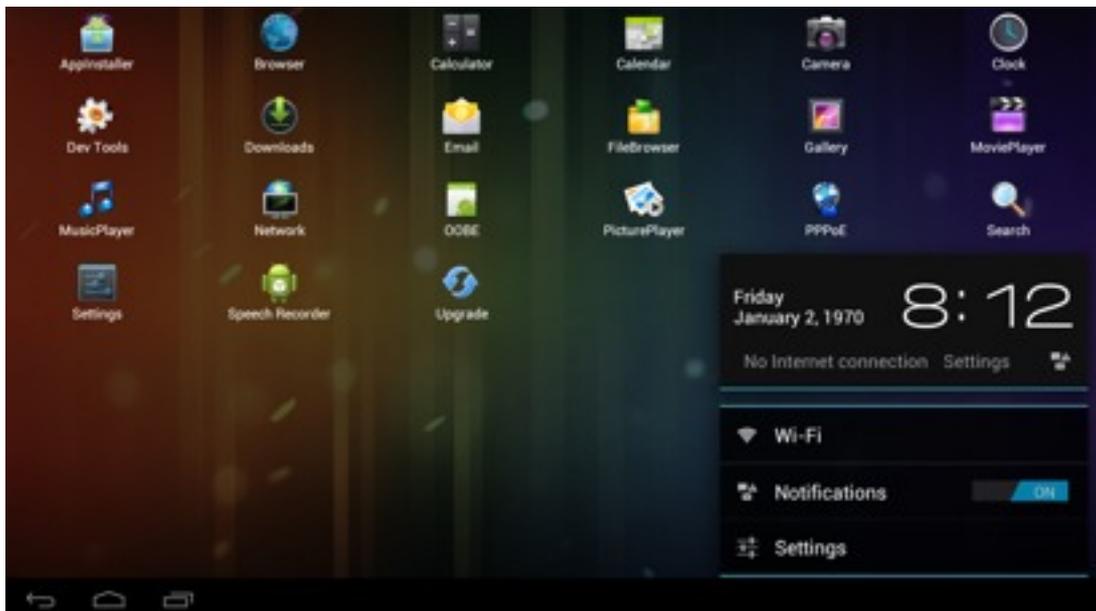
If you really want to show down these App and not working in background, you just need to pull the App out of the “List of App in Background”. After this, the App won’t use and System resources until you turn on it again.

## STATUS AND NOTIFICATION

The “Status and notification area” is in the lower right corner. Here can shows the basic information about the CloudTV Box. EX. Time, Internet Status, USB connection Status.



If you select this area, it can shows more detail information for you. You can also select “Setting” to do more detail setting.

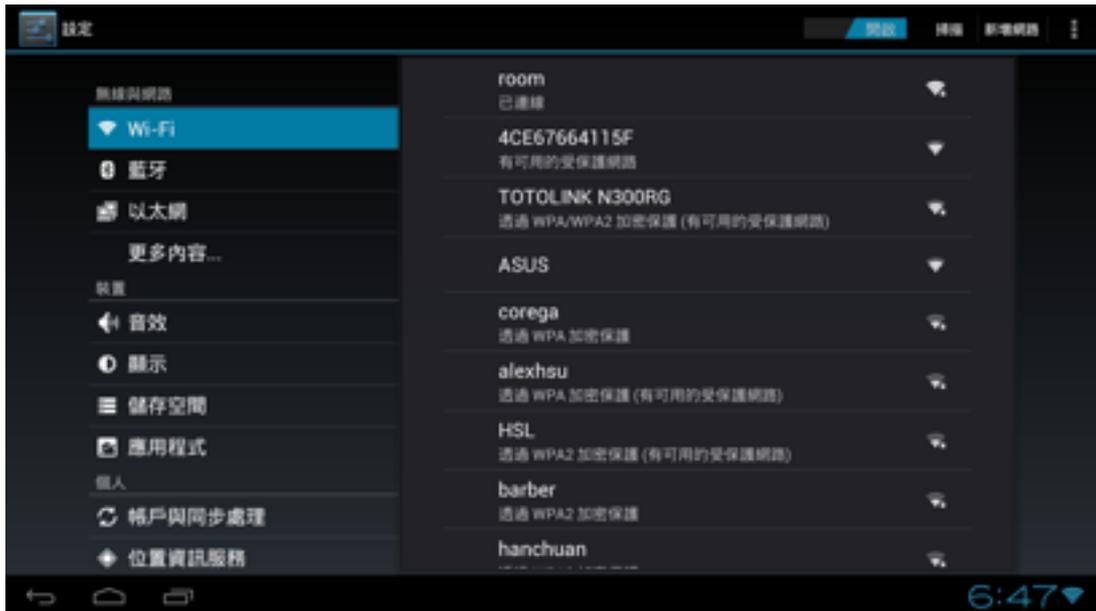


## INTERNET

CloudTV Box can connect to internet through Wifi or Ethernet.

### ► Wifi connection

1. Select “Setting” in Homepage or Desktop.
2. Select “Wi-Fi” in “Wireless & Networks”, and turn Switch to “ON” in the upper right corner.



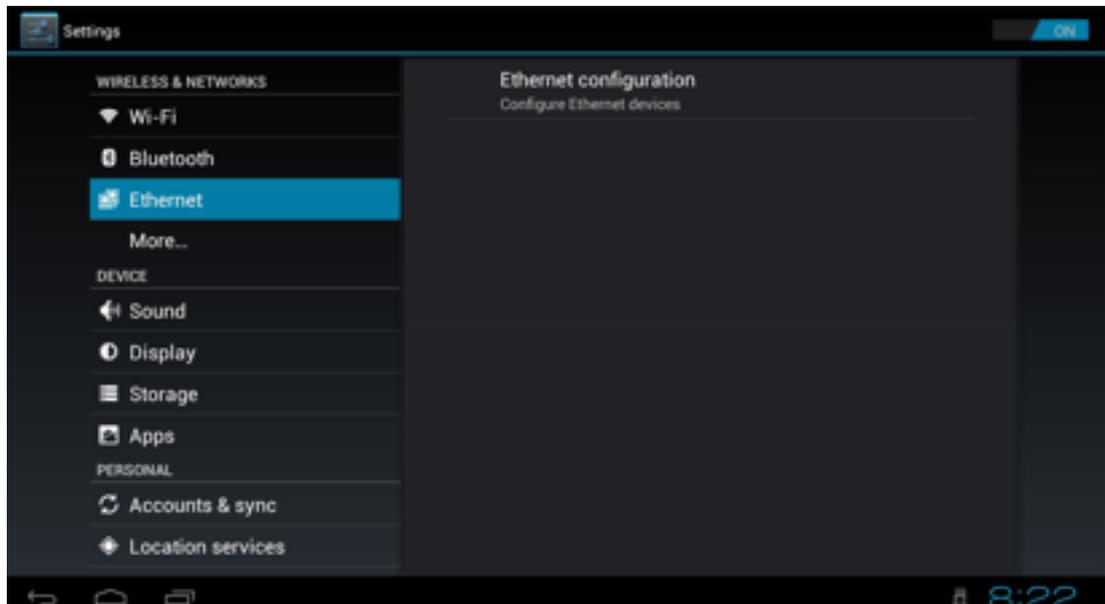
3. Choose the Wi-Fi SSID that you want to connected to. You can select “scan” on the upper right corner to re-search the available Wireless signal. If you want to connect the Wi-Fi SSID not shows on the list, please select the “Add network” in the upper right corner and fill in the necessary information.
4. If the SSID that you select is certificated, please key-in the password.



5. About the other detail Wi-Fi setting information, please ask your Network management or Internet provider.

### ▶ Ethernet Connection

1. Plug the ethernet cable to your CloudTV Box ethernet port. If your Network support DHCP, CloudTV Box can automatically obtain the IP and connected to the internet.
2. If your network does not support DHCP function, please select the “Setting” on the Homepage or Desktop.
3. Select “Wireless & Networks”, “Ethernet” → “Ethernet Settings”, and do the detail network setting.



4. Please ask your Network Management or Internet Provider for more detail information.

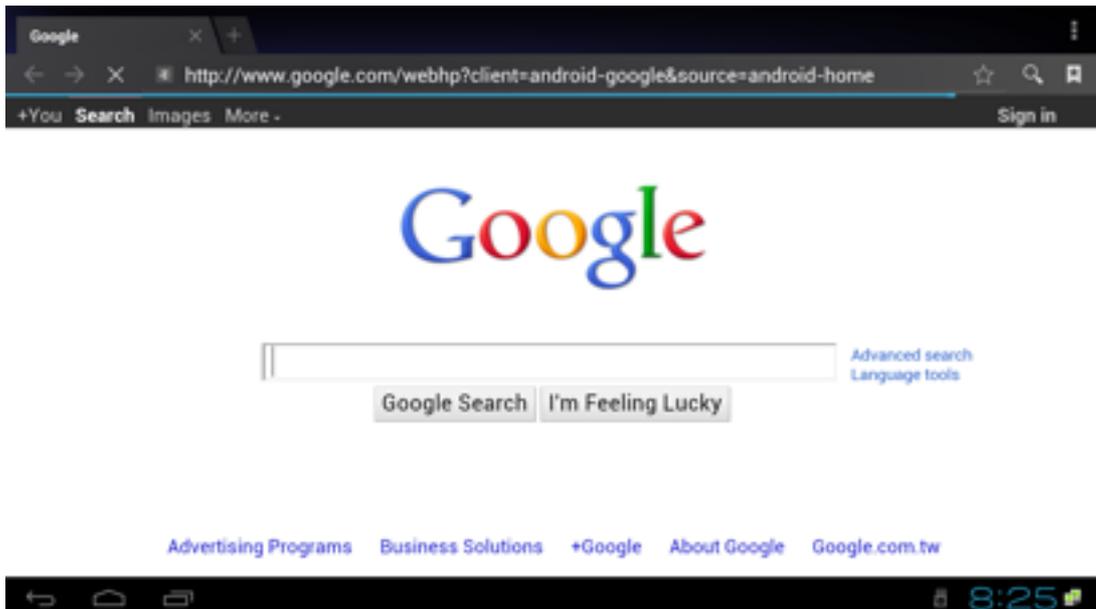


## BUILT-IN SOFTWARE

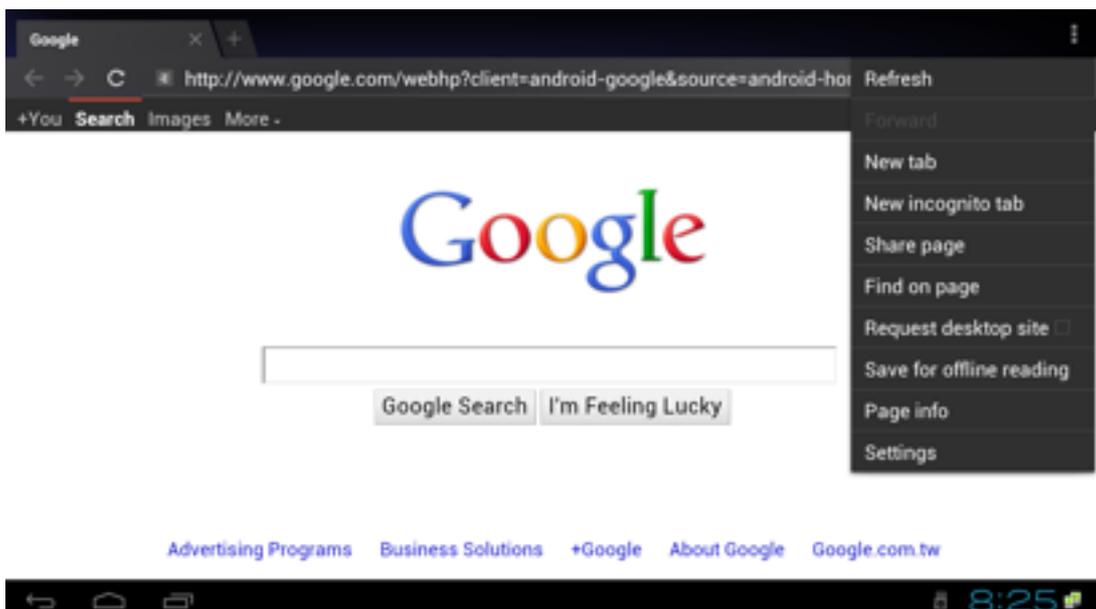
### ► Browser



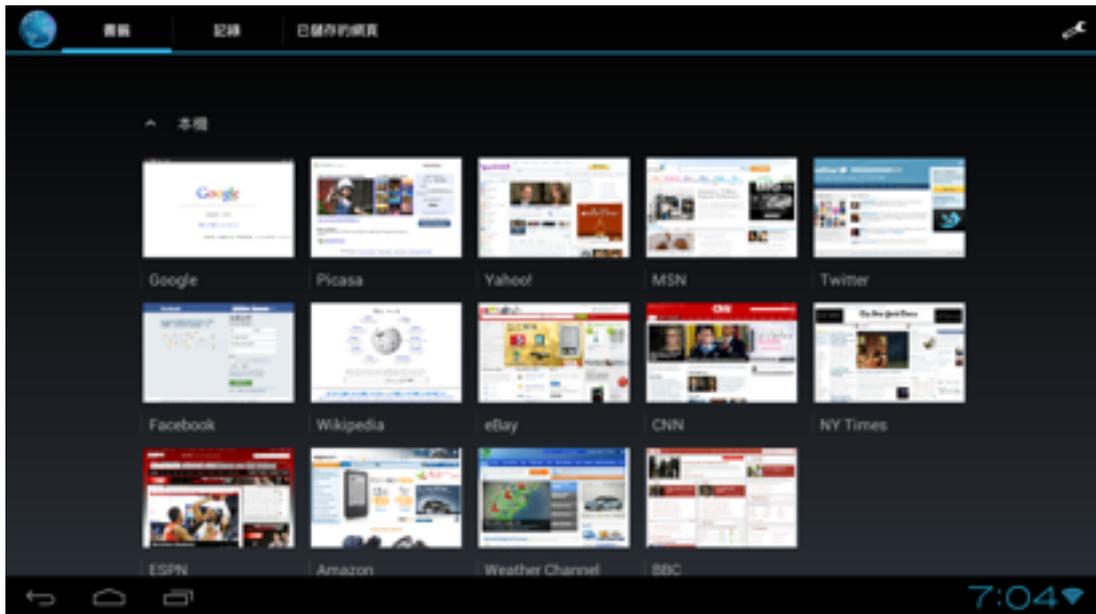
Select the “Browser” on the Desktop, you can start to use the browser APP. In “Browser”, you can surf the internet, shopping, chatting or read the newest information in the internet.



You can also select the  on the upper right corner to do more setting.



You can select  to enter the “Bookmark” page.



YOU can add your favorite Websites into the the “Bookmark”, this can help you to save some time for searching your website.

## ▶ Email



Select the “Email”  on the Desktop. You can login your E-mail account in “Email” App and read, send mail via CloudTV Box.

1. You need to setup your account before you use “Email”.

Account setup

### Email account

You can set up email for most accounts in just a few steps.

Email address

Password

Manual setup Next

8:26

2. Key-in your E-mail address and password. Select “Next”, “Email” App will help you to setup your mail account automatically.

Account settings

### Account options

Inbox checking frequency Every 15 minutes

Send email from this account by default.

Notify me when email arrives.

Sync email from this account.

Automatically download attachments when connected to Wi-Fi

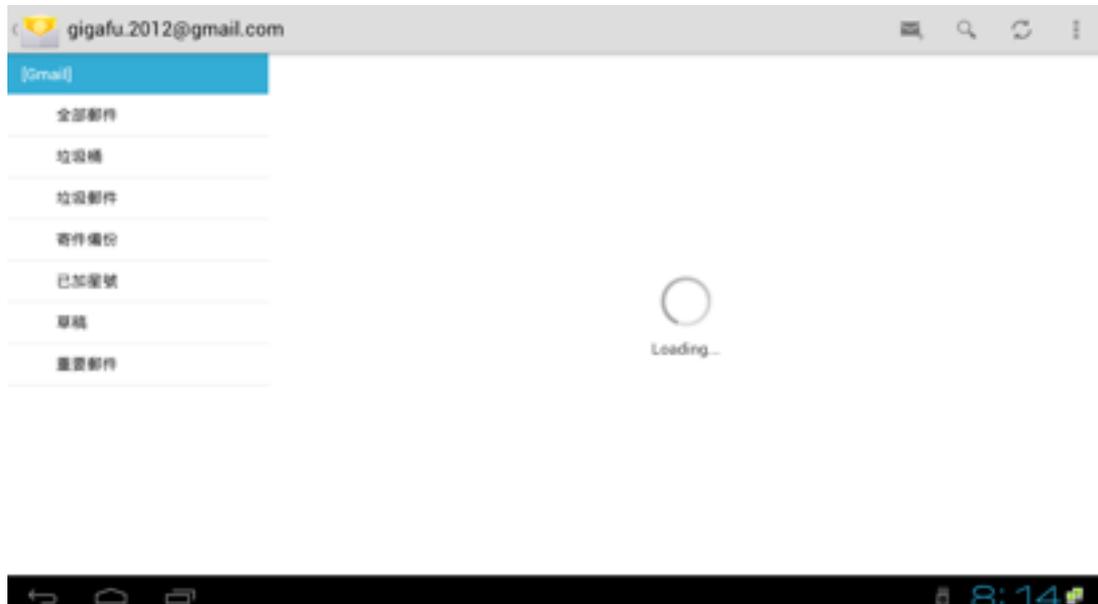
Previous Next

8:13

3. After all the setting, you can start to use your “Email” App.



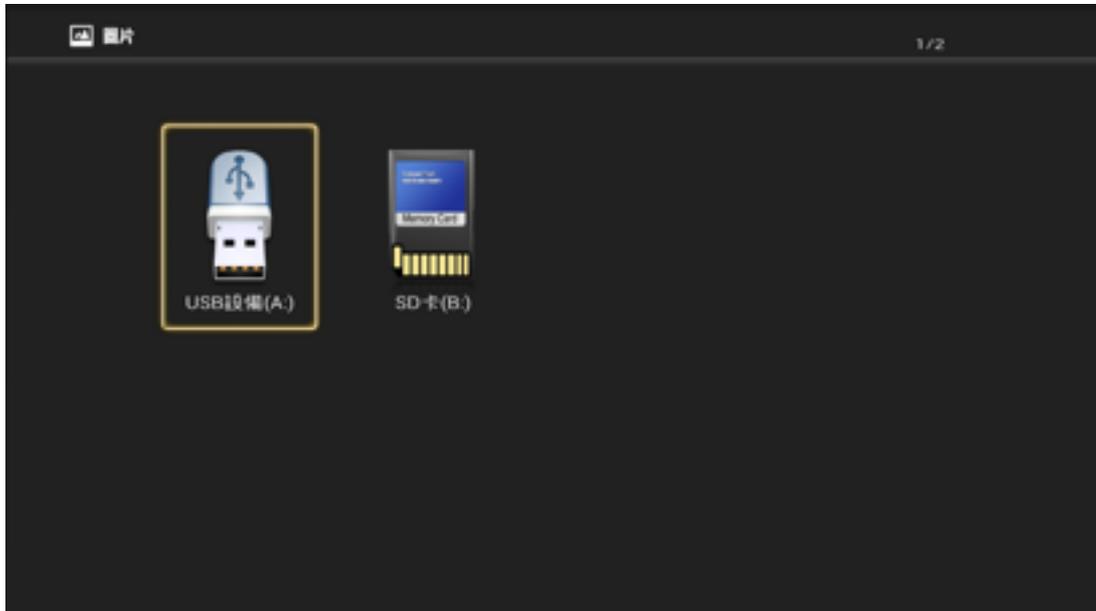
4. If “Email” App can not help you to setup your e-mail account, you can choose the “Manual setup” in Step (2.). For more setup information, please ask your Internet Management or refer to your e-mail account information.



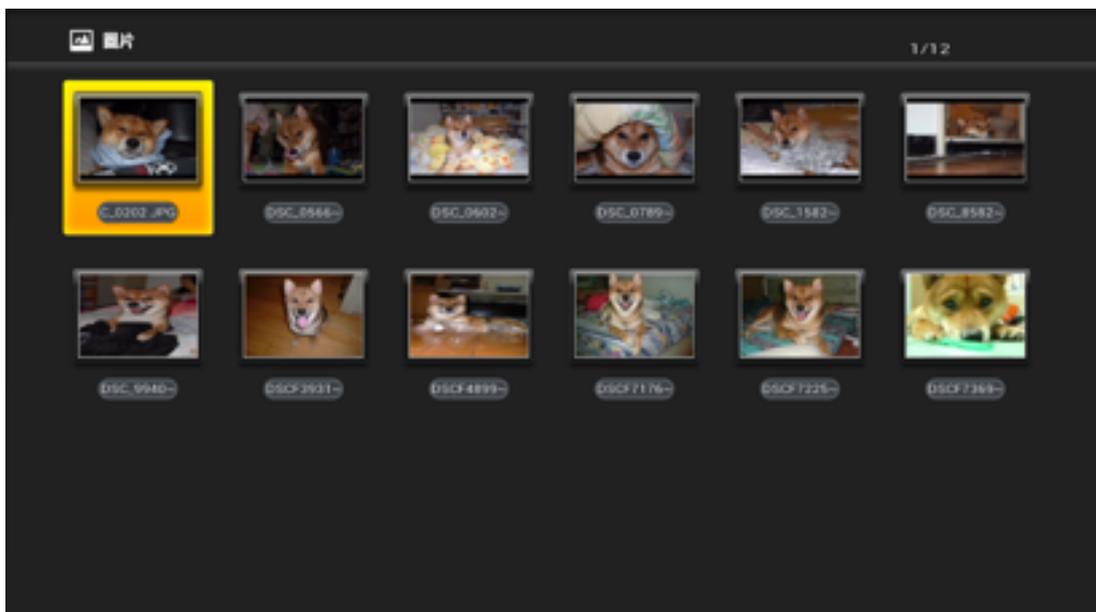
## ▶ Gallery

If you want to view or share your photo in your memory card or Flash Drive, please

select the “Gallery”  on the Desktop.



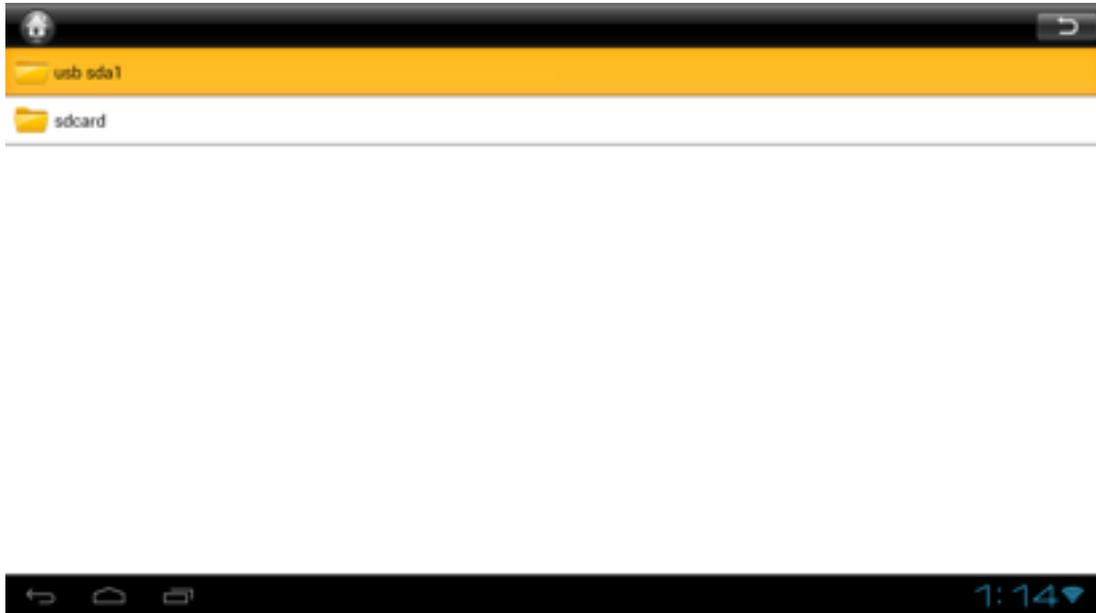
Select the location that your photo data is. According your data location, select the photo that you want to display.



## ▶ Movie Player

If you want to play your movie or video in your hard disk or memory card via

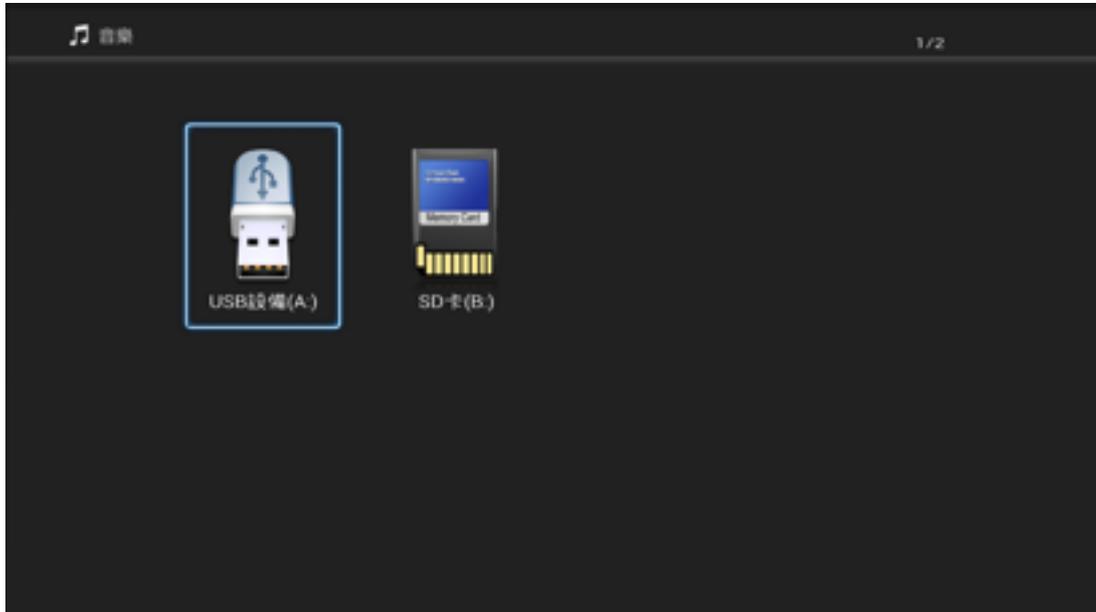
CloudTV box, please select “Movie Player”  .



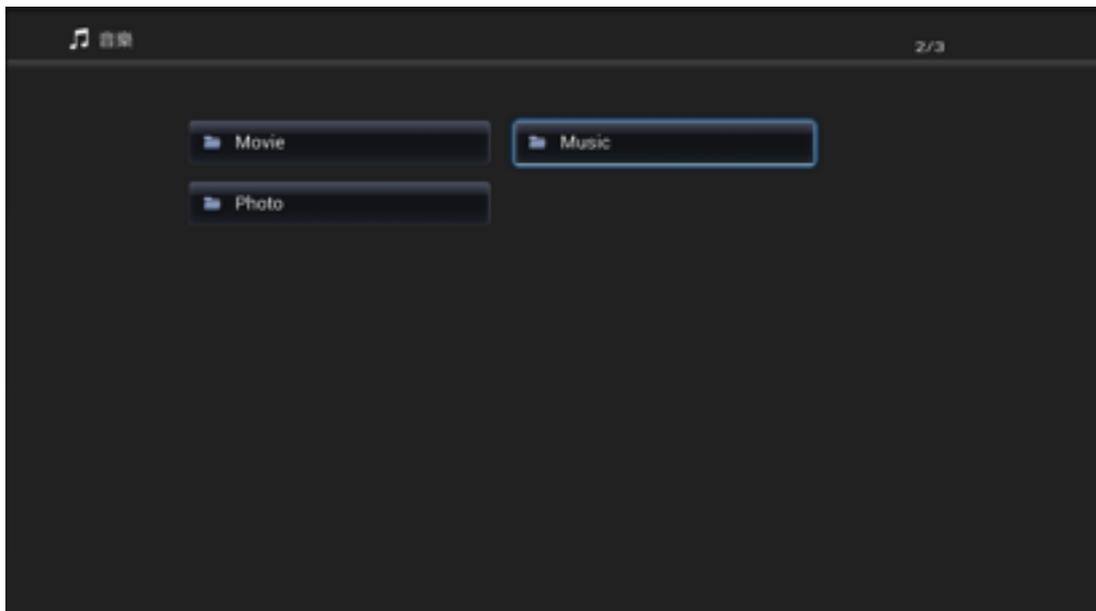
Find the video in your hard disk or memory card, and play it!

## ▶ Music Player

If you want to play you music file, select the “Music Player”  on the Desktop.



According to the location you put the music file, find the music that you want to play.



Select the file that you want to play, and enjoy your music.



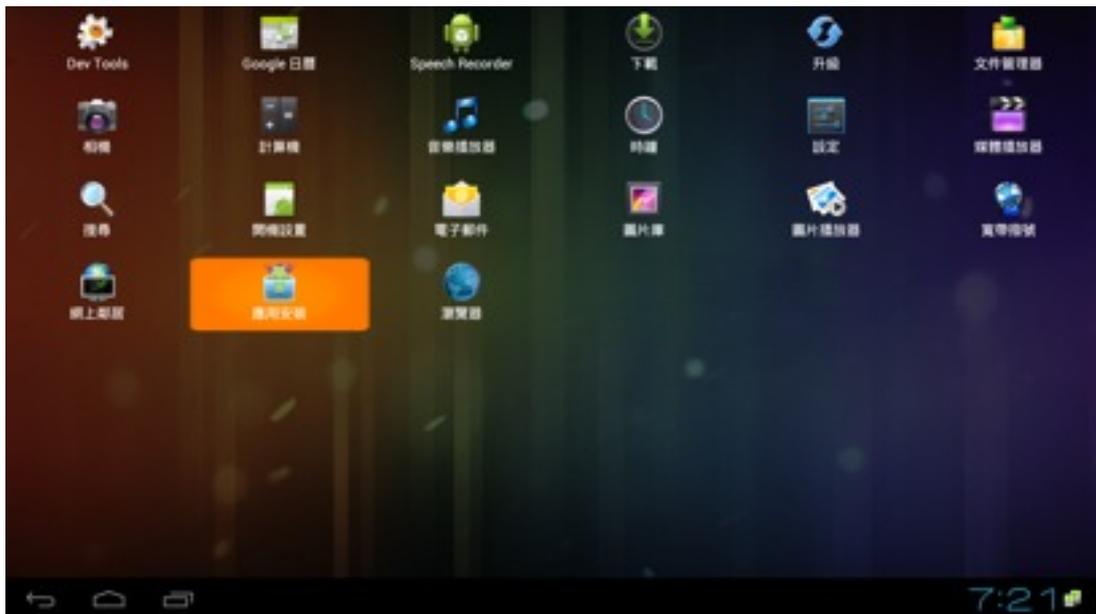
## ▶ Application Installation

Beside the build-in App, you can also download or purchase App on the internet.

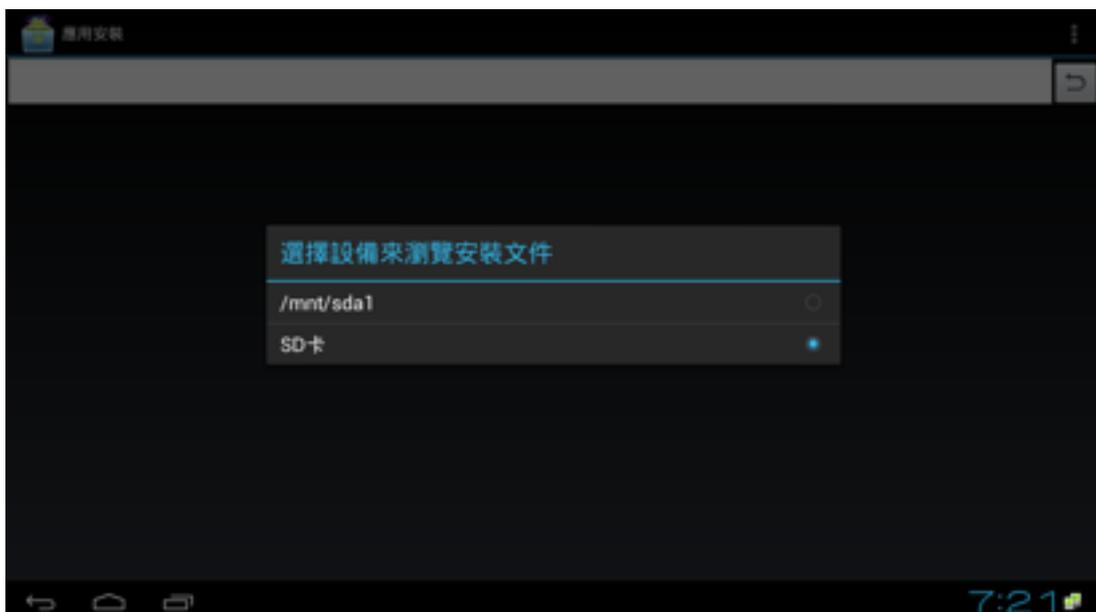
Before installation, please download the App (.apk file) that you want and put it into the USB flash drive in advance. Insert the USB flash drive into the USB port on CloudTV Box.



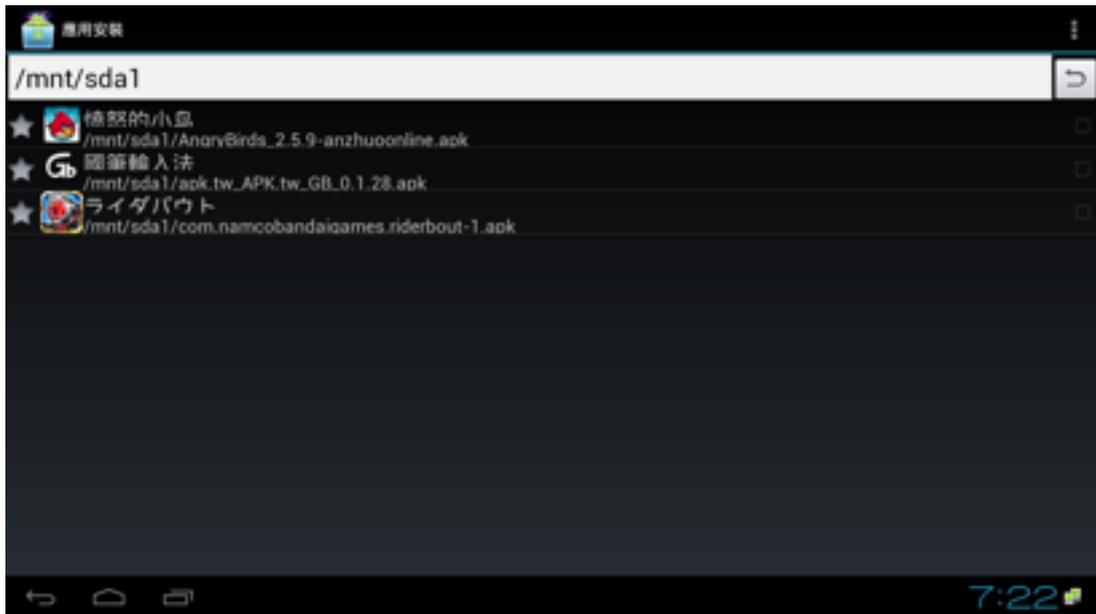
Please select the “Application Installation” 應用安裝 on the desktop, you can go to the installation page.



Please select /mnt/sda1, this is the path of your USB flash drive in android system.



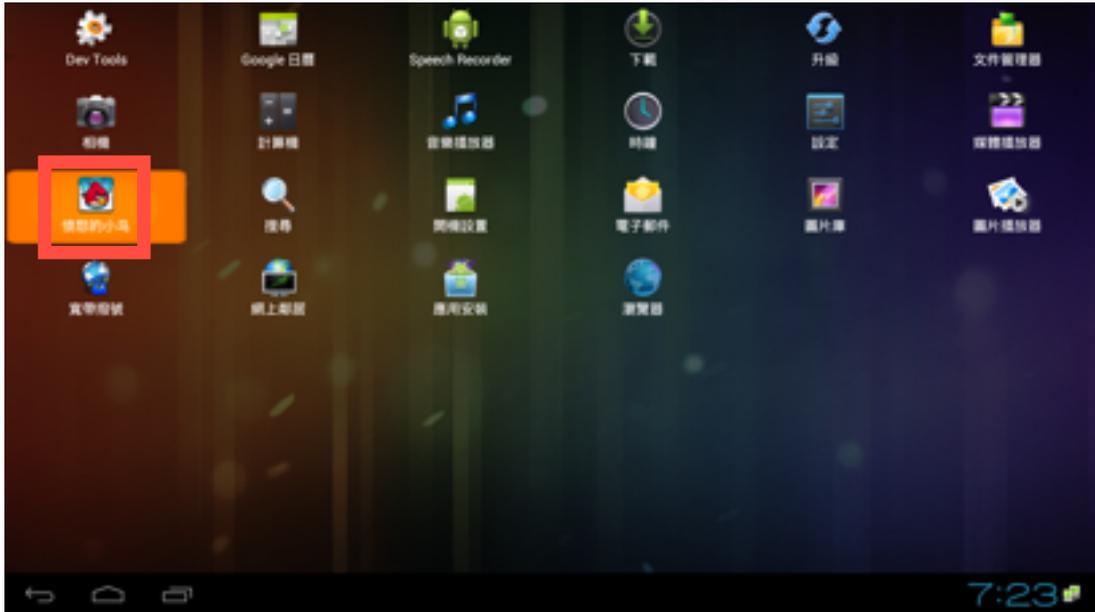
The system will determine and list the files (.apk file) that can be installed.



Select the App that you want to install, and it will go to the installation confirmation page. Select "Install" then you can start the installation.



After this, CloudTV Box will put your App on the Desktop.



Select your App, and you can start to use it.



Please keep in mind that, not every App is free, Also, beware of the Intelligence Property Rights, do not install any App that you don't have the rights to use it.

If the system crash or hardware damage by installing unsolicited App, you may lose your warranty.

# Product Spec

System	
OS	Android4.0
Flash	4GB NAND Flash
Memory	1GB DDR3
I/O	USB mouse, keyboard, IR remote control
Storage	Support USB Flash Drive and HD
Internet Protocol	
IP Protocol	TCP/UDP/IP
Internet Protocol	PPPoE, DHCP, Static IP
Video Decode	
Decode	<ul style="list-style-type: none"> <li>● H264 MP, HP@ level 4.1</li> <li>● MPEG1, MPEG2 MP@HL</li> <li>● MPEG4 SP@L0-3, ASP@L0-5</li> <li>● Divx4~6</li> <li>● RealVideo8/9/10</li> </ul>
Format	● PAL/NTSC
Ratio	● 4:3/16:9
Output	<ul style="list-style-type: none"> <li>● 1080p50(60)/1080i/720p/576p/576i/480p/480i</li> <li>● xvYCC(IEC 61966-2-4)standard</li> </ul>
Audio Decode	
Decode	<ul style="list-style-type: none"> <li>● MPEG L1/L2</li> <li>● downmix</li> </ul>
Format	Two-channel stereo
Audio and Video Encoding	
Decode	<ul style="list-style-type: none"> <li>● H.264/MPEG-4</li> <li>● Dynamic bit rate and Constant bit rate video</li> </ul>
Photo Decode	
Decode	<ul style="list-style-type: none"> <li>● JPEG</li> <li>● PNG</li> </ul>
Graphic Processing	
Decode	<ul style="list-style-type: none"> <li>● Enhanced 2D graphics acceleration engine</li> <li>● Anti-aliasing, Anti-flicker</li> <li>● 3D GPU acceleration engine</li> </ul>
I/O	
Internet	10M/100M Ethernet、WIFI
Video output	CVBS、HDMI 1.3
Audio output	RCA、HDMI 1.3
USB	USB 2.0 x2

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# Q/A

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Q : I can't turn on my CloudTV Box or there is no video on the TV, what should I do?

A : CloudTV Box will automatically turn up after you plug-in the power, you don't need to do any other command. If you can't turn your CloudTV Box on, please check the Power Adaptor is properly installed. You can check if the PWR LED in front side of the CloudTV Box is on or not. If the LED is on, please check the RCA cable or HDMI cable is proper connected between your CloudTV Box and your TV. If all these step can't help you solve the problem, please contact GigaFu, we will try our best to help you.

Q : My Remote control is dead, what should I do?

A : Firstly, Please confirm the battery is proper installed or not. If the Battery is proper installed, please use the remote control in short distance (>10 cm), if you can use the remote control in short distance, it might be the battery is empty, please change new batteries. If you still can't use the remote control after changing batteries, please contact GigaFu, we will try our best to help you.

Q : Why I can use the internet?

A : The reason why you can't use the internet may be various, please check your internet connection environment is normal, for example, your Notebook or Smart phone can connected to internet or not. If only CloudTV Box can't connected to the internet, please check the chapter "Internet" for more information, or ask your internet

management or internet provider.

Q : I don't have enough memory space to store the media.

A : You can purchase and add the USB Flash Drive on CloudTV Box to enhance your memory space.

Q : Why my video is not very clearly?

A : Please check if you select the proper resolution for the CloudTV Box. Also, CloudTV Box support RCA Cable and HDMI Cable. While using RCA cable, the resolution can support up-to 480p. While using HDMI Cable, the resolution can support up to 1080p. If you TV or Monitor can support 1080p resolution, we strongly recommend you to use HDMI cable to connect your TV and CloudTV Box, which can do the best for the CloudTV Box.

Q : What if my CloudTV Box broken?

A : GigaFu provide you one year non-human damage warranty. If your CloudTV is not broken by human damage, please contact us, we will help you to fix or replace the product. If you over the warranty period or CloudTV Box is damaged by human cause, we may have to charge for the repair cost.

If you have any other question related to our product, please feel free to contact us.



**兆福科技 造福全世界**

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