WeCloud

(WeC1029)

Wireless Personal Cloud

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Copyright Statement

Contents

Chapter 1 Introduction

1.1   Introduction

Wireless Personal Cloud

Support Wireless Storage and Multimedia Sharing

Share USB External Storage
Built-in USB port to make any USB external storage wireless capable for data access easily and sharing anytime,anywhere

Share SD Memory Card
Support SDHC and Micro SD card reader
Easily converts SD memory into wireless storage

Bridge to Internet Access
Support gateway and repeater mode to your Internet access and you could enjoy your multimedia playback while surfing the Internet simultaneously

Extended Battery Life
Up to 5 hours of continuous working of battery life

Share with Friends & Family
Allow more concurrent connections for sharing videos,audios,photos and data

Micro USB
Built-in micro USB port for charging and included data cable for data transfer

WeCloud
WeCloud is a friendly file manager app
Please download WeCloud app from GooglePlay and App Store

Wireless Sharing + **External Storage** + **Router Internet** + **Power Bank**

Made in China

Thank you for purchasing WeC1029 Personal Cloud with multi-purpose wireless device.

WeC1029 is a portable WiFi Storage with WiFi AP/Router functions. It supports SD, microSD and USB storage of files sharing and multimedia playback with your friends and family via your smartphone or iPhone/iPad.

Wireless mode can be easily switched by Firmware Setting. There are two modes. One is gateway router and the other is WiFi Repeater. The default network mode is wireless gateway router.

WeC1029 can be powered from either AC/DC 5V 1000mA adapter or a computer/Notebook with USB port.

1.2   Package contents

✓ WeC1029 main unit
✓ 1 USB cable
✓ 1 Quick user guide

1.3   Hardware Features
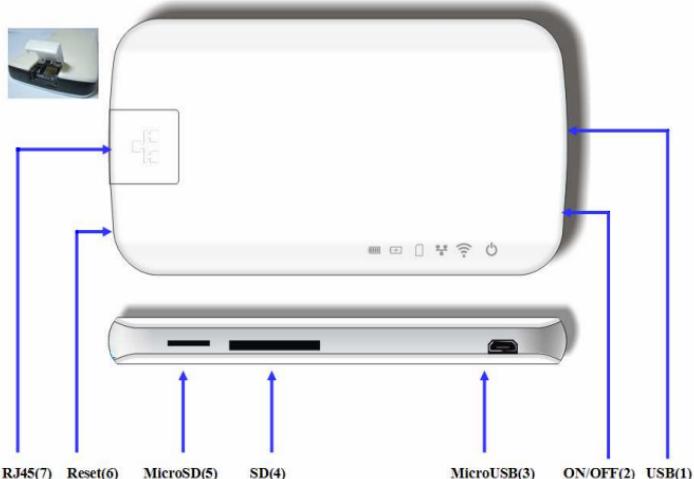
Wi-Fi Specification	IEEE 802.11b/g/n 150Mbps(1T1R)
USB(1)	USB2.0 High Speed. Support UDisk or 2.5" HDD
ON/OFF(2)	Power Switch ON: Turn On WiFi storage OFF: Turn OFF WiFi, can be used as Card Reader if connect to PC via MicroUSB(3)
MicroUSB(3)	Charging 5V/1A and as card reader to PC
SD(4)	Up to 64GB
MicroSD(5)	Up to 64GB
Reset(6)	Press over 10 seconds will recover to factory default
RJ45(7)	10/100 Ethernet port
Battery	Build-in Li-Polymar 200mA Up to 5 hours continuous working
Dimension	124.7mm*65mm * 13mm
Weight	120g
Operating Temp.	0~ 50°C

1.4   Software Features
    There are 2 methods to access the WeC1029
  (1) **Browser**: Chrome,Safari and IE
        Open a browser and type: 10.10.1.1

  (2) **WeCloud** Software:
        This software can be downloaded from App
        Store or Google Play

  Note：
  Suggestion to download "**MX Player**" for multimedia
  playback of Andriod system.
  "Adobe Reader" for PDF file.
  "WPS Office" for doc, xls, ppt, and txt file.

Photo	JPEG, BMP, GIF
Video	MP4, MOV, M4V,RMVB
Music	MP3, WAV, WMA, M4A
Document	PDF, DOC, XLS, PPT, TXT
Language	English, Simple Chinese
Operating system	iOS, Android, Windows

Chapter 2 Hardware Installation
2.1   How to Install the WeC1029

After you unpack the box, please make sure all the components are completed.

Follow the below setup to setup the WeC1029:
1. For firstly usage, put the slider switch to "PWR OFF". Connect the micro USB power cord to the WeC1029 micro USB port for charging .
2. Connect the AC/DC adapter to the wall or power extension cord.
3. After charging fully, put the slider switch to "PWR ON". Searching a SSID "**ES-XXXXXX** "from your smartphone or iPone/iPad and starting to enjoy your WeC1029.

Please use a qualify 5V power adapter for charging the WeC1029.
(IMPORTANT: Use of a different power adapter could damage the WeC1029.)
Whenever charging WeC1029, make sure the slider switch to "PWR OFF" position.

2.2 LED Indicator and Port Description
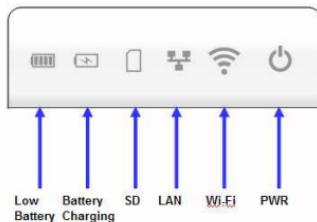
LED indicators description on front panel

NO	LED	Indication
1	PWR(Red)	WeC1029 is power on
2	WI-FI(Green)	WiFi is ready
3	LAN(Green)	An Ethernet cable is connected into RJ45(7)port
4	SD(Green)	SD(4)/micro SD(5) is inserted to the slot
5	Battery Charging (Red/Green)	Red: Battery is charging Green: Battery is fully charge
6	Low Battery (Red)	ON: Low battery alerting

2.3   Reset(6) Press and Hold the button

<=2s: Reboot
>=10s: Reload the factory default and reboot system

Chapter 3 Wireless Firmware Setup

This chapter is to describe how to configure WeC1029 to setup different modes: Wireless Router and WiFi Repeater mode. Each mode has AP capability.

Operation Mode:

➢ **Router(Gateway):**

In this mode, WeC1029 is supposed to connect to internet with a ADSL/Cable modem. A RJ45 cable from WAN such as ADSL/Cable modem to WeC1029's RJ45 port and WeC1029 supports DCHP, Static IP and PPPoE.

➢ **WiFi Repeater:**

In this mode,WeC1029 can be bridged together to another existed Gateway/Router through WiFi interface.

Router Mode

WIFI Repeater Mode

3.1 Default Configuration

IP address	10.10.1.1
Subnet mask	255.255.255.0
Username	
Password	
Operation Mode	Gateway
DHCP	On
SSID	ES-XXXXXX
Channel	Auto
Security	Off

3.2 Configure WeC1029

1. Power up to WeC1029. Make sure the WiFi LED flash before connecting to the WeC1029
2. Turn on WiFi of your smart phone and find the SSID of WeC1029.
   Default SSID of WeC1029 is "ES-XXXXXX".
3. Open any Browser
4. Enter: http://10.10.1.1

There are two modes for Internet access (Router/WiFi Repeater) as below.
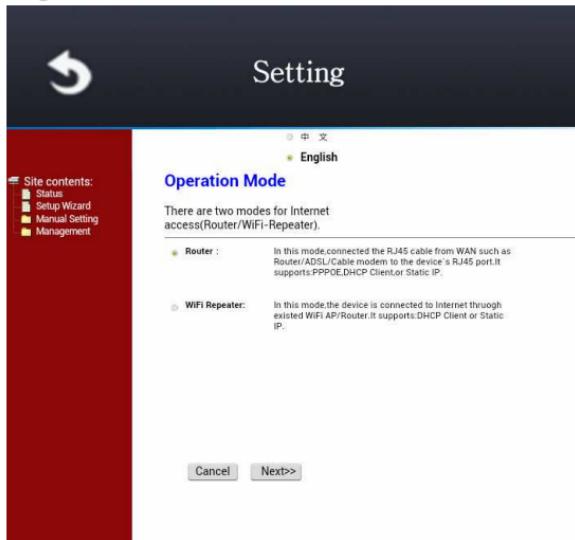
3.2.1 **Status**

This page is to give general information of the WeC1029.

3.2.2 **Setup Wizard**

The **Setup Wizard** will guide you step by step thru the setting. Follow the Setup Wizard instruction and select the options. There are 2 options: **Router** (default) and **WiFi Repeater**.
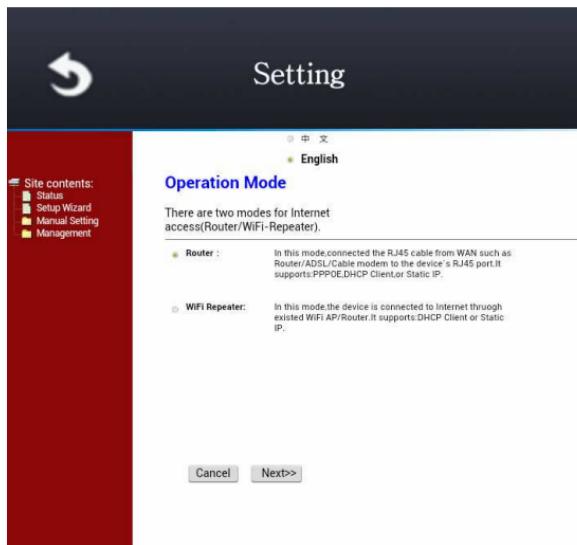
Router: The WiFi data will be routed to RJ45 Ethernet cable. **[Default Mode]**

WiFi Repeater: The WiFi data will be routed to WAN (or another existed WiFi Router/Gateway) thru WiFi. It can also be used as a WiFi extend range.

Note: At this mode the RJ45 is served as LAN

3.2.2.1 **Setup Wizard – Router**

✓ Connect the RJ45 (Ethernet cable) from the Gateway/Router to the WeC1029's RJ45 Port.

✓ Turn on WiFi of your smart phone and find the SSID of WeC1029.

Default SSID of WeC1029 is "ES-XXXXXX".

✓ Open any browser and enter: 10.10.1.1
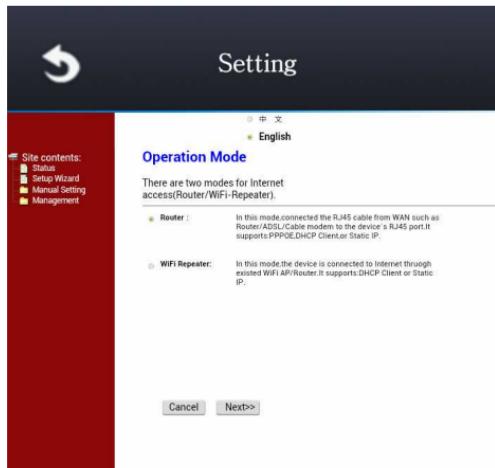
➢ **Select Router:**
➢ **Click Next**

There are three WAN access types and you can select one of them depend on your WAN network.
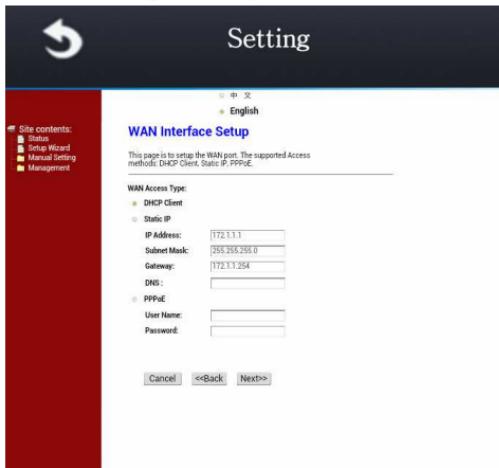
o   DHCP Client [Default] recommended.
o   Static IP
o   PPPoE (Most of the home ADSL modem is using PPPoE).   If PPPoE is selected, than an username and password must be enter.   The username and password can be obtained from the ADSL's provider.
➢   Click Next

You can input a SSID of WeCl029 and give a
encryption to WeC1029 as below. WPA2 (AES)
is recommended and input a key what you want.
None is free encryption and it is unsafe network.

➢ Click Next

Please wait until appear a screen which count down 20seconds.

Below screen is counting down. **After count down finished, you should re-connect your WeC1029 through your smart phone.**
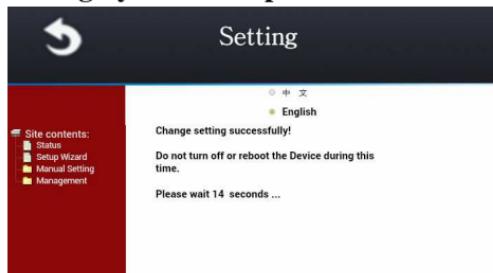
3.2.2.1 **Setup Wizard – WIFI Repeater**

✓ Turn on WiFi of your smart phone and find the SSID of WeC1029.

Default SSID of WeC1029 is "ES-XXXXXX".

✓ Open any browser and enter: 10.10.1.1
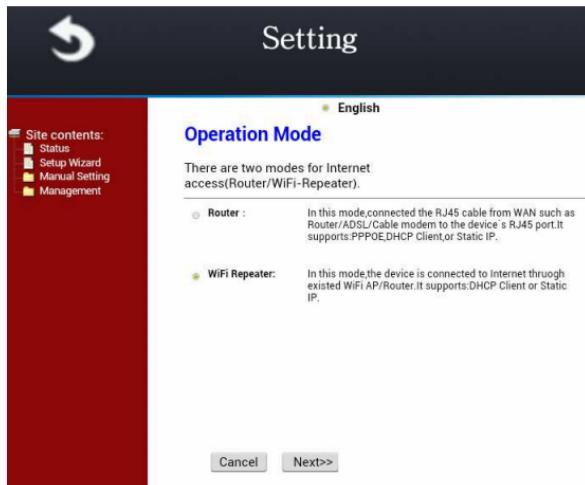
➢ **Select WiFi Repeater**
➢ **Click Next**

There are two WAN access type and you can select one of them depend on your WAN network. DHCP is recommended in WiFi Repeater mode.

➢ Click Next

You can input a SSID of WeCl029 and give a encryption to WeC1029 as below. WPA2 (AES) is recommended and input a key what you want. None is free encryption and it is unsafe network.

➢ Click Next

You should find your WiFi router existed at home as below and select the SSID which your existed WiFi router . For example, select "SZ_Evan".
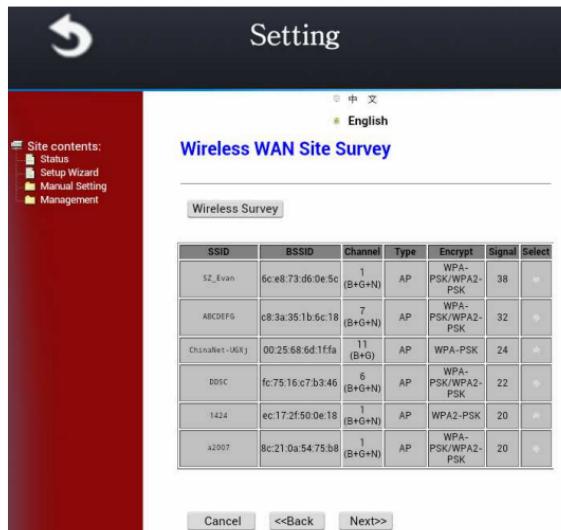
> ➤ Click Next

If you have a encryption for your existed WiFi router, you should input a key to pass.

➢   Click Finished

Please wait until appear a screen which count down 20seconds.

Below screen is counting down. **After count down finished, you should re-connect your WeC1029 through your smart phone.**
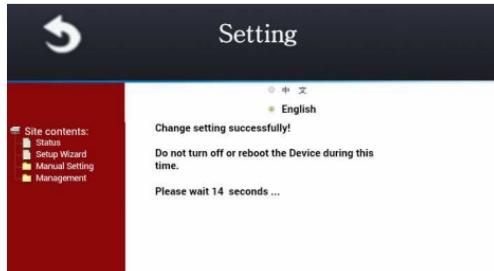
Note：you can go to "**Setting"** again and click

"**Status**" to review the status of WeC1029 as below.

DCHP is enable and it is successful that got a

dynamic IP address from your WiFi router existed.

If WeC1029 can not get a dynamic IP address ,

please wait about 20~40 seconds or check   setting

of WiFi Repeater again.
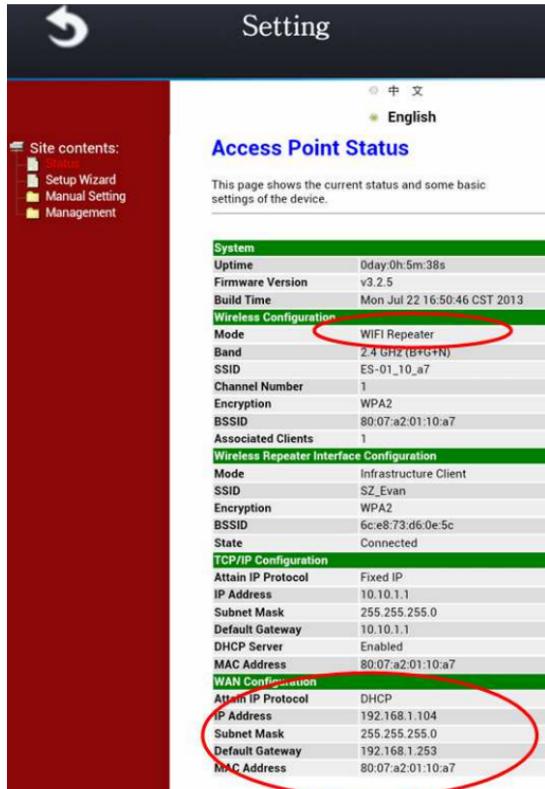
3.3 Manual Setting WeC1029

This section shows setting of each individual item manually.

3.3.1 Manual Setting – SSID Setting

➤ **SSID:** Enter a new preferred SSID
➤ **Encryption:** Select an encryption method. Suggest: WPA2(AES)
➤ **Pre-Shared Key Format:** Select Passphrase [suggest]
➤ **Pre-Shared Key:** Enter any combination characters or word that it won't easily forget.
➤ Click **Finished**

3.3.1　Manual Setting　–　Site Survey

3.3.1   Manual Setting   –   LAN Interface

This section show how to alter the TCP/IP.

NOTE: DON'T ALTERNATE ANY VALUE. IF YOU ARE NOT FAMILIAR WITH THE SETTING. SETTING THE WRONG VALUE, MAY CAUSE THE DEVICE FAIL TO OPERATE.
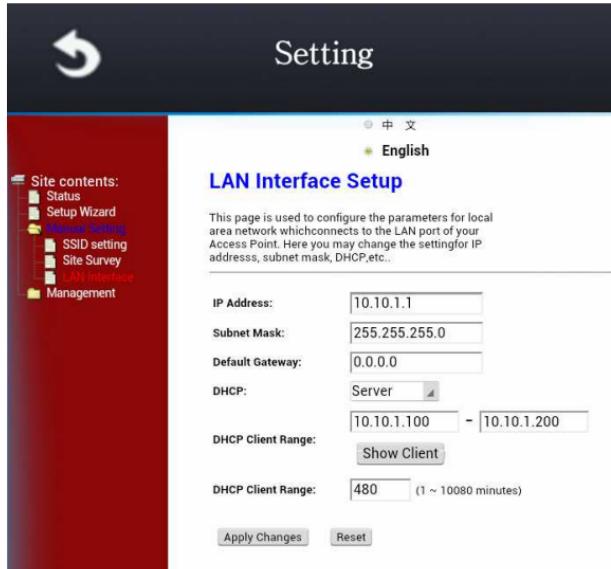
> ➤ **IP Address:** 10.10.1.1[Default].
> ➤ **Subnet Mask:** 255.255.255.0 [Default].   This field is depending on the IP Address value.
> ➤ **Default Gateway:** 10.10.1.1[Default].   It should be the same as IP Addres.
> ➤ **DHCP:**   Server[Default].   It will generate IP Address.   If select Client, than the device won't generate IP Address
> ➤ **DHCP Client Range:** The range of IP address

which are generate by DHCP server.
- ➢ DHCP Client Range: 480[Default].   The IP leasing time.
- ➢ Click **Apply Changes** to save the setting.

3.4   **Management**

This section describe how to maintenance the
WeC1029 Firmware.

3.4.1   Management – Upgrade Firmware
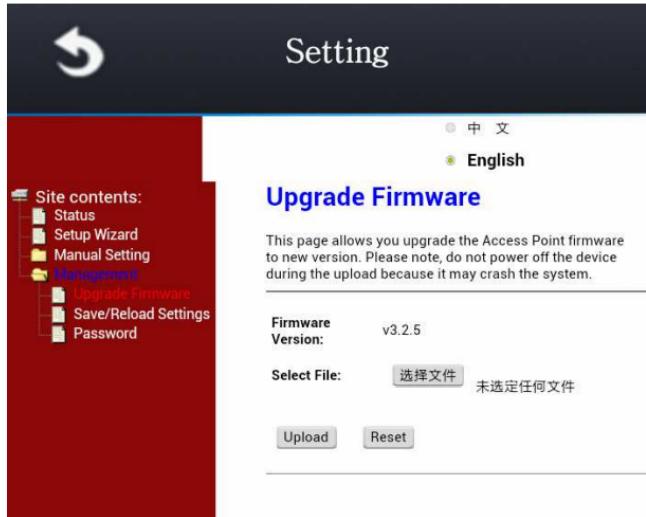
➢ **Firmware Version:** Record down the firmware
version before you upgrade to a new version.
➢ **Select File:**   Click Upload Box to select the
Firmware to upgrade.
➢ **Upload:** After computer successfully load the
file, click **Upload** button
➢ The WeC1029 will reboot itself after
successfully upgrade the firmware.
NOTE: DON'T TURN OFF THE POWER DURING THE
UPLOAD FIRMWARE. FAILURE TO DO WILL
DAMAGE THE WeC1029.

3.4.2 **Management – Save/Reload Settings**
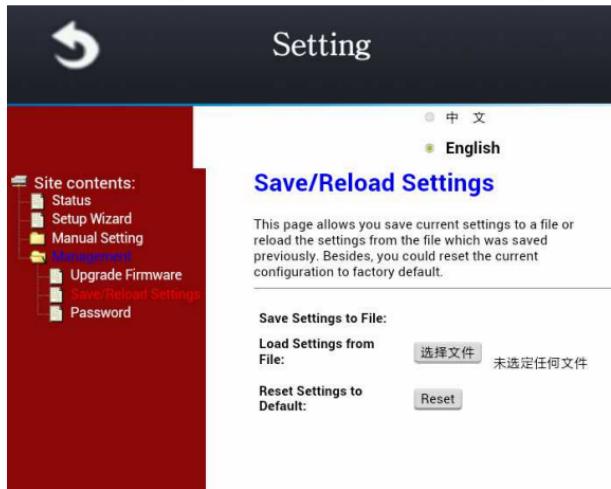
- ➤ **Save Settings to File:** The configuration can be saved into a file and save in current computer.
- ➤ **Load Settings from File:** A previous saved configuration file can be loaded back.
- ➤ **Reset Settings to Default:** Click **Reset** to load the manufacture default setting value.
- ➤ The WeC1029 will reboot itself after successfully upgrade/change.

3.4.3 Management – Password Setup

This section describe how to apply password to protect the configuration of "Setting".

> ➢ **User Name:** Enter any preferable name or word. NOTE: YOU SHOULD WRITE DOWN AND KEEP IN A SAVE PLACE. WE ARE NOT ABLE TO RECOVER THE USER NAME IF YOU FORGET OR LOST IT.
> ➢ **New Password:** Enter any preferable name or word. NOTE: YOU SHOULD WRITE DOWN AND KEEP IN A SAVE PLACE. WE ARE NOT ABLE TO RECOVER THE PASSWORD IF YOU FORGET OR LOST IT.
> ➢ **Confirmed Password: Enter the same password as above**
> ➢ Click **Apply Changes**

Chapter 4 Using WeCloud Software

4.1 Using WeCloud APP/APK

This software can be downloaded from GooglePlay or App store. WeCloud is a user friendly file manager software for iOS and Andriod system.

Chapter 5 Using Browser

This Chapter is to guide you how to use a browser from any device(s) to view, delete, upload file and play multimedia on smart phones, PC and MAC.

5.1 Connect to WiFi Router/Gateway

Follow the device WiFi connection instruction to connect to the WeC1029. Once the WiFi connection is link. Follow the instruction on next section.

5.2 Bring up Browser

➢ Bring up a browser. IE,Chrome and Safari is recommended.
➢ Type: 10.10.1.1
➢ The browser will show available storage devices connected

5.3 View, Upload, and Delete File

This section is to guide how to use a browser to view, delete, and upload file.

➢ **Delete:** Select a file you want to delete and press the delete from keyboard
➢ Upload File:
   ✓ Click **Select a File to Upload.**
   ✓ Select a file
   ✓ Click **UPLOAD** button
➢ **Play MultiMedia file:** Double Click the multi-media file you want to play.

Chapter 6   Q & A

Q: WiFi does not stable.

A: Check the power supply.   Make sure the AC adapter be able to provide stable 5V/1A.   If the battery is used, than make sure the battery has enough power.

FCC Caution.

§ 15.19 Labelling requirements.
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.

§ 15.21 Changes or modification warning
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to the user.
Note: 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 theequipment 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.

*RF warning for Mobile device:
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.