

**MK802 III S MINI PC FOR ANDROID™**

# **USERS GUIDE**

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## **Declaration**

The user manual includes all the information of safe and correct operation instruction. To avoid accident and product damaged, please make sure go through all the content carefully before using the product.

Please keep the product away from high temperature, humid and dusty environment.

Do not drop or crash the product.

Do not cut off the device when it is formatting, or upgrading, otherwise it will cause operation system error.

Do not dismantle the device. Do not clean it by alcohol, thinner and Benzene.

We keep the right to upgrade and modify the product.

## **Disclaimer**

We only take the responsibility to provide the warranty and after service. The users have to take care of their data in the device by themselves. We do not responsible for any data or related lost. The product is not water-proof. All the pictures in the instruction are just for reference.

## Connector



1 = HDMI  
High Definition Multimedia Interface Output

2 = USB 2.0 Host  
Connect with other USB device

3 = USB Power  
Connect with TV USB port for charge the unit

4 = USB OTG  
Data transfer with PC, or connect USB device

5 = T-Flash  
Support expanded 2GB-32GB TF card

## Device connection Instruction

Take out the device insert into your TV HDMI port (if there is no enough space around HDMI interface for MK802III, please use HDMI adapter connect), setup the TV data receive mode to HDMI port (Refer to TV set user manual).

Power supply connection: take out Micro USB cable, connect it with the players Micro USB2 port, then connect USB2 with TVs USB port (notice: if there is no USB2.0 port in your TV or you need connect external HDD box, please connect power adapter directly)

This product suggest using 2.4G wireless keyboard or mouse. Plug 2.4G receiver on USB Host connector. Or plug on USB OTG port by port converter. If only mouse plugged, the device will provide soft keyboard in operation system. If the device detected the physical keyboard, the soft keyboard will be hidden by OS automatically.

Mouse left button for **ok**, right button for **return**, rolling for page up and page down, Hold left button to pull icon or copy & paste file. Hold middle button for Properties.

## Boot state

After connect with power adapter for about 10 seconds, the boot screen would appear. Then access to Rikomagic boot logo, for about 30 seconds, device would access to main screen.

## Main Screen Introduction



1 = Move/Delete desktop icon

Long-press any icon in the main interface, you could put it in any position as you like, at the same time you could put the other apps shortcut to the main interface. Long press the icon and move it to the right above  $\times$  and loosen, then you could delete it.

Move your cursor to any space and drag towards left or right for page rolling.

Also you can use the mouse wheel for rolling page.

2 = Program tools button

Located in the right top corner of the desktop,  
click on the icon can see installed apps software;

3 = Status bar

Shows the status of T-Flash Card, USB connection, Time, Wifi and Download...and so on.  
Click status bar, the hide menu would bound up.

4 = Program options

5 = Hide status bar

6 = Shutdown

7 = Volume increase button: click to increase volume

8 = Volume decrease button: click to decrease volume

9 = Program button: click to check all the running program

10 = Homepage button: click it anytime to return to homepage

11 = Return button: click to return to the upper level directory

## Settings

### Wi-Fi

When opened WIFI Player would search available wireless router signals within 20 meters, user just choose a router and input correct password then could browse internet; if the router without password, player would connect it directly.

### Ethernet Setting

If there is no wireless and have to use cable to access internet. But first, you should buy a USB2.0 LAN Adapter and plug it on USB Host or OTG ports. We recommend the rikomagic RE800 Ethernet Adapter.

Notice:

The USB2.0 LAN Adapter supported is limited, please reference related type. Connect RJ45 LAN Cable, click **Setting** → **More** → **Ethernet** → tick **Use Ethernet**

### PPPOE Setting

If your family or office network need dial-up, then click PPPoE Settings and input account and password.

Connect RJ45 LAN cable, click **Setting** → **More** → **PPPOE Settings** → input account and password.

### USB

This function user could exchange data between player and computer.

Equipment connection: Use Micro USB to USB connect computer and Player, then connect the player and TV with HDMI cable.

Settings:

After device access to the main screen click **Settings** → **USB** → **Connect to PC** press **confirm**. After the device go to USB mode, press Turn on USB storage. Now your computer could find the device, after 5 seconds you could operate freely.

### Sound

This is for Sound settings

Volume: Click to setup volume level for music, video and games or other media

Touch sounds: Click to open or close Touch sounds

Screen lock sound: Click to open or close screen lock sound

### Display

Font size: Click to setup system font size according to their preference

### Screen

This is for Screen settings:

Screen Scale: Used to adjust the part of the game screen size

Output Interface: Default HDMI

HDMI mode: User could set appropriate output resolution according to their television

## **Storage**

In this option, user could view local storage space and external storage space, besides, user could uninstall or format storage equipment.

Notice: System divided the whole storage into seven area, only two areas visible, the other five areas are taken up by Android system not visible. All the free space are the two visible areas[0.98GB INTERNAL STORAGE + 1.60GB NAND FLASH=2.58GB]

## **Apps**

In this option, user could view installed and running apps, at same time could check DDR parameters.

## **Security**

User can set password according to their needs

## **Language & input**

User can set the language for system menus according to their Country or preference [60 languages supported]. System default support Chinese and English, user need manual installing other input methods. User could set keyboard and mouse cursor speed and simulated mouse step length at here.

## **Backup & reset**

Backup: when you have very important files or apps, you'd better choose backup in case files lost.

Reset: when choose this option, and confirm, system will erase user's settings and all the apps missing, and apply default configuration immediately [Not suggest]

## **Date & time**

Because the machine don't support built-in battery, so manual set date and time can't be saved, user can use automatic date & time, so when the device connected with internet, date and time would update automatically

## **Developer options**

USB debugging: when connected with PC exchange data need open this option

## **About device**

This option show current system information display



## **Browse/Copy Files**

Open Explorer on the desktop

Internal Flash: Device internal storage space

SD Card: When insert TF card, fronts brighten

USB: When plug-in USB device [HDD, U-disk], fronts brighten

Network Places: In the same LAN, could access to other computer

File Copy

In the Explorer long-press a file or folder will pop-up a menu, including: Copy, Delete, Move, Paste, Rename options, if not execute operation, could directly click cancel.

## **Install/Uninstall Apps**

MK802III support many commonly used third-party apps. You could install or uninstall apps freely, there are two methods available install Apps

### **Online installation**

User could login built-in Google Play store download Apps [User need have an Google Mail account], user also could login Android market download Apps or other market. After download system would prompt you install the Apps.

### **Local installation**

User also could download Apps from computer, then copy to U disk or TF card, insert the U disk or TF card to your device, then install from APKInstall or access to Explore find out the Apps then install.

### **Uninstall Apps**

Click Settings → Apps, click an Apps you want to Uninstall, it would pop up a Uninstall window, then click Uninstall. If you don't want to uninstall just exit.

## **Airplay/DLNA**

Airplay:

By Airplay function, you can take iPhone, iPad music, video and images through wireless transmission to the MK802 III equipment, and finally appear in the big screen.

DLNA:

DLNA can through the specific applications let you share music, video and images with smart cell phones and tablet PC.

There are many Apps could realize DLNA function, such as Air Play Free, Air Play DMR, Google TV Remote, Media Remote, iMedia Share Lite, SoftMedia Player Tridl and so on.

## **Local audio & video playback**

User can through file manager browse external TF card, USB flash drive and HDD box and playback the inside music, video, picture and files.

## **Use soft keyboard**

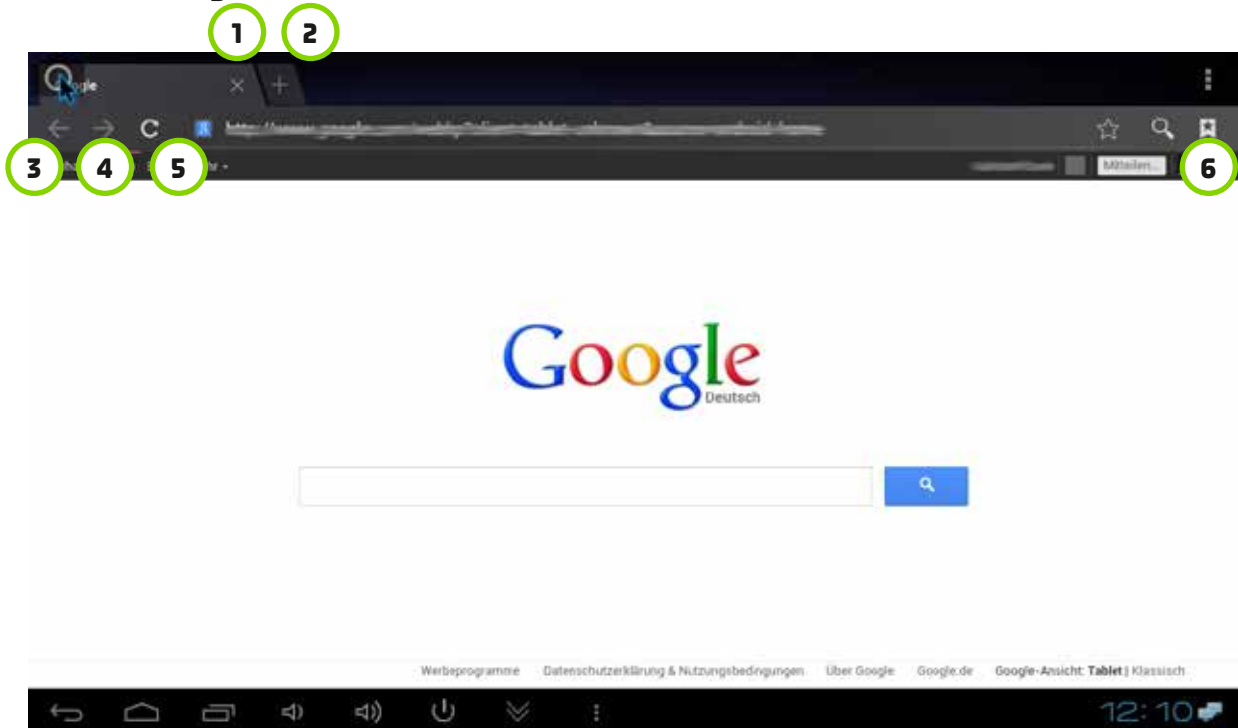
The equipment support if only connected mouse, it would appear soft keyboard, if the equipment detected you have inserted into physical keyboard, the soft keyboard will be hidden.

## Bluetooth

Bluetooth is a near distance wireless communication technology. Device could exchange information within 10 meters and don't need to use physical connections. Some equipment without testing or without Bluetooth SIG examination and approval, may not compatible with MK802IIIS.

Open Bluetooth settings → Scan and search equipment → select a device, input Bluetooth wireless password (if required) then confirm. If the password correct, then complete the Bluetooth pairing. Some equipment, for example, Bluetooth headset may have a fixed password (like 000), then you must input corresponding password.

## Web Browsing



When connected Internet, you could use the following android built-in browser, or install other browser

1 = add new webpage

2 = lose opened webpage

3 = back

4 = forward

5 = refresh

6 = Favorites

## Use Android™ Smartphone/Tablet to control rikomagic MK802 III (without Wi-Fi)

1. Access Setting → more → portable hotspot, select portable wifi hotspot
2. Set up wifi hotspot → system will create a password automatically, select show password to find the password and write down
3. Back to your smart phone, find Setting → wifi → find android AP , input password and connected.
4. Install the APK, which you can get from our Database or in the Board [APK name is “RKRemoteControl V1.1.0.apk”] into your Smartphone or Tablet first, then access this apk to find “rikomagic”, then you can control the unit by Android™ Smartphone or Tablet

## Use Android™ Smartphone/Tablet to control rikomagic MK802 III (with Wi-Fi)

1. Firstly, your Android™ Smartphone/Tablet and rikomagic MK802 III must be in the same network.
2. Open eHomeMediaCenter in rikomagic MK802 III, then click Settings to modify device name for better Recognition. For Exaple: rikomagic
3. Install the APK, which you can get from our Database or in the Board [APK name is “RKRemoteControl V1.1.0.apk”] into your Smartphone or Tablet first
4. Access this apk to find rikomagic, then you can control the unit by Android™ Smartphone or Tablet

### Note:

*As your device is equipped with a G-Sensor, you can control the Motion games by movements with the Smartphone or Tablet?*

## Question & Answer

Screen flicker or unstable working

please check if the HDMI cable has been connected tightly.

Cannot start device

please download FW file from Rikomagic official website:

[www.rikomagic.de](http://www.rikomagic.de) / [www.rikomagic-forum.de](http://www.rikomagic-forum.de) to refresh the device FW.

Make sure all the important data has been backup before process it.

If the issue still cannot be solved, please contact the distributor which you bought from.

Keep restarting system automatically

please check if the device get enough power supply. Sometimes, external HDD cause power shortage. Please plug additional power supply for external HDD or other external devices.

Cannot find file in SD card or open drive

Please check all the connection of the device and make sure you have tick of SD and USB Host in “Setting”

## Specifications

Operating System	Android™ 4.1 [Jelly Bean]
CPU	Dual Core up to 1.6 GHz Cortex-A9
GPU	Quad Core 2D/3D/OpenGL ES2.0 [AMD Z430]/Open VG1.1
Memory	8 GB [2 GB for OS, 6 GB free space]
Video Format	play various formats
Music	play various formats
Picture	play various formats
Picture format	max. 8000 × 8000
RAM	1024MB DDR3 RAM
Expand Micro SD	T-Flash [Maximum support 32GB]
Network	WiFi 802.11 b/g/n – WAPI [Ralink 8188]
Bluetooth	Suit for V1.0 to V3.0
Resolution	up to 1080p
Ports	HDMI [male], Micro SD slot, USB host × 2, USB power port
HTML / Flash 11	supported
Languages	60 languages supported [German, English, Polish, Greek, Italian ...]
Size	90 × 40 × 13 mm

## **Principal office and distribution**

Satkontor GmbH  
Hans-Böckler-Straße 55  
58638 Iserlohn  
Germany

## **Dealer inquiries**

E-Mail: [reseller@satkontor.de](mailto:reseller@satkontor.de)

## **Technical support**

E-Mail: [support@satkontor.de](mailto:support@satkontor.de)

## **Other informations**

Webpage	<a href="http://www.rikomagic.de">www.rikomagic.de</a>
Support-Forum	<a href="http://www.rikomagic-forum.de">www.rikomagic-forum.de</a>
Software-Support	<a href="http://www.rikomagic-forum.de">www.rikomagic-forum.de</a>
Online shop	<a href="http://www.rikomagic-shop.de">www.rikomagic-shop.de</a>