

USER MANUAL

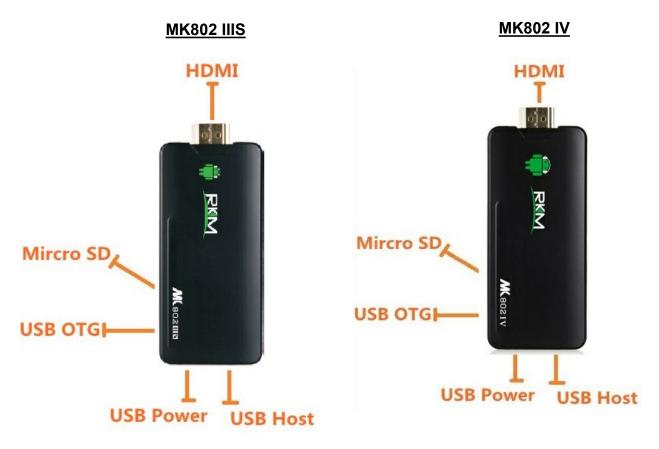
Table of Contents

2. Device connection Instruction 3 4. Main Screen Introduction 5 4.1 Move/Delete desktop icon 5 4.2 Function column 6 4.3 Status bar 7 4.4 Application 8 5. Settings 9 5.1 WIFI Setting 9 5.2 Ethernet Setting 9 5.3 Portable host pot 10 5.4 Bluetooth (not available for MK802 IIIS/4G) 10 5.6 USB 100 5.6 USB 100 5.7 Sound 11 5.8 Display 11 5.10 Storage 11 5.11 Apps 12 5.12 Secretiny 12 5.13 Date & time 12 5.14 Backup & reset 12 5.15 Date & time 12 5.17 About device 12 6.10 Eveloper options 13	1. Connector	
4.1 Move/Delete desktop icon 5 4.2 Function column 6 4.3 Status bar 7 4.4 Application 8 5. Settings 9 5.1 WIFI Setting 9 5.2 Ethernet Setting 9 5.3 Portable host pot. 10 5.4 Bluetooth (not available for MK802 IIIS/4G) 10 5.5 PPPOE Setting 10 5.6 USB 10 5.7 Sound 11 5.8 Display 11 5.10 Storage 11 5.11 Apps 12 5.12 Security 12 5.13 Language & input 12 5.14 Backup & reset 12 5.15 Date & time 12 5.16 Developer options 12 5.17 About device 12 6. Browse /Copy Files 12 7. Install/Uninstall Apps 13 7.1 Online installation 13 7.2 Local installation 13 7.3 Uninstall Apps 14 9. DLNA 14 9. UNUE-screen interaction 14 9. Wulti-screen interaction <td>2. Device connection Instruction</td> <td></td>	2. Device connection Instruction	
4.2 Function column. 6 4.3 Status bar. 7 4.4 Application. 8 5. Settings. 9 5.1 WiFI Setting. 9 5.2 Ethernet Setting. 9 5.3 Portable host pot. 10 5.4 Bluetooth (not available for MK802 IIIS/4G) 10 5.5 PPPO Esetting. 10 5.6 USB 10 5.7 Sound. 11 5.8 Display. 11 5.9 Screen. 11 5.10 Storage. 12 5.12 Security. 12 5.13 Language & input. 12 5.15 Date & time. 12 5.16 Developer options. 12 5.17 About device. 12 6. Browse /Copy Files. 12 7.1 Online installation. 13 7.2 Local installation. 13 7.3 Uninstall Apps. 14 9. With-screen interaction. 14 10. Web Browsing. 16 11. Local audio & video playback. 16 12. Use virtual keyboard. 17 13. Switch input methods. 17 <td>4. Main Screen Introduction</td> <td>5</td>	4. Main Screen Introduction	5
4.3 Status bar 7 4.4 Application 8 5. Settings 9 5.1 WIFI Setting 9 5.2 Ethernet Setting 9 5.2 Ethernet Setting 10 5.4 Bluetooth (not available for MK802 IIIS/4G) 10 5.5 PPPOE Setting 10 5.6 USB 10 5.7 Sound 11 5.8 Display 11 5.9 Screen 11 5.10 Storage 11 5.11 Apps 12 5.12 Security 12 5.13 Language & input. 12 5.16 Developer options 12 5.17 About device 12 5.16 Developer options 12 5.17 About device 12 5.16 Developer options 12 5.17 About device 12 6. Browse /Copy Files 12 7.1 Unine install Apps 13 7.2 Local installation 13 7.3 Uninstall Apps 14 9. Multi-screen interaction 14 10. Web Browsing 16 11. Local audio & video playback	4.1 Move/Delete desktop icon	
4.4 Application 8 5. Settings 9 5.1 WIFI Setting 9 5.2 Ethernet Setting 9 5.3 Portable host pot 10 5.4 Bluetooth (not available for MK802 IIIS/4G) 10 5.5 PPPOE Setting 10 5.6 USB 10 5.7 Sound 11 5.8 Display 11 5.9 Screen 11 5.10 Storage 11 5.11 Apps 12 5.12 Security 12 5.13 Language & input 12 5.14 Backup & reset 12 5.15 Date & time 12 5.16 Developer options 12 5.17 About device 12 6. Browse /Copy Files 12 7. Install/Uninstall Apps 13 7.3 Uninstall Apps 14 8. DLNA 14 9. Wult-screen interaction 14 10. Web Browsing 16 11. Local audio & video playback 16 12. Use virtual keyboard 17 13. Switch input methods 17	4.2 Function column	6
5. Settings. 9 5.1 WIFI Setting. 9 5.2 Ethernet Setting. 9 5.3 Portable host pot. 10 5.4 Bluetooth (not available for MK802 IIIS/4G). 10 5.5 PPPOE Setting. 10 5.6 USB 10 5.7 Sound. 11 5.8 Display. 11 5.9 Screen. 11 5.10 Storage. 12 5.12 Security. 12 5.13 Language & input. 12 5.14 Backup & reset. 12 5.15 Date & time. 12 5.16 Developer options. 12 5.17 About device. 12 6. Browse /Copy Files. 12 7. Install/Uninstall Apps. 13 7.1 Online installation. 13 7.2 Local installation. 13 7.3 Uninstall Apps. 14 9. Multi-screen interaction. 14 10. Web Browsing. 16 11. Local audio & video playback. 16 12. Use virtual keyboard. 17 13. Switch input methods. 17	4.3 Status bar	7
5.1 WIFI Setting. 9 5.2 Ethernet Setting. 9 5.3 Portable host pot 10 5.4 Bluetooth (not available for MK802 IIIS/4G) 10 5.5 PPPOE Setting. 10 5.6 USB 10 5.7 Sound. 11 5.8 Display. 11 5.9 Screen. 11 5.10 Storage. 11 5.13 Language & input. 12 5.14 Backup & reset. 12 5.15 Date & time. 12 5.16 Developer options. 12 5.17 About device. 12 6. Browse /Copy Files. 12 7. Install/Uninstall Apps. 13 7.2 Local installation. 13 7.3 Uninstall Apps. 14 8. DLNA. 14 9. Multi-screen interaction. 14 10. Web Browsing. 16 11. Local audio & video playback. 16 12. Use virtual keyboard. 17	4.4 Application	
5.2 Ethernet Setting 9 5.3 Portable host pot 10 5.4 Bluetooth (not available for MK802 IIIS/4G) 10 5.5 PPPOE Setting 10 5.6 USB 10 5.7 Sound 11 5.8 Display 11 5.9 Screen 11 5.10 Storage 11 5.11 Apps 12 5.12 Security 12 5.13 Language & input 12 5.14 Backup & reset 12 5.15 Date & time 12 5.16 Developer options 12 5.17 About device 12 6. Browse /Copy Files 12 7. Install/Uninstall Apps 13 7.1 Online installation 13 7.2 Local installation 13 7.3 Uninstall Apps 14 8. DLNA 14 9. Multi-screen interaction 16 10. Web Browsing 16 11. Local audio & video playback 16 12. Use virtual keyboard 17 13. Switch input methods 17	5. Settings	
5.3 Portable host pot. 10 5.4 Bluetooth (not available for MK802 IIIS/4G) 10 5.5 PPPOE Setting. 10 5.6 USB 10 5.7 Sound 11 5.8 Display. 11 5.9 Screen. 11 5.10 Storage. 11 5.11 Apps. 12 5.12 Security. 12 5.13 Language & input. 12 5.14 Backup & reset. 12 5.15 Date & time. 12 5.16 Developer options. 12 5.17 About device. 12 6. Browse /Copy Files. 12 7. Install/Uninstall Apps. 13 7.1 Online installation. 13 7.2 Local installation. 13 7.3 Unistall Apps. 14 8. DLNA. 14 9. Multi-screen interaction. 14 10. Web Browsing. 16 11. Local audio & video playback. 16 12. Use virtual keyboard. 17 13. Switch input methods. 17	5.1 WIFI Setting	9
5.4 Bluetooth (not available for MK802 IIIS/4G) 10 5.5 PPPOE Setting 10 5.6 USB 10 5.7 Sound 11 5.8 Display 11 5.9 Screen 11 5.10 Storage 11 5.11 Apps 12 5.12 Security 12 5.13 Language & input 12 5.14 Backup & reset 12 5.15 Date & time 12 5.16 Developer options 12 5.17 About device 12 6. Browse /Copy Files 12 7. Install/Uninstall Apps 13 7.1 Online installation 13 7.2 Local installation 13 7.3 Uninstall Apps 14 9. Multi-screen interaction 14 10. Web Browsing 16 11. Local audio & video playback 16 12. Use virtual keyboard 17 13. Switch input methods 17	5.2 Ethernet Setting	9
5.5 PPOE Setting. 10 5.6 USB 10 5.7 Sound. 11 5.8 Display. 11 5.9 Screen. 11 5.10 Storage. 11 5.11 Apps. 12 5.12 Security. 12 5.13 Language & input. 12 5.14 Backup & reset. 12 5.15 Date & time. 12 5.16 Developer options. 12 5.17 About device. 12 6. Browse /Copy Files. 12 7. Install/Uninstall Apps. 13 7.1 Online installation 13 7.2 Local installation 13 7.3 Uninstall Apps. 14 8. DLNA. 14 9. Multi-screen interaction. 14 10. Web Browsing. 16 11. Local audio & video playback. 16 12. Use virtual keyboard. 17 13. Switch input methods. 17	5.3 Portable host pot	
5.6 USB 10 5.7 Sound 11 5.8 Display 11 5.8 Display 11 5.9 Screen 11 5.10 Storage 11 5.11 Apps 12 5.12 Security 12 5.13 Language & input 12 5.14 Backup & reset 12 5.15 Date & time 12 5.16 Developer options 12 5.17 About device 12 6. Browse /Copy Files 12 7. Install/Uninstall Apps 13 7.1 Online installation 13 7.2 Local installation 13 7.3 Uninstall Apps 14 9. Multi-screen interaction 14 10. Web Browsing 16 11. Local audio & video playback 16 12. Use virtual keyboard 17 13. Switch input methods 17	5.4 Bluetooth (not available for MK802 IIIS/4G)	10
5.7 Sound 11 5.8 Display. 11 5.9 Screen. 11 5.10 Storage. 11 5.11 Apps. 12 5.12 Security. 12 5.13 Language & input. 12 5.14 Backup & reset. 12 5.15 Date & time. 12 5.16 Developer options. 12 5.17 About device. 12 6. Browse /Copy Files. 12 7. Install/Uninstall Apps. 13 7.1 Online installation. 13 7.2 Local installation. 13 7.3 Uninstall Apps. 14 8. DLNA. 14 9. Multi-screen interaction. 14 10. Web Browsing. 16 11. Local audio & video playback. 16 12. Use virtual keyboard. 17 13. Switch input methods. 17	5.5 PPPOE Setting	
5.8 Display. 11 5.9 Screen. 11 5.10 Storage. 11 5.11 Apps. 12 5.12 Security. 12 5.13 Language & input. 12 5.14 Backup & reset. 12 5.15 Date & time. 12 5.16 Developer options. 12 5.17 About device. 12 6. Browse /Copy Files. 12 7. Install/Uninstall Apps. 13 7.1 Online installation. 13 7.2 Local installation. 13 7.3 Uninstall Apps. 14 8. DLNA. 14 9. Multi-screen interaction. 14 10. Web Browsing. 16 11. Local audio & video playback. 16 12. Use virtual keyboard. 17 13. Switch input methods. 17	5.6 USB	
5.9 Screen. 11 5.10 Storage. 11 5.11 Apps. 12 5.12 Security. 12 5.13 Language & input. 12 5.14 Backup & reset. 12 5.15 Date & time. 12 5.16 Developer options. 12 5.17 About device. 12 6. Browse /Copy Files. 12 7. Install/Uninstall Apps. 13 7.1 Online installation 13 7.2 Local installation 13 7.3 Uninstall Apps. 14 8. DLNA. 14 9. Multi-screen interaction 14 10. Web Browsing. 16 11. Local audio & video playback. 16 12. Use virtual keyboard. 17 13. Switch input methods. 17	5.7 Sound	
5.10 Storage 11 5.11 Apps 12 5.12 Security 12 5.13 Language & input 12 5.14 Backup & reset 12 5.15 Date & time 12 5.16 Developer options 12 5.17 About device 12 6. Browse /Copy Files 12 7. Install/Uninstall Apps 13 7.1 Online installation 13 7.2 Local installation 13 7.3 Uninstall Apps 14 8. DLNA 14 9. Multi-screen interaction 14 10. Web Browsing 16 11. Local audio & video playback. 16 12. Use virtual keyboard 17 13. Switch input methods. 17	5.8 Display	11
5.11 Apps. 12 5.12 Security. 12 5.13 Language & input. 12 5.14 Backup & reset. 12 5.15 Date & time 12 5.16 Developer options. 12 5.17 About device. 12 6. Browse /Copy Files. 12 7. Install/Uninstall Apps. 13 7.1 Online installation 13 7.2 Local installation 13 7.3 Uninstall Apps. 14 9. Multi-screen interaction. 14 10. Web Browsing. 16 11. Local audio & video playback. 16 12. Use virtual keyboard. 17 13. Switch input methods. 17	5.9 Screen	
5.12 Security. 12 5.13 Language & input. 12 5.14 Backup & reset. 12 5.15 Date & time. 12 5.16 Developer options. 12 5.17 About device. 12 6. Browse /Copy Files. 12 7. Install/Uninstall Apps. 13 7.1 Online installation. 13 7.2 Local installation. 13 7.3 Uninstall Apps. 14 9. Multi-screen interaction. 14 10. Web Browsing. 16 11. Local audio & video playback. 16 12. Use virtual keyboard. 17 13. Switch input methods. 17	5.10 Storage	11
5.13 Language & input. 12 5.14 Backup & reset. 12 5.15 Date & time. 12 5.16 Developer options. 12 5.17 About device. 12 6. Browse /Copy Files. 12 7. Install/Uninstall Apps. 13 7.1 Online installation. 13 7.2 Local installation. 13 7.3 Uninstall Apps. 14 8. DLNA. 14 9. Multi-screen interaction. 14 10. Web Browsing. 16 11. Local audio & video playback. 16 12. Use virtual keyboard. 17 13. Switch input methods. 17	5.11 Apps	12
5.14 Backup & reset 12 5.15 Date & time 12 5.16 Developer options 12 5.17 About device 12 6. Browse /Copy Files 12 7. Install/Uninstall Apps 13 7.1 Online installation 13 7.2 Local installation 13 7.3 Uninstall Apps 14 9. Multi-screen interaction 14 10. Web Browsing 16 11. Local audio & video playback 16 12. Use virtual keyboard 17 13. Switch input methods 17	5.12 Security	12
5.15 Date & time	5.13 Language & input	
5.16 Developer options 12 5.17 About device 12 6. Browse /Copy Files 12 7. Install/Uninstall Apps 13 7.1 Online installation 13 7.2 Local installation 13 7.3 Uninstall Apps 14 8. DLNA 14 9. Multi-screen interaction 14 10. Web Browsing 16 11. Local audio & video playback 16 12. Use virtual keyboard 17 13. Switch input methods 17	5.14 Backup & reset	
5.17 About device126. Browse /Copy Files.127. Install/Uninstall Apps.137.1 Online installation137.2 Local installation137.3 Uninstall Apps.148. DLNA149. Multi-screen interaction1410. Web Browsing.1611. Local audio & video playback.1612. Use virtual keyboard.1713. Switch input methods.17	5.15 Date & time	
6. Browse /Copy Files.127. Install/Uninstall Apps.137.1 Online installation.137.2 Local installation.137.3 Uninstall Apps.148. DLNA.149. Multi-screen interaction.1410. Web Browsing.1611. Local audio & video playback.1612. Use virtual keyboard.1713. Switch input methods.17	5.16 Developer options	
7. Install/Uninstall Apps 13 7.1 Online installation 13 7.2 Local installation 13 7.3 Uninstall Apps 14 8. DLNA 14 9. Multi-screen interaction 14 10. Web Browsing 16 11. Local audio & video playback 16 12. Use virtual keyboard 17 13. Switch input methods 17	5.17 About device	
7.1 Online installation137.2 Local installation137.3 Uninstall Apps148. DLNA149. Multi-screen interaction1410. Web Browsing1611. Local audio & video playback1612. Use virtual keyboard1713. Switch input methods17	6. Browse /Copy Files	
7.2 Local installation137.3 Uninstall Apps148. DLNA149. Multi-screen interaction1410. Web Browsing1611. Local audio & video playback1612. Use virtual keyboard1713. Switch input methods17	7. Install/Uninstall Apps	13
7.3 Uninstall Apps148. DLNA149. Multi-screen interaction1410. Web Browsing1611. Local audio & video playback1612. Use virtual keyboard1713. Switch input methods17	7.1 Online installation	13
8. DLNA.149. Multi-screen interaction.1410. Web Browsing.1611. Local audio & video playback.1612. Use virtual keyboard.1713. Switch input methods.17	7.2 Local installation	13
9. Multi-screen interaction 14 10. Web Browsing 16 11. Local audio & video playback 16 12. Use virtual keyboard 17 13. Switch input methods 17	7.3 Uninstall Apps	
10. Web Browsing.1611. Local audio & video playback.1612. Use virtual keyboard.1713. Switch input methods.17	8. DLNA	
11. Local audio & video playback	9. Multi-screen interaction	14
12. Use virtual keyboard. 17 13. Switch input methods. 17	10. Web Browsing	
13. Switch input methods	11. Local audio & video playback	16
	12. Use virtual keyboard	17
14. System recovery/undate	13. Switch input methods	
	14. System recovery/update	

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.

1. Connector



Micro-USB Power: Connect with TV USB/ USB power supply to power the device.

USB 2.0 HOST: Connect to other USB devices. (Keyboard, Mouse etc)

USB OTG: Data transfer/recovery with PC, or connect to other USB devices.

HDMI: High Definition Multimedia Interface Output

Micro SD: Supports 2GB-32GB Micro SD/TF card

2. Device connection Instruction

a) Take out the device and insert into your TV HDMI port(if there is no enough space around HDMI interface for the mini pc, please use the HDMI extension cable), make sure the source set to a HDMI input mode.(Refer to TV/Monitor user manual).

b) Power supply connection:

MK802IIIS: Take out Micro USB cable to USB cable and connect the MK802IIIS with the TV's USB port via this cable; If the TV USB port is unable to provide enough current, please use the USB power supply. (Any

USB power supply that can provide 5V/1A to 5V/2A can be used).

MK802IV: Take out the USB power supply in the box and connect it with MK802IV via micro USB port.

c) All USB Keyboards and Mice can be used however for convenience sake we recommend using a

2.4Ghz wireless keyboard and mouse. Plug the 2.4Ghz receiver into the USB Host connector. The mini pc

will recognize the input device and it will start working immediately.

3. Boot state

After powered around 10 seconds, the boot screen would appear.



Then access to boot animation.



After around 30 seconds, device would access to main screen;



4. Main Screen Introduction

4.1 Move/Delete desktop icon



Long-press any icon in the main menu, you could put it in any position as you like, at the same time you could put the other apps shortcut to the desktop.

Long press the icon and move it to the right above "x" 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.

4.2 Function column

	¢	\Box	Ē	口))	⊂)))	\odot	\geq
Ĵ	Return buttor	n: click to returr	n to previou	s directory;			
	Homepage bu	utton: click it ar	nytime to ref	turn to mair	n menu;		
	Program butto	on: Click to che	eck all the ru	unning prog	ıram;		
	Volume decre	ease button: Cl	ick to decre	ase volume	;		
⊂]))	Volume increa	ase button: Clio	ck to increas	se volume;			
i	Properties bu properties bu	tton: in differer utton;	it apps, it sh	nows differe	ent contents.	It's equiva	lent to Windov
\bigcirc	Soft turn off b	outton.					
\geq	Hide icon: clic	ck for hide this	function bai	r.			
Q		n: Located in th can input any	-		main menu,	click this id	con to pop up



Program tools button: Located in the right top corner of the desktop, click this icon to pop up all the apps which has been installed.

4.3 Status bar

Located on the right bottom, display T-Flash Card, USB connection, Time, Wifi and Download status.



Click status bar, the hide menu will pop up:

Thursday August 2, 2012	7.5Q
ugust 2, 2012 🥤	-00 #
♀ usb is mounte usb is mounted	d

4.4 Application

Click to pop up all the installed app and setup tools icon.

	APPS	WIDGETS				ы внор	100	6
				132	\bigcirc			
	Apkinstaller	Browser	Calculator	Calendar	Chrome	Clock		
						N		
	Downloads	eHomeMed	Email	Explorer	Gallery	Gmail		
	\bigcirc			0 0 0	talk			
	Music	Play Store	Search	Settings	Talk	Video		
	勝讯视频HC							
Ĵ D	ロ) ロ))	Φ	≽				15:31 ᄛ	

- If the installed APP beyond the first page, drag the page or rolling the mouse roller will display the second page of APP;
- You can directly use these APPs, or set up related tools, or long-press those commonly used APP to drag onto the desktop.



Bookme to access widgets, long press any widgets to form corresponding shortcut

on the desktop.

	APPS	WIDGETS					Ĥ	SHOP	
Во	okmark		Bookmarks		Email		Gmail		
I	*				Index Internet and transformer to the Time, Gangere, Henry Time for a new you all with you here wants are de all Angelitra Sparkovena other for cards needed, weaking work Marco Zacchina Theos addwind phonest - the cod his	(1.1.1) (1.1.1) (1.1.1) (1.1.1) (1.1.1) (1.1.1) (1.1.1)	Additional and the set of the set	Marco Marco Var Berro - L Disaro Berro apple Sa everyon et Wolfer,	
	oogle Search		Music	4 × 1	Music playlist		Picture frame		
	Ŷ	口))	<u>ا</u>						14:43

5. Settings

In the system user can setup according to their own requirements, such as network connection, language, input methods, Video output resolution, Sound output and check storage space.

Click the tool bar "Setting" to pop up below screen.

Settings					<i>(</i>) +			
WIRELESS & N	ETWORKS			WiFi Switch wifi is enabled, click to turn it off	×.			
🗢 Wi-Fi			0N	rikomagic	₹.			
😤 Etherne	t	OFF		Connected				
O Data us	age			JPLINK-0000001A	▼			
More								
DEVICE								
 ♀ USB								
🚸 Sound				1				
Display								
🖾 Screen								
🔳 Storage								
PERSONAL								
	· ⊂))	⊂1))	\bigcirc	*	15:31 🤋			

5.1 WIFI Setting

When opened the WIFI, the MINI PC will auto search available wireless router signals within 20 meters,

user just choose a router and input correct password to connected network.

5.2 Ethernet Setting

If there is no WIFI in the house, suggest to connect a USB LAN adapter (please select right matched USB LAN adapter) to setting Ethernet.

Setting method: Click "setting" \rightarrow "More" \rightarrow "Ethernet" \rightarrow tick "Use Ethernet", then the Ethernet setting finished.

5.3 Portable host pot

If connected the device with Ethernet (not WiFi), then open portable host pot function, you could regard the mini pc as a wireless AP.

5.4 Bluetooth (not available for MK802 IIIS/4G)

Open Bluetooth settings--> Scan and search equipment-->select a device, input Bluetooth wireless password (if required) -->confirm. Then complete the Bluetooth pairing. Notice:

- Some equipment, for example, Bluetooth headset maybe have a fixed password (like 000), then you must input corresponding password.
- Some equipment without testing or without Bluetooth SIG examination and approval, may not compatible with mini pc.

5.5 PPPOE Setting

If the network needs dial-up, then click PPPOE Settings and input account and password. Click "Setting \rightarrow "More" \rightarrow "PPPOE Settings" \rightarrow input account and password.

5.6 USB

🖞 USB

For exchange data between the mini pc and PC.

Specific operation steps :

- 1. Equipment connection: take out the Micro USB to USB cable, connect the machine with PC through this cable , at same time, connect the machine with TV through HDMI cable.
- Settings: After device access to the main screen , click Settings → USB → Connect to PC, press confirm. After the device access to USB mode, turn on USB storage. Now your computer could find the

device and you can copy/paste files freely.

5.7 Sound

Sound

This is for Sound settings;

Volume: Control volume level;

Operate prompt tone: Setting prompt tone during operating;

Screen saver sound: Setting screen saver sound.

5.8 Display

Font size: Setting font size according to their own request;

5.9 Screen

🖵 Screen

This is for Screen settings:

- 1. Screen ratio: Used for adjusting screen ratio.
- 2. Output Interface: Default HDMI

3. HDMI mode: User can setting corresponding output resolution according to the TV.Normally system will be detected automatically.

		-
1920x1080p-60		
1020-1020- 50		
1920x1080p-50		
1280x720p-60		
TEODATEOP CO		
1280x720p-50		
720x576p-50		
720x480p-60		
	Cancel	
	Galicel	

5.10 Storage

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

Notice: System divided the whole storage into seven partitions, only two partition visible, the other five partition has been occupied by Android system which is invisible. The balance space is equal to the sum of two partitions.

5.11 Apps

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

5.12 Security

User can set password according to their request.

5.13 Language & input

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

5.14 Backup & reset

Backup: If there are some important files or apps inside, you'd better choose backup in case files lost. Reset: If choose this option, and confirm, system will back to factory setting, all the user's settings and apps will missing, (Not suggest)

5.15 Date & time

Since there is no battery inside, the date and time setting can't be saved.

Suggest setting to use the network synchronization time, as long as the network connected, then the date and time will be with the network synchronization.

5.16 Developer options

USB debugging: During connecting with PC to exchange data, please open this option;

5.17 About device

User can check system info here.

6. Browse /Copy Files

1. Open file management on the desktop.

Home	l evell in	Multi	Editor	Back	Next	Fxit
	Internal Flash					
50	SD Card					
<i></i>	USB					
ø	SATA					
-	Network Places					
ý Ć	」 「 」 」 」) ()				15:40 🤝

Internal Flash: Check internal storage space

SD Card: If TF card inside, icon will be highlight

USB: If USB device (HDD, U-disk) connected, the icon will be highlight.

Network Places: Through this option, user can access to other PC to find files and playback.

2.File Copy

Long-press a file or folder will pop-up a menu, including: Copy, Delete, Move, Paste, Rename options, if no need execute operation, just click "cancel".

7. Install/Uninstall Apps

The mini pc supports many commonly used third-party apps. You can install or uninstall apps freely, there are two methods available for installing Apps:

7.1 Online installation

Please login Google Play store or other Android marketing to download Apps (User should have Gmail account if download from Google play store), After download system will remind you to install the Apps, just click install according to the system prompt.

7.2 Local installation

User also can copy app from computer to U disk or TF card, insert the U disk or TF card to your device, just click the APK icon to install according to the system prompt.

7.3 Uninstall Apps

Click Settings \rightarrow Apps, click an Apps you want to uninstall, the uninstall window will pop up click uninstall to uninstall. If you don't want to uninstall just exit.

Settings		
WIRELESS & NETWORKS Image: Wi-Fi ON Image: One of the state	C Documents To Go version 3.004 Force stop	Uninstall
More DEVICE 에 Sound	Total App	10.12МВ 10.12МВ 0.00В
I Display ■ Storage ■ Battery	Data SD card Clear data	0.00B 0.00B Move to SD card
PERSONAL	CACHE Cache	0.00B Clear cache
C Accounts & sync		* 🖗 🖪 🛯 11:36 🖘 🛚

8. DLNA

DLNA : Through some special APP(such as iMedia Share Lite.), all the multimedia files can be pushed from smart phone or Android tablet PC to big screen, user can share those pictures/music/videos with family or friends freely.

9. Multi-screen interaction

Multi-screen interaction is the most popular technology. Through this function, user can remote control the item by smart phone or any Android tablet PC. User can download the special APP from <u>www.rikomagic.com</u> and install onto smart phone, the APK will including touch pad which can be used as mouse; virtual keyboard, virtual remote control, return, G-sensor. Turn on G-sensor, user can play somatic games by their smart phone freely.

Software Interface:

Control Device: Rikomagic		
Rockchip Powered		
	<u>↓</u> ((𝔄)) 🏠	
	Touch Pad	
	Switch To Mouse Mode	
	@	0
	Control	Exit

Touch Pad

Control Devi	ice: Rikomagic								•
Rockchi	ip Powered								And in case of the local division of the loc
					0)				
	Touch Screen								
					S		•	2	
q	W	е	r	t	У	u	i	0	р
а	S	d	f	g	h	j	k		-÷-
Ŷ	Z	Х	С	V	' k	2	n	m	eil CE
?1:	?123 ,			,			•		ų
	Insit		Cont	rol			0) Exit		

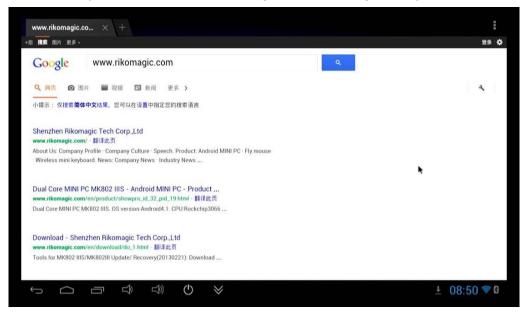
Virtual keyboard

Control Device: Rikomagic		
C		
•	Q	-
U	4	
		(
	Control	O Lat

Remote control

10. Web Browsing

After connected network, you can access the webpage screen through the system browser.



New opened webpage will be shown on the screen as tag, click "+" to add new webpage, click "x" to close the webpage.

11. Local audio & video playback

Through the file manager, user can browse & playback those contents of TF card, USB flash or USB HDD.



12. Use virtual keyboard

If connect USB mouse only, then below virtual keyboard will pop up;



If connect with physical keyboard, system will hidden the virtual keyboard.

13. Switch input methods

Click the keyboard icon at the right-bottom status bar from desktop;



All the installed methods will display as below picture, and you can choose one of you prefer:



14. System recovery/update

If the mini pc has following issues, please solve these issues by recovery/update methods.

- 1. If you need update to the latest firmware,
- 2. After boot, there is no signal;

- 3. There is only boot screen;
- 4. System running very slow, crashing;
- 5. Can't find the wireless network equipment, or can't connect wireless;
- 6. When installation apps, player loss power unexpected and cant boot up.
- 7. TF card update failed and can't boot again etc.

How to recovery/update through computer.(WIN XP & WIN7 system)

14.1 Download fiels needed.

Download recovery tool Batch Tool, driver and recovery firmware(img file) from official website first.

Download, decompression the folder and find ""RKBatch Tool" to double click, below screen will pop out, then add img file.

Firmware Info <u>rmation</u> FW Path:				
FW Ver:	FW Time:	Support Ch	ip:	A
		Click here	e to select IMG file	-{}
				U
Connected Devices	2	3	4	U

Firmware Information FW Path:					
FW Ver:	FW Time:		Support Ch	nip:	
BOOT Ver:	BOOT Time:				
-	_				Σ
Open					
	Supdate and recove 👻	G 🗊 🖻 🛄 🕇			
lame	-	Date modified	Туре	Size	
📙 update or recovery tool		6/7/2013 6:08 PM	File folder		
🕑 🎞 S-BT_update		4/19/2013 7:04 AM	Disc Image File	375,390 KB	
elect this IMG					
e name: IIIS-BT_update					Open
es of type: Firmware(*.img)				+	Cancel
5			7	0	

14.2 Connect the mini pc with computer.

- 1. Prepare an USB cable (Micro USB to USB cable); insert the normal USB port to computer usb host.
- 2. Prepare a thin metal stick; press the recover button by the stick according below method.

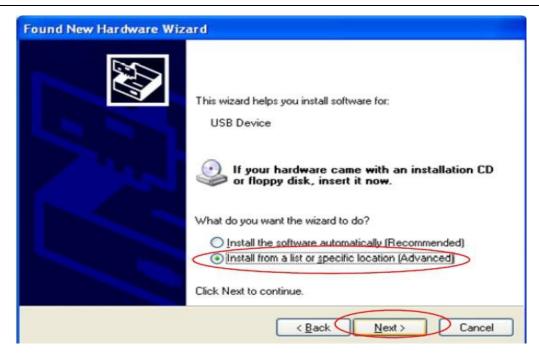


3. Don't loose the stick, at same time, insert the micro USB port to the unit USB OTG port, after 3-5s, loose the stick.

14.3 USB driver installation

14.3.1 Install driver on WIN XP system.

After unit connected with computer (WIN XP system), there will pop up a guide window to install new driver.



Select "next"

lease	choose your search and installation options.
0	Search for the best driver in these locations.
	Use the check boxes below to limit or expand the default search, which includes local baths and removable media. The best driver found will be installed.
	Search removable media (floppy, CD-ROM)
-	Include this location in the search:
-	C:\livesuit\UsbDriver V Browse
0	2on't search. I will choose the driver to install. Choose this option to select the device driver from a list. Windows does not guarantee he driver you choose will be the best match for your hardware.
	< Back Next > Cance

Choose the options as picture display, then click browse, find out install.

, then click "next" to

UsbDriver

After installation finished, below window will pop out, click "finish".

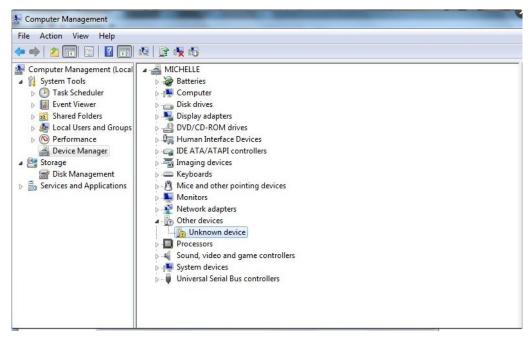


After finished driver installation, pls refer to step 14.4 to proceed recovery or upgrade.

14.3.2 Install driver on WIN7 system.

After connecting the Mini PC to the computer whilst holding the recovery button down, open device manager. Normally this can be opened by right clicking on the My Computer icon.

Find the Unknown device as shown in the picture:



Double click "unknown device".

General Driver Deta	ils
Unknown de	vice
Driver Provid	er: Unknown
Driver Date:	Not available
Driver Version	n: Not available
Digital Signer	: Not digitally signed
Driver Details	To view details about the driver files.
Update Driver	To update the driver software for this device.
Roll Back Driver	If the device fails after updating the driver, roll back to the previously installed driver.
Disable	Disables the selected device.
Uninstall	To uninstall the driver (Advanced).

Press update driver, Click browse for driver software on your computer. And choose the correct driver.

If your computer is WIN7 32bit, choose x86--win7; if it is WIN7 64bit, choose x64--win7.

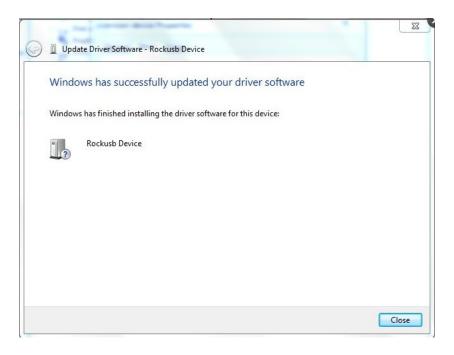
Browse for driver software on your computer	
Search for driver software in this location: C:\Users\Administrator.PC-20120220TVRP\Desktop\0603 MK802IV t	▼ Browse
✓ Include subfolders	
Let me pick from a list of device drivers on my or This list will show installed driver software compatible with the	
software in the same category as the device.	

Press "next", below screen will pop out, click "install" to install.



Then please wait for installation till below screen appear, that means driver installation finished, press

"close".



14.4 Recovery/Upgrade instruciton

After successful installation, the batch tool will connect the mini pc automatically, the "connect device" icon will changed to green, as below:

Firmware In		inistrator PC-20120	220TVRP\Desktop\0603 MH	802TV tosting\WK	802TV tosting 0603	
FW Path:				OOZIY (estingum	ODZIY CESCING COOS(
FW Ver:	4.1.01	FW Time:	2013-05-30 09:40:03	Support Chip:	RK31	
BOOT Ver:	1.95	BOOT Time:	2013-05-10 10:33:53			
Connected I	Devices 1 2-1-1	2		3	4	

Then Click "upgrade" or "restore" to update/recovery,(recommend "restore") as below.

FW Path:	C:\Users\Ad	ninistrator.PC-20120	0220TVRP\Desktop\0603 MK	BO2IV testing\MK	802IV testing 0603\	
FW Ver:	4.1.01	FW Time:	2013-05-30 09:40:03	Support Chip:	RK31	
BOOT Ver:	1.95	BOOT Time:	2013-05-10 10:33:53			
Layer 2-1-1	> Get FlashIn	fo Success				
	> Prepare IDB					
	> Prepare IDB					
	> Download ID					
	> Download ID > Reset Devic					
	> Reset Devic > Reset Devic					
	> Wait For Lo					
	> Wait For Lo					
Layer 2-1-1	> Test Device	Start				
Layer 2-1-1	> Test Device	Success				
Layer 2-1-1	> Download Fig	rmware Start				
Connected D)evices 1 irmware(29%	2		3	4	
	5	6		7	8	

This procedure will take around 3 minutes, please wait patiently, during recovery/upgrade, don't remove

the USB cable.

FW Path: FW Ver: BOOT Ver:	4. 1. 01)220TVRP\Desktop\0603 MK			
	4.1.01			DOZIA CESCIIGUNO	DOZIA CESCING DODOC	
BOOT Ver:		FW Time:	2013-05-30 09:40:03	Support Chip:	RK31	
	1.95	BOOT Time:	2013-05-10 10:33:53			
Layer 2-1-1 Layer 2-1-1 Layer 2-1-1 Layer 2-1-1 Layer 2-1-1 Layer 2-1-1 Layer 2-1-1 Layer 2-1-1 Layer 2-1-1 Layer 2-1-1	> Download IDB > Reset Device > Reset Device > Wait For Loa > Wait For Loa > Test Device > Test Device > Download Fir > Download Fir > Reset Device > Reset Device grade Done Suc	Start Success der Start der Success Start Success mware Start mware Success Start Start Start	ne (93725)mz*******			
Connected E	Devices	2		3	4	

When this above prompt window appears, then means recovery is successful, pull out USB cable, total process is finished.

Notice:

- 1. Don't power off during updating or recovering.
- 2. Same computer just need install driver for one time

3. First booting after recovery/update will cost more long time, and even occur some lag issue, it's normal since internal apk file need to be decompressed and occupy RAM, don't worry about that.

Shenzhen Rikomagic Tech Corp.,Ltd

Add: 7F Baode Industrial Center, Lixin South RD, Fuyong , Bao'an, Shenzhen, China, 518103

Tel: 86-755-29981801 ; Fax: 86-755-27317052

After service: service@rikomagic.com

Official website: www.rikomagic.com