

User Manual

Q-ROI-AUDI A3

1. Features

- Android Operating system 4.2.2 (Jelly Bean)
- Powerful CPU (1GHz Cortex A9 Dual-Core CPU)
- Support Android Play-Store (Various applications supported)
- Replace LCD 5.8inch Low-Resolution with 7inch High-Resolution
- Various Multimedia ports
(3*Video Input, 1*Rear Camera Input, 1*MIC, 1*SPK)
- PAS (Parking Assist System,)
- Multiple ways to store data and communication ports
(5*USB 2.0, 1*SDHC Slot)

2. General Spec

OS	Android 4.2.2 (Jelly Bean)
CPU	Telechips TCC8930 (1GHz Cortex A9 DualCore)
Display	OEM LCD
Internal Memory	DDR3 1GB RAM + 8GB eMMC
External Memory	SDHC Slot Support (up to 64GB)
Function	A/V Input x 3, Rear Cam Input x 1, CAN(Controller Area Network) x 2, Mic x 1, External Speaker x 1 (mono), External Audio Out x 1(Car Aux),
Output	LVDS (thru Video Interface), RGB (thru Sub-Board)
Touch Type	Resistive Touch
GPS	SiRF
Resolution	800*480
USB	USB 2.0 x 5 (USB x 4, OTG USB x 1)
Input Voltage	12V
Temperature	operating 0 C to 60 C
	Storage -20 C to 60 C
Languages	multi-languages

3. Original Button Usage

3.1 Dynamic_5.8inch, 7inch

※ MMI button

※ Switch to OEM : Short Press NAV button



※ Q-ROI RESET :
Long press BACK button

※Buttons of switching to OEM : Short Press RADIO, MEDIA, BACK, MENU, TEL

※ Steering wheel button



※ Q-ROI RESET : Long press Voice button

3. Original Button Usage

3.2 Entry_5.8inch

※ MMI Button

※ Switch to OEM : Short Press TONE button



※ Q-ROI RESET :
Long press BACK button

※Buttons of switching to OEM : Short Press RADIO, MEDIA, BACK, MENU, CAR

※ Steering wheel Button



※ Q-ROI RESET : Long press Voice button

4. How to use (Q-Launcher)

4.1 Home Screen

※ When Q-ROI system booted up, this screen below appears.



① Status alter bar

② Q-ROI Setting

③ Main Icon : In the main screen of Q-Launcher, there are mainly 6 Icons (applications) that driver will be used to use while driving, user can change preferred applications for these icons.)

4. How to use (Q-Launcher)

④ Navigation Bar



: (Recent App) : User can see running applications and manage them.



: (Home Key): Back to Home screen,
(Long press and dragging to right) Google Now Launching.



: Back



: Sound setting

⑤ Favorite apps

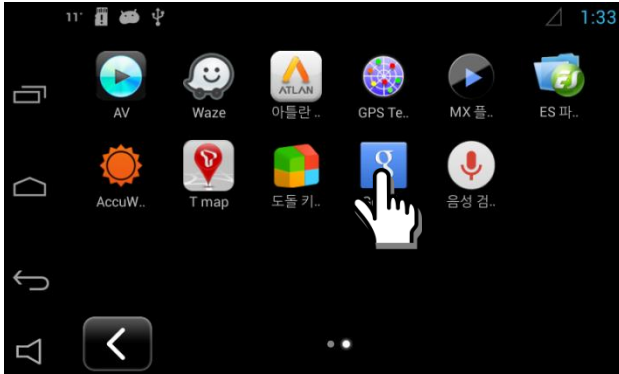
User can put favorite applications to launch quickly.



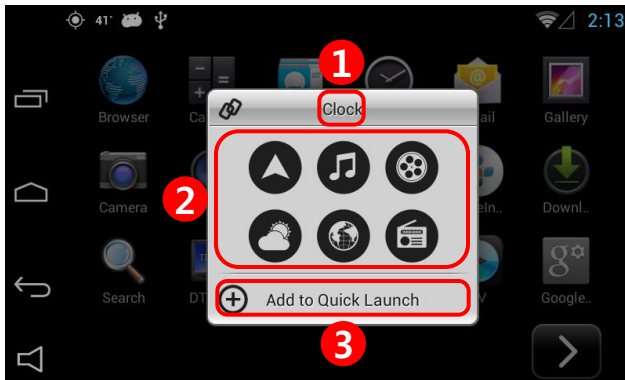
: (App drawer) See all applications in the system

4. How to use (Q-Launcher)

4.2 Main Apps change

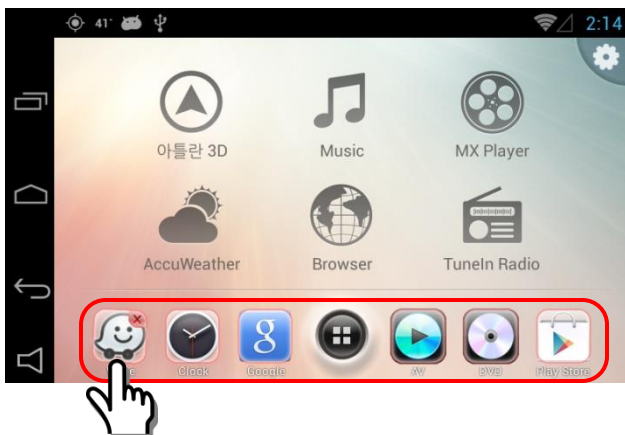


1. Long press your desired app in app drawer



2. App change window

- ① Selected app name appears at the top of window.
- ② Choose one icon of main icon that your target app wants to be linked with.
- ③ Press "ADD to Quick Launch" to save your app to main screen.

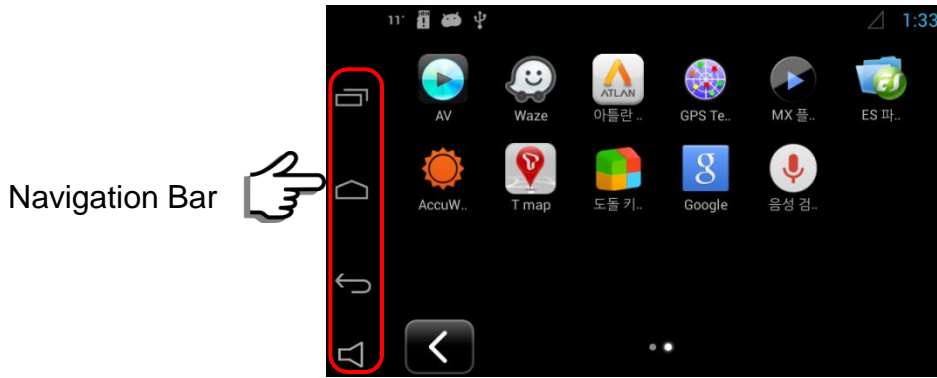


3. Favorite Apps icon move and removal

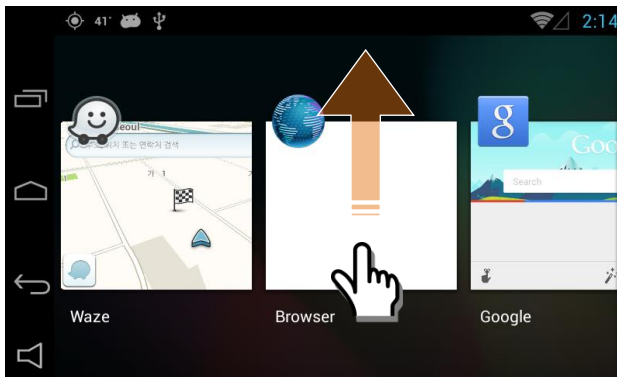
- Long press one of target icon, then X mark appears.
- Press one more time on X mark to remove your target icon
- Drag the target icon to your desired position.

4. How to use (Q-Launcher)

4.3 Navigation Bar Usage



: User can see running applications and manage them.




- Once user press this button, all running apps appear.
- User can choose an app to switch
- User can remove apps by dragging up

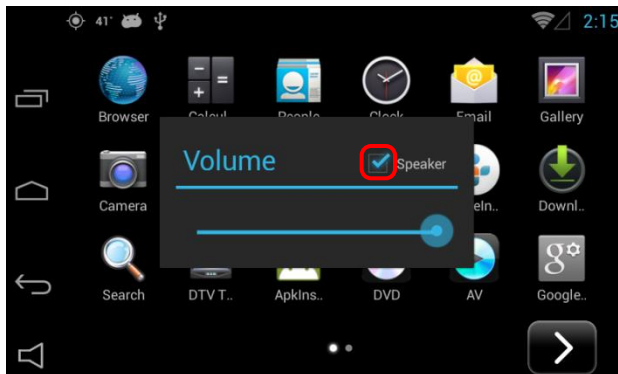
2.  : Short Press – Back Home , Long Press and dragging it to right –Google Now



4. How to use (Q-Launcher)

3.  (Back Key) : Return to previous screen

4.  : Q-ROI Volume control and On/Off setting of Q-ROI external speaker



- Once press this button, Sound window pops up.
- User can set on and off of external Speaker
ON : Enable external speaker
OFF : Only sound comes from car speaker (AUX)

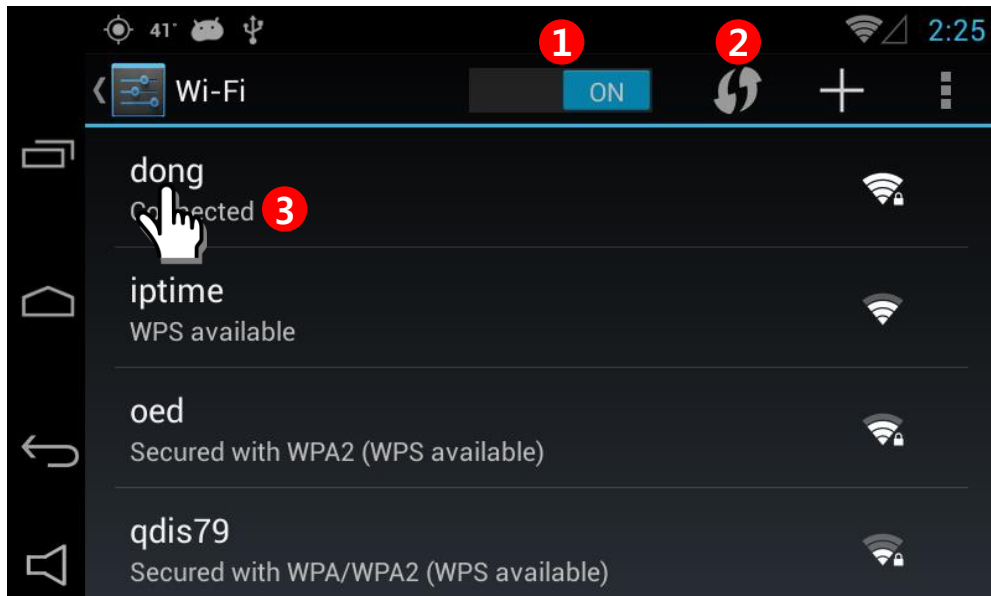
5. Setting

5.1 Wi-Fi ON / OFF

※ Q-ROI gets Internet via Wi-Fi dongle from Wi-Fi AP or Mobile Hot Spot.

 **App drawer** ▶  **setting** ▶ **Wi-Fi**

Or simply press **Setting button**  **in the main screen** ▶ **Wi-Fi**



① **Wi-Fi ON/OFF**

② **Reload**

Wi-Fi Network search.

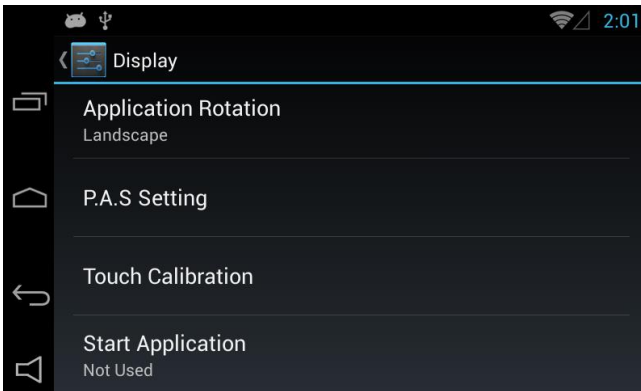
③ **Connected**

Shows currently connected Wi-Fi network, with long press, user can see the status

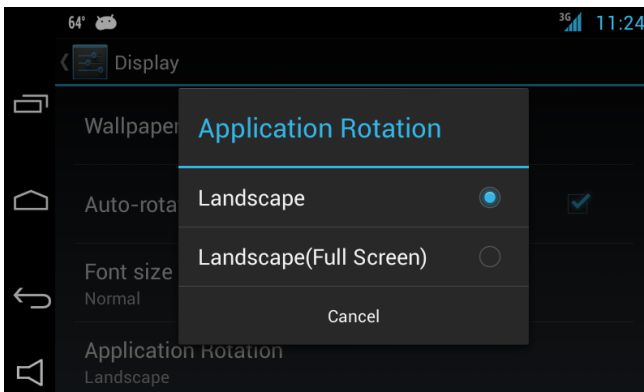
5. Setting

5.2 APPLICATION ROTATION

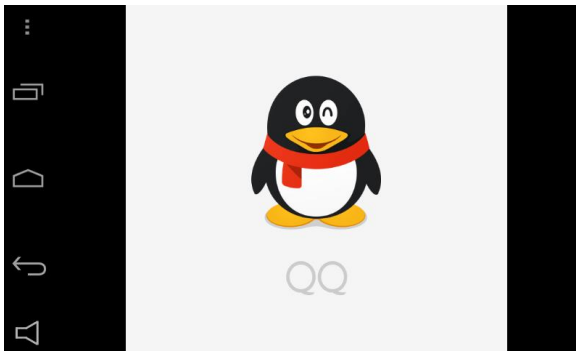
 Apps ►  Setting ► **DISPLAY** ► **Application Rotation**
Or Simply press  button ► **DISPLAY** ► **Application Rotation**



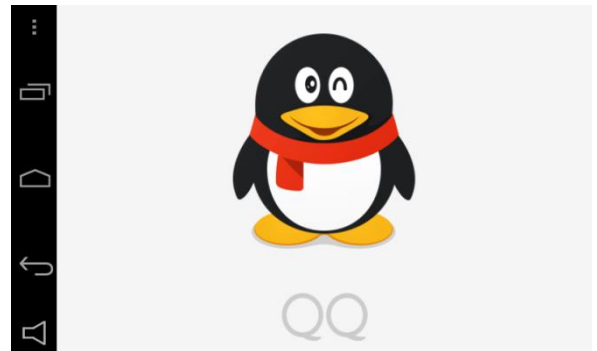
• Press the Display button and The screen shall be shown as left photo.



•Application Rotation : user can choose displayed application rotation as Landscape, Landscape(Full Screen)



<Landscape >

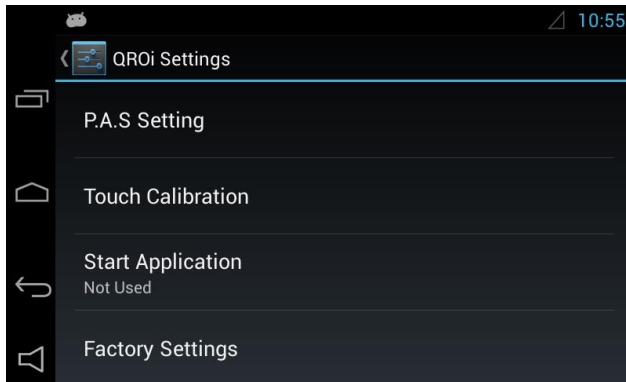


<Landscape-Full Screen >

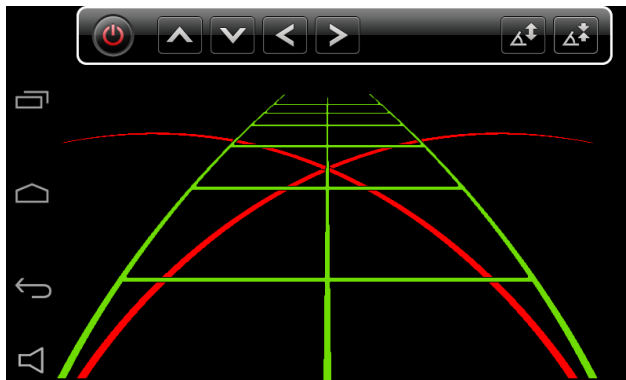
5. Setting

5.3 Q-ROI SETTINGS

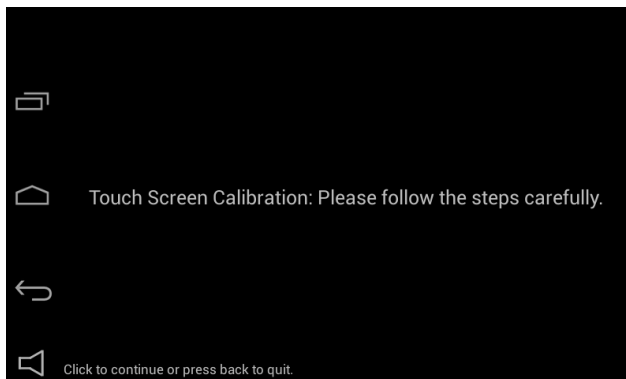
APPs ► Setting ► QROI Setting
Or simply press Setting button ► QROI Setting



•Please refer to the left image



•Select 'P.A.S Setting' to set up Parking guide line



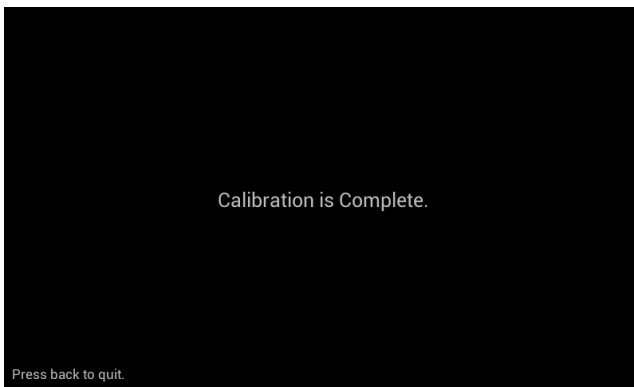
•Select 'Touch calibration'

5. Setting

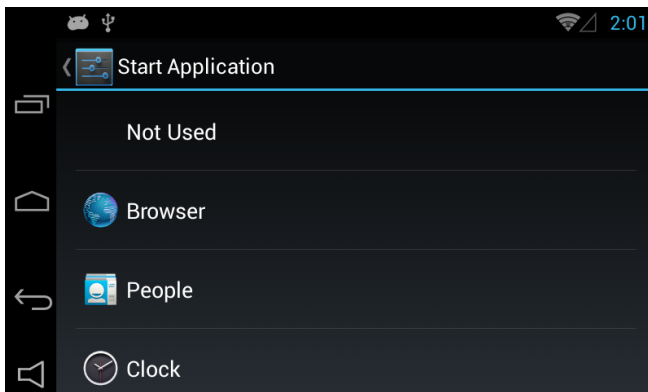
5.3 Q-ROI SETTINGS



- Press the targets in order



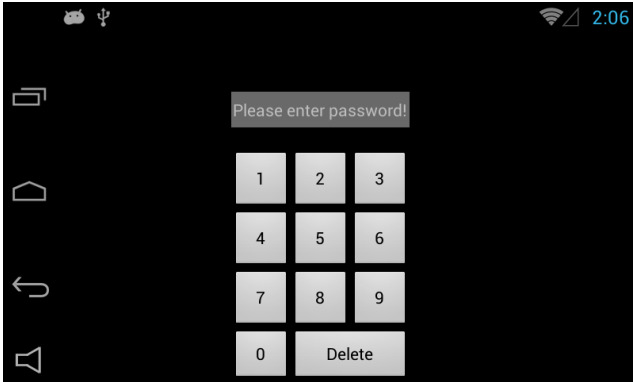
- It is shown after completion of touch calibration.



- Select 'Start Application' to set up startup programs

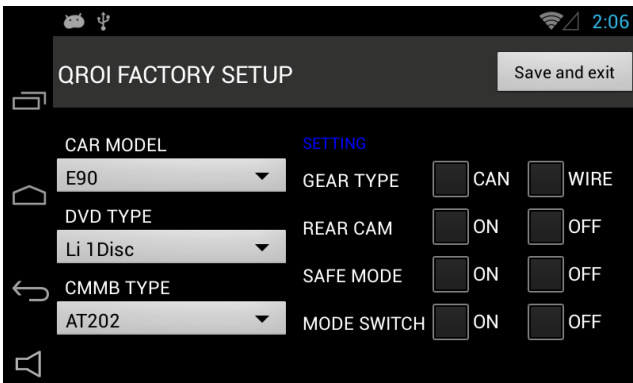
5. Setting

5.3 Q-ROI SETTINGS



- Select 'FACTORY SETTINGS' to set up Q-ROI system.

*Put a password
(It is required to ask the manufacturer to get the password)

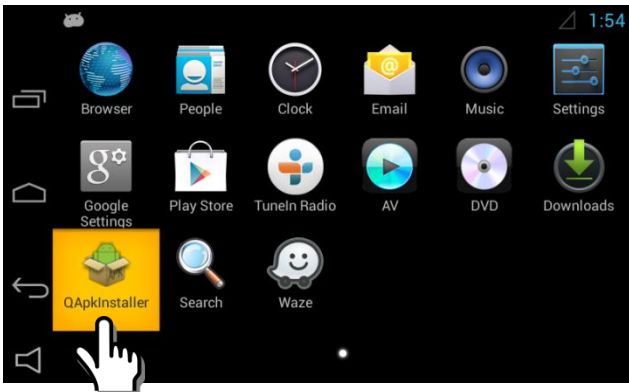


- Able to change set-up
 - CAR MODEL,
 - DVD TYPE,
 - DTV TYPE

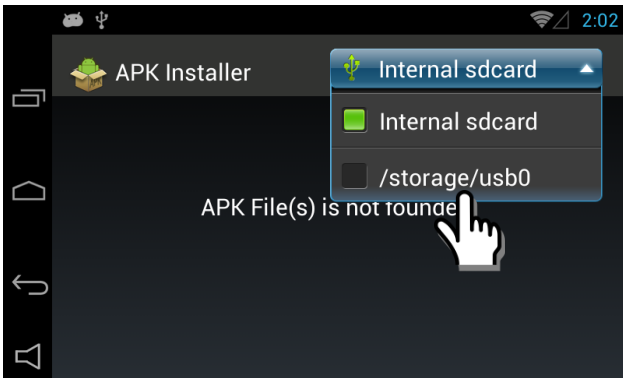
5. Setting

5.4 Installation of Apps

 APPs ►  Select 'QapkInstaller'



- Select Apps and referred image is shown.
- Select QapkInstaller.



- Select a device in which APK file is



- Select APK file you want to install



: Installation Completed



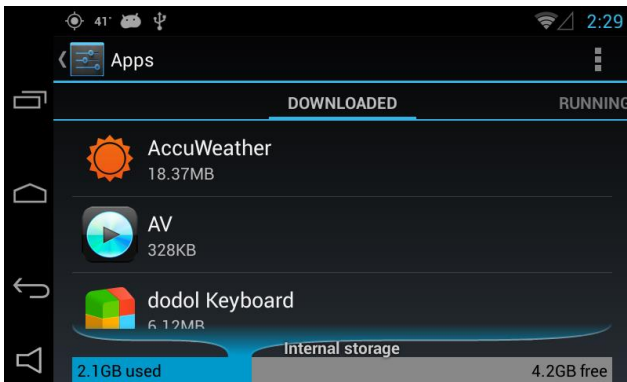
: Not installed

5. Setting

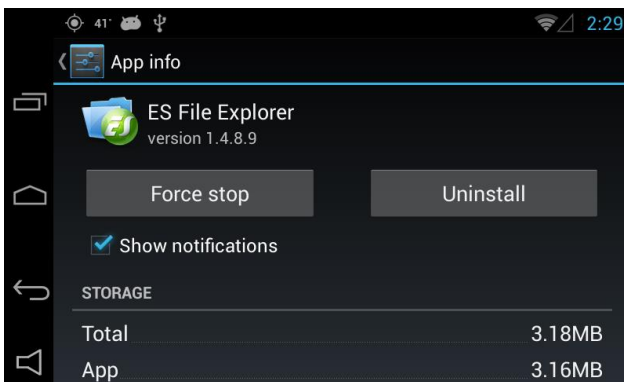
5.5 Management of Apps

※ Able to manage installed Apps

 Apps ▶  Setting ▶ Apps
Or simply press  ▶ Apps



•Please refer to the left image.



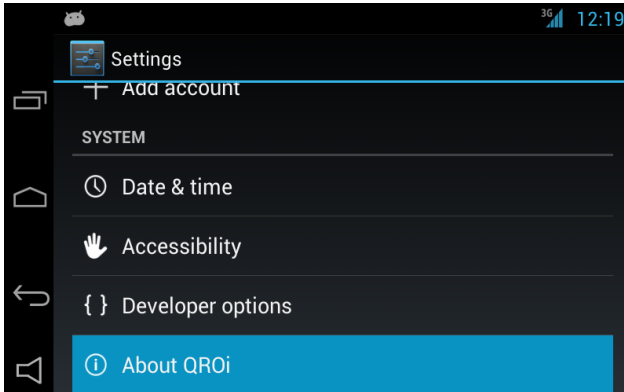
•Able to stop or uninstall applications.

5. Setting

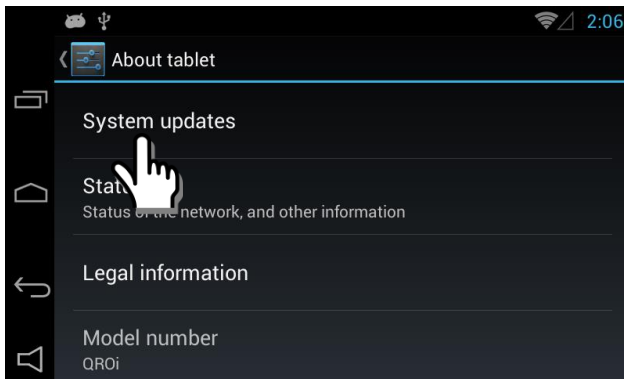
5.6 System update

 Apps ▶  ▶ About QROI

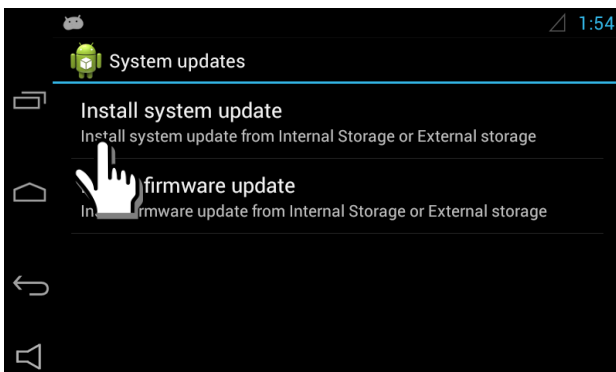
simply press  ▶ About QROI



•Select 'About QROI'



•Select 'System update'

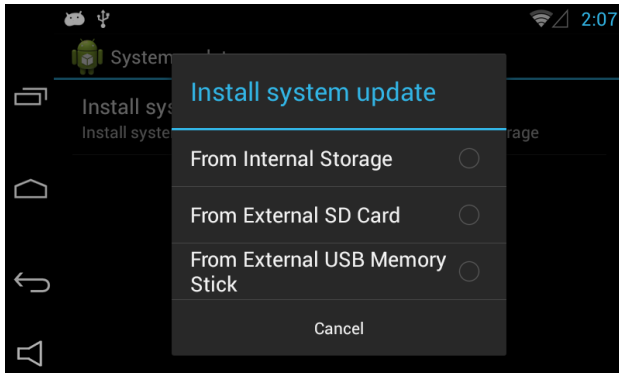


•Select 'Install system update'
(Use update.zip)

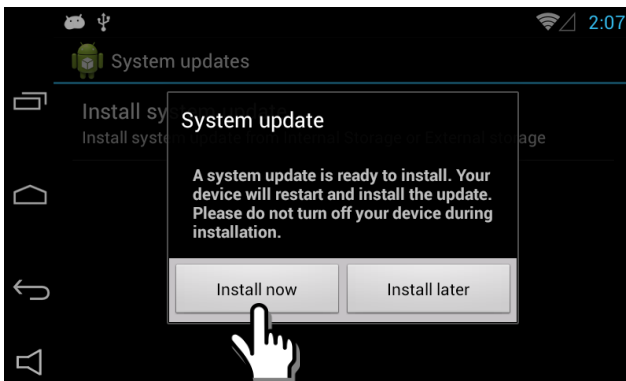
•Select 'Install firmware update'
(Use fw.qvl)

5. Setting

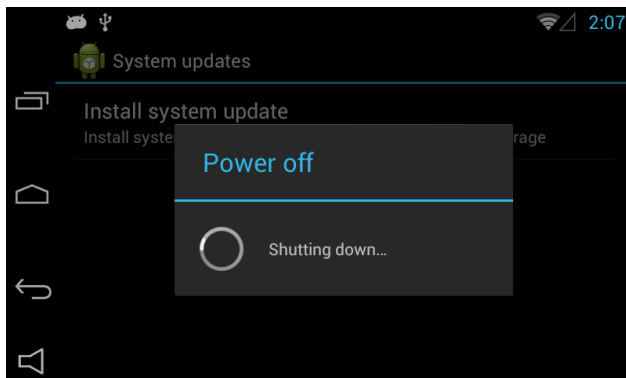
5.6 System update



- Select a menu in which update file is



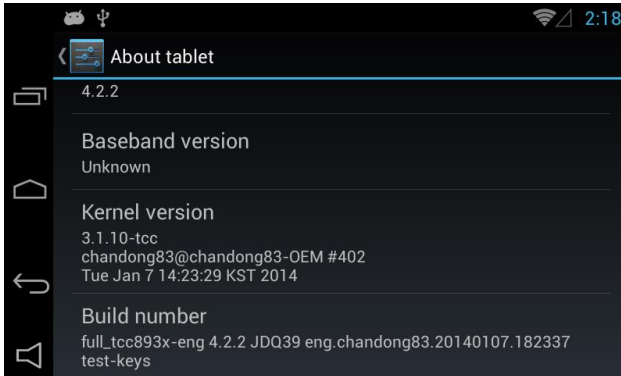
- Press 'Install now' to update



- Update will start after power off

5. Setting

5.6 System update



- Able to check Kernel version