

User Manual

Q-ROI-Infinity Q50

1. Features

- **Android 4.2.2 (Jelly Bean)**
- **Processing Speed improvement**
(1GHz Cortex A9 Dual-Core CPU)
- **Video output fitted with each cars**(400x240 LVDS)
- **Support a variety of multimedia ports**
(3*A/V Input, 1*Rear Camera Input, 1*MIC, 1*SPK)
- **Support a variety of ways to store and communicate**
(4*USB 2.0, 1*SDHC Slot)
- **Easy Installation** (Plug & Play cables)

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. OEM Button



Long Press : Q-ROI Mode
Short Press : OEM Mode

4. How to use (Q-Launcher)

4.1 Home Screen

※ After turning on the Q-Roi, Home screen shall be shown as below.



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

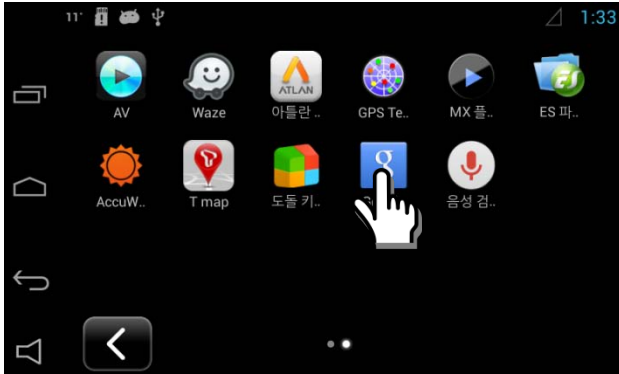
User can put favorite applications to launch quickly.



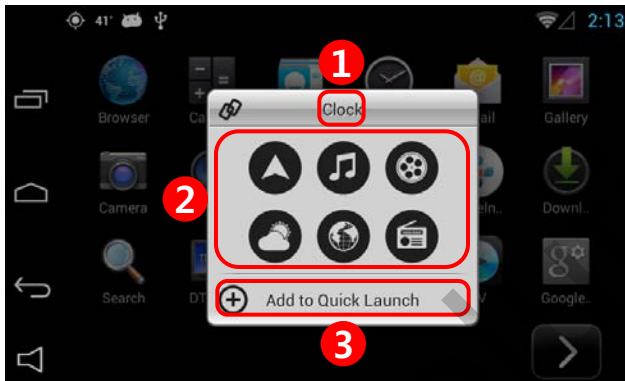
: (App drawer) See all applications in the system

4. How to use (Q-Launcher)

4.2 Main Apps change

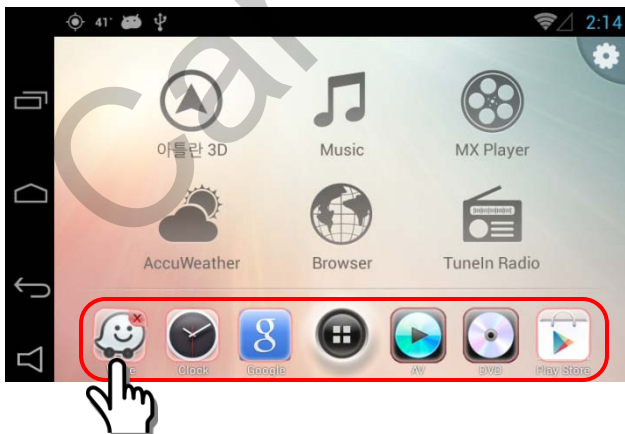


1. Long press your desired app in app drawer



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.

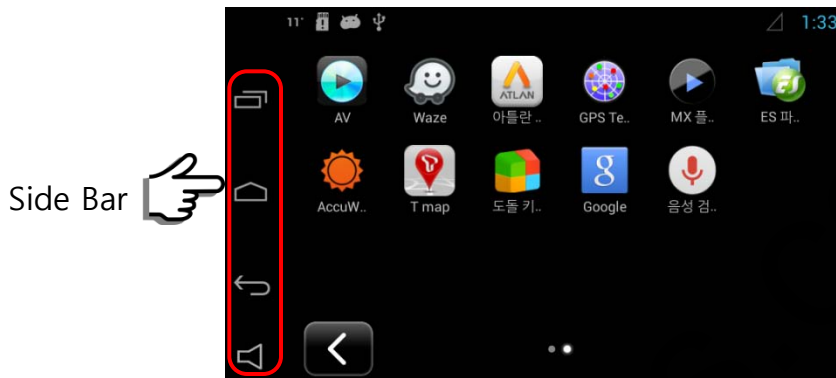


3. Favorite Apps icon move and removal

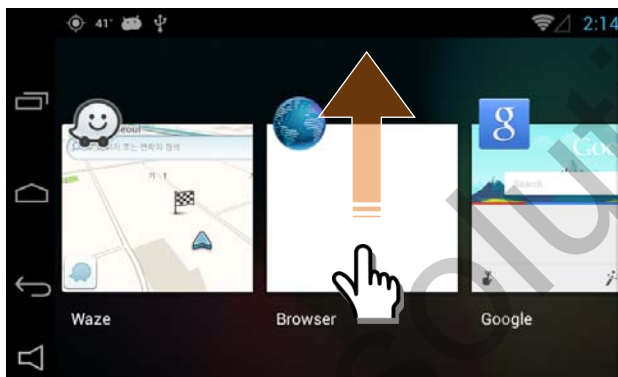
- Long press one of target icon, then X mark appears.
- Press one more time on X mark to remove your target icon
- Drag the target icon to your desired position.

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




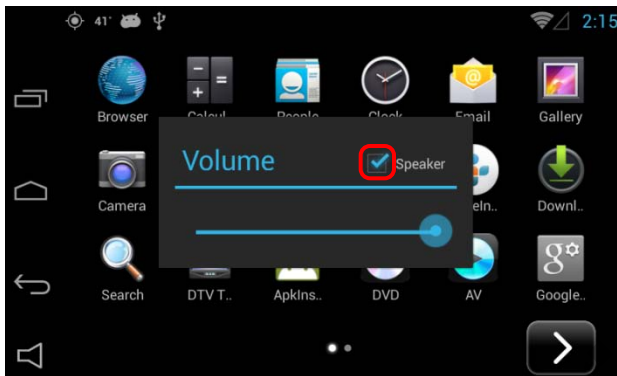
2. : Short Press – Back Home , Long Press and dragging it to right –Google Now



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.



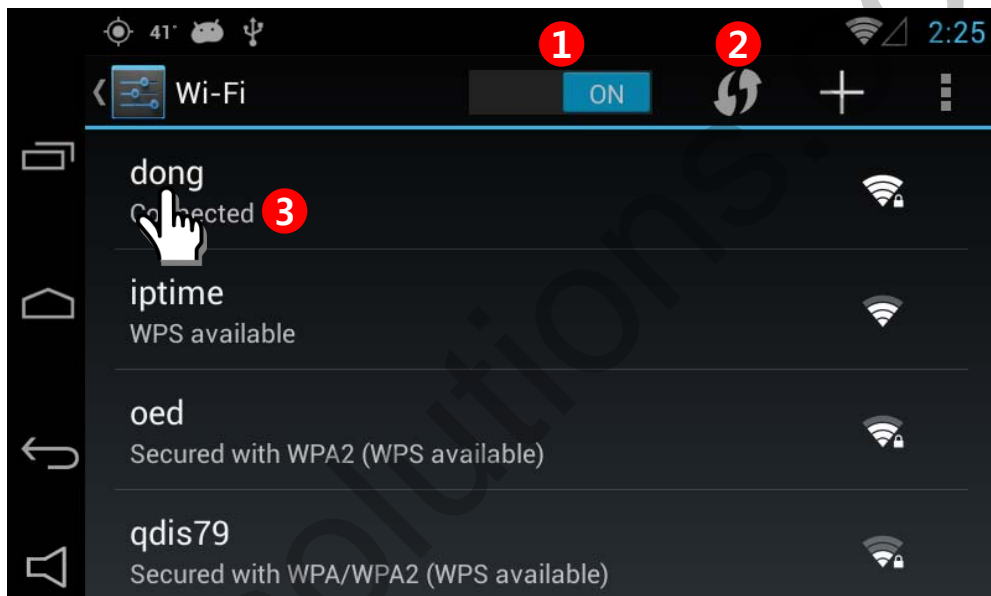
App drawer ►



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

※ Set Main Screen



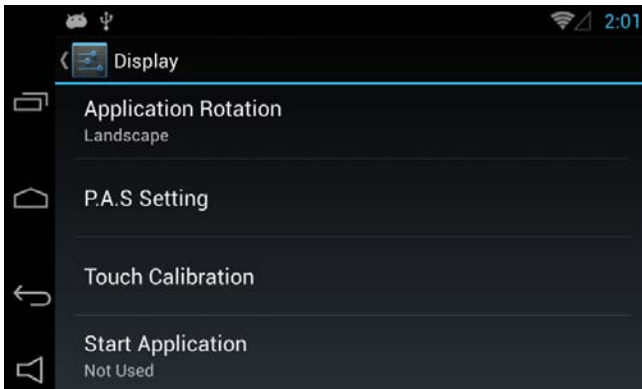
APPS ▶



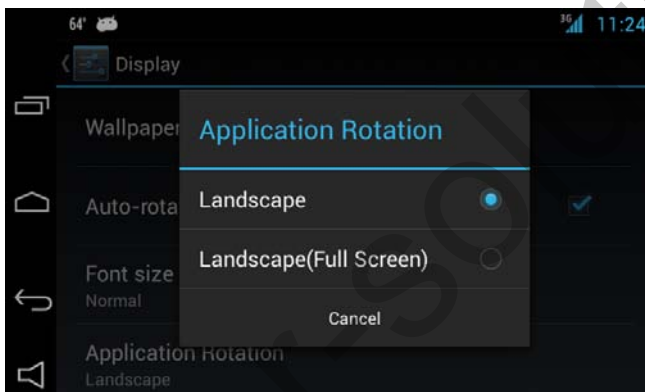
Setting ▶ DISPLAY ▶ Application Rotation

Or simply press Setting button 

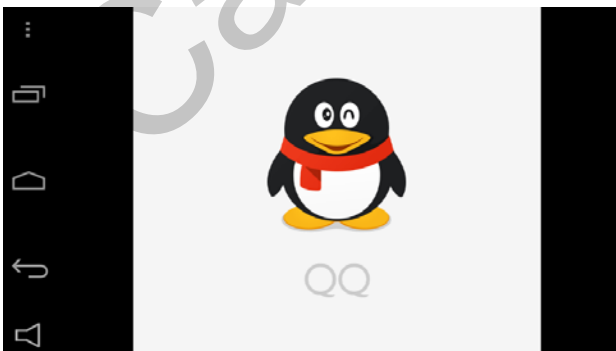
▶ DISPLAY ▶ Application Rotation



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

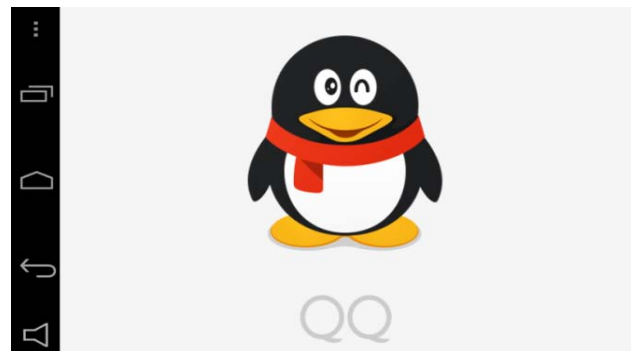


- Press 'Application Rotation' and you can select two options.
(Landscape or Full Screen)



<Landscape mode>

www.car-solutions.com



<Landscape-Full Screen mode>

support@car-solutions.com

5. Setting

5.3 Q-ROI SETTINGS

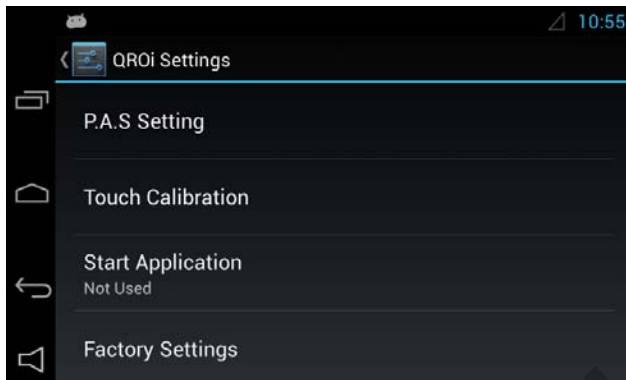


APPS ▶

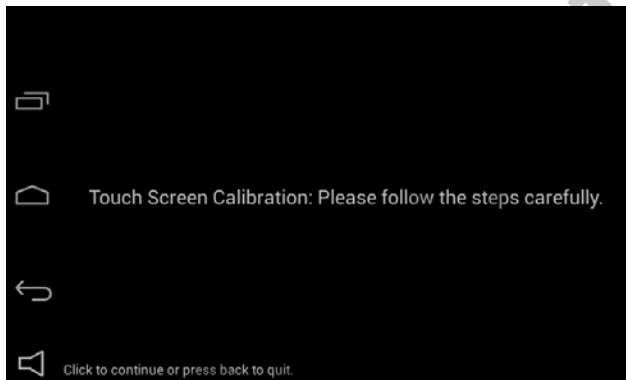


Setting ▶ QROI Setting

Or simply press Setting button  ▶ QROI Setting



•Please refer to the left image



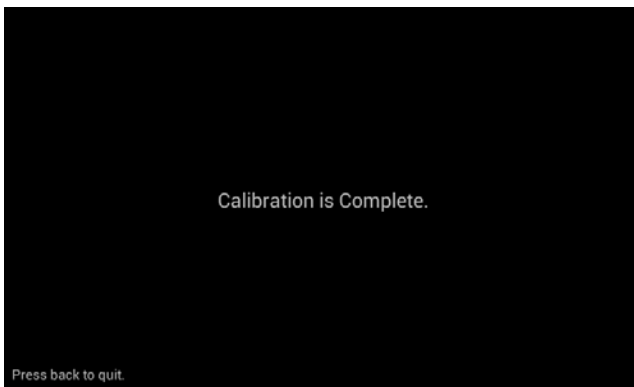
•Select 'Touch calibration'

5. Setting

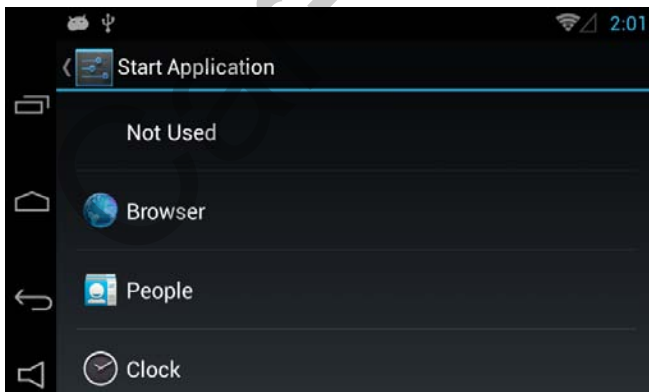
5.3 Q-ROI SETTINGS



- Press the targets in order



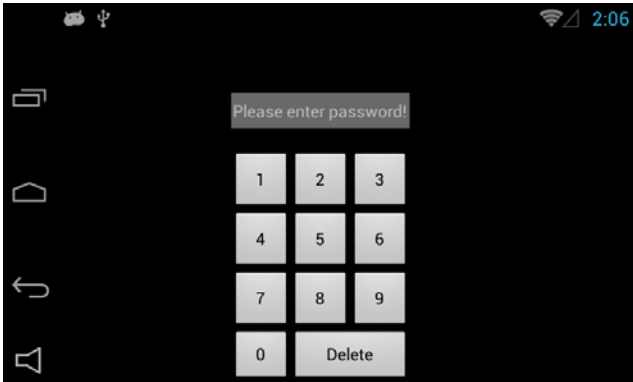
- It is shown after completion of touch calibration.



- Select 'Start Application' to set up startup programs

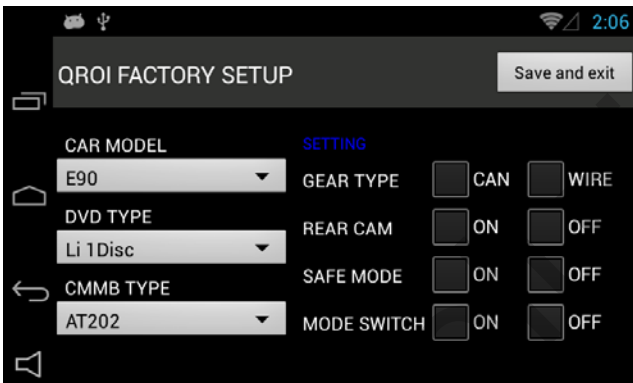
5. Setting

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

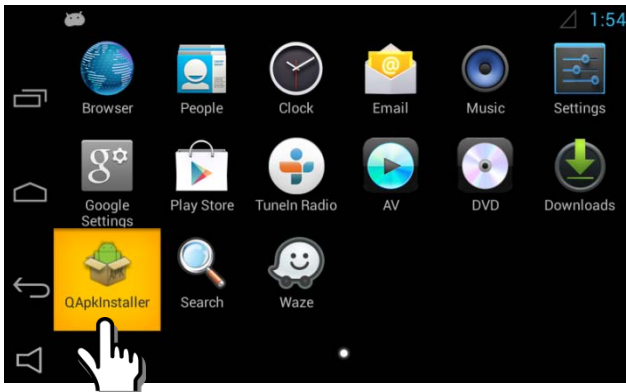
5.4 Installation of Apps



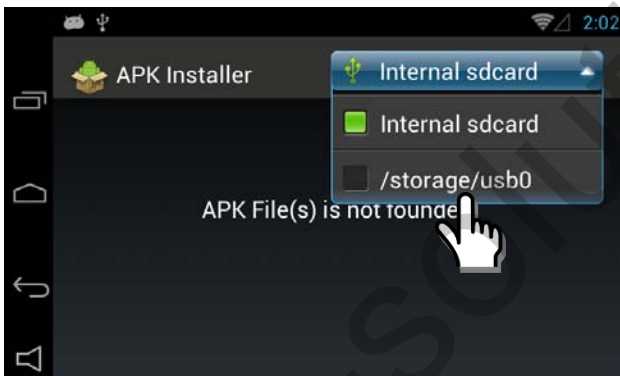
APPs ▶



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



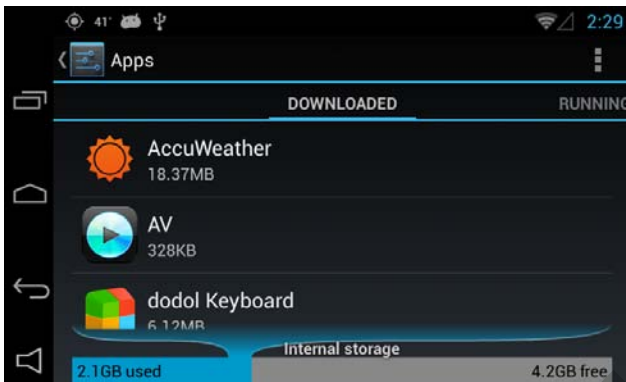
: Not installed

5. Setting

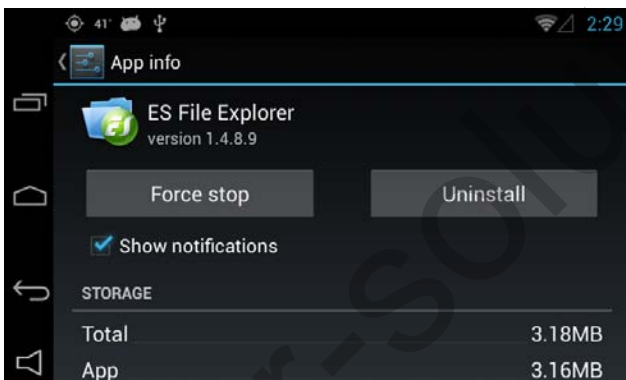
5.5 Management of Apps

※ 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



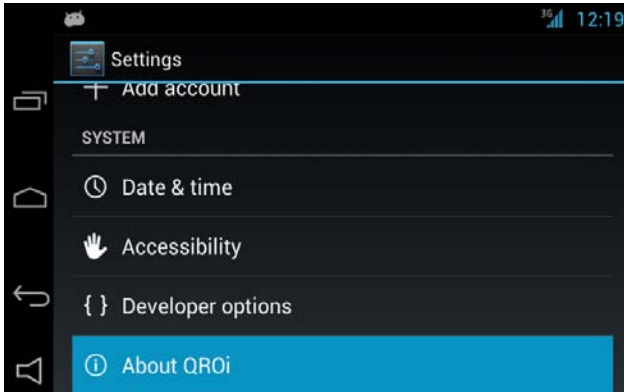
About QROI

simply press

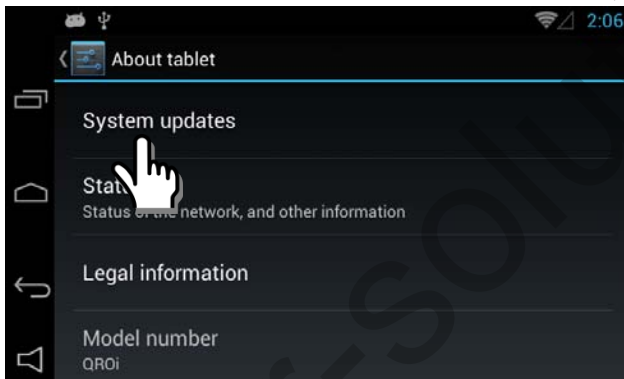
Setting button



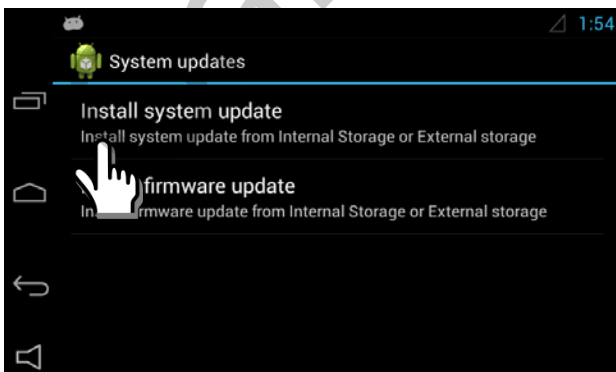
About QROI



- Select 'About QROI'



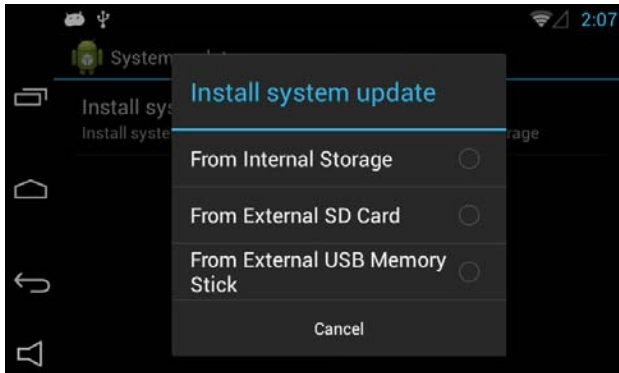
- Select 'System update'



- Select 'Install system update'
(Use update.zip)
- Select 'Install firmware update'
(Use fw.qvl)

5. Setting

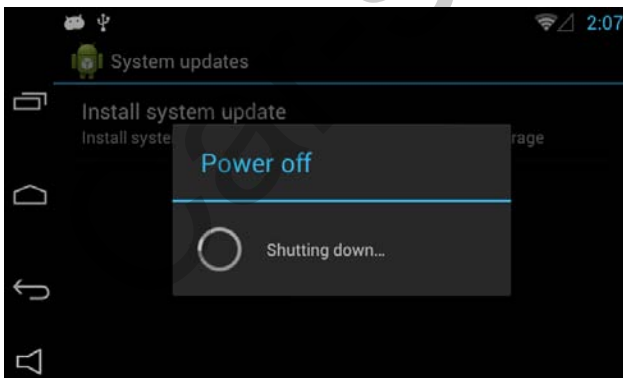
5.6 System update



- Select a menu in which update file is



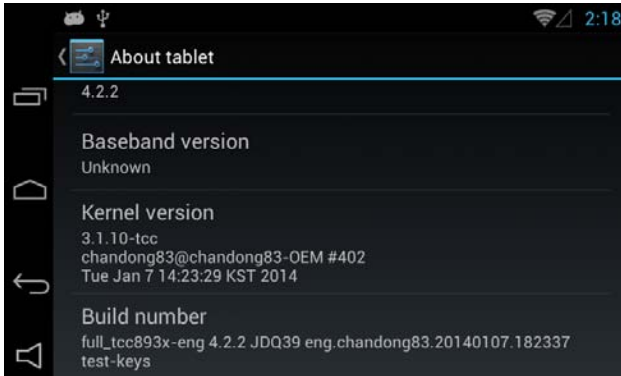
- Press 'Install now' to update



- Update will start after power off

5. Setting

5.6 System update



- Able to check Kernel version