# User Manual
## QROI-AUDI09(L)

# Warning

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▲ **Warning**

- Do not modify, dismantle or unintended operation this system outside Qnavi After Sales. Damage occurred by unintended operation may cause Qnavi After Sales service void.

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▲ **Warning**

- During installation  ignition key should be taken off and after all installation finish connect power cable with interface for the last step.

- Power cable should be separated when connecting interface.

- Should be no any electronic devices or magnetic pole around installation place.

- All steps of installation should be done by well-trained specialist.

- Dismantling without manufacturer's permission can not be guaranteed, (No permission to break attached label on the board.)

- Kindly check all parts are in the box, when receiving the product, if anything missing, inform to the supplier or manufacturer. According to our sales policy, any problems caused by user's mistake, careless can not be guaranteed.

# 1. Features

- **Android 4.2.2 (Jelly Bean)**

- **Processing Speed improvement**

  **(1GHz Cortex A9 Dual-Core CPU )**

- **Video output** **(400x240 LVDS)**

- **Support a variety of multimedia ports**

  **(3\*A/V Input, 1\*Rear Camera Input, 1\*MIC, 1\*SPK, AUX OUT\*1)**

- **Support a variety of ways to store and communicate**

  **(4\*USB 2.0, 1\*SDHC Slot, 1\*OTG)**

- **PAS** **(Parking Assistance System)**

# 2. General Specification

| | |
|---|---|
| OS | Android 4.2.2 (Jelly Bean) |
| CPU | Telechips TCC8930 (1GHz Cortex A9 Dual Core) |
| Display | OEM LCD |
| Internal Memory | DDR3 1GB RAM + 8GB eMMC |
| External Memory | SDHC Slot Support (up to 64GB) |
| Function | A/V Input x 3,<br>Rear Cam Input x 1,<br>CAN(Controller Area Network) x 2,<br>Mic x 1,<br>External Speaker x 1 (mono),<br>External Audio Out x 1(Car Aux), |
| Output | LVDS ( thru Video Interface),<br>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

## ※ Steering wheel

Long Press : Switch to Q-ROI
Short Press : Switch to OEM

Long Press : Reset Q-ROI



Long Press : Switch to Q-ROI
Short Press : Switch to OEM

## ※ MMI

Long Press : Switch to Q-ROI
Short Press : Switch to OEM

Long Press : Reset Q-ROI
(If no button of Return, Use Back Button)

# 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
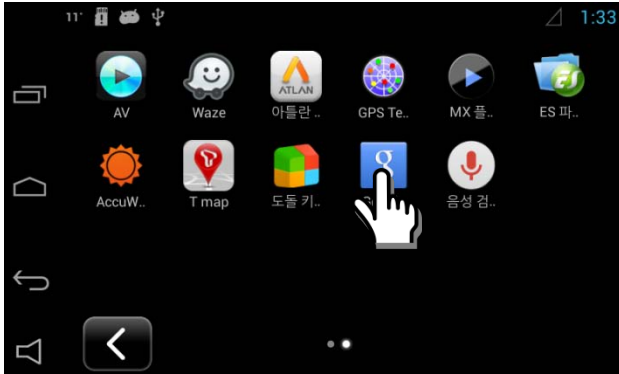


1. Long press your desired app in app drawer
.
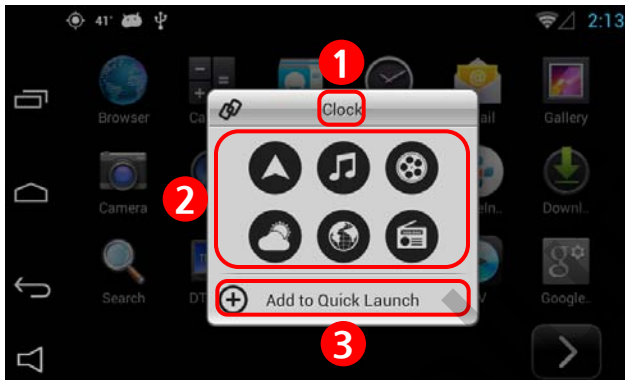


**2. App change window**

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.
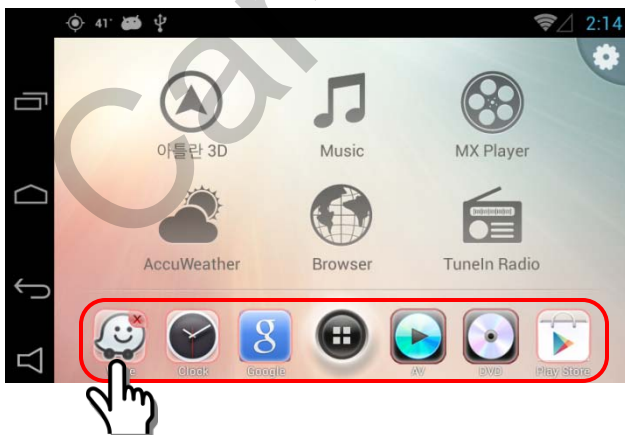


**3. Favorite Apps icon move and removal**

• 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

Side Bar 👉
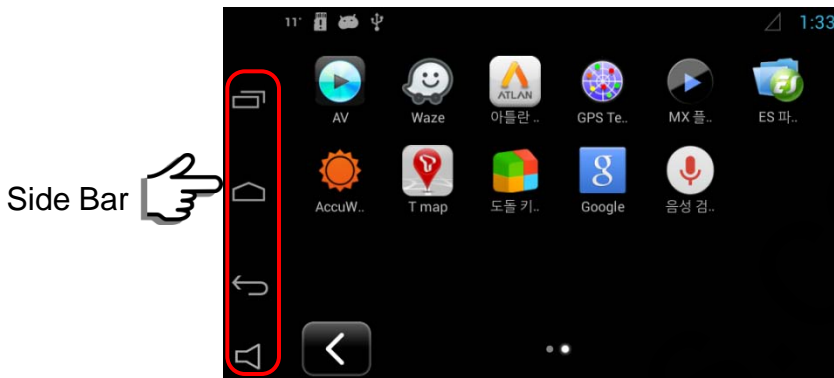
: User can see running applications and  manage them.
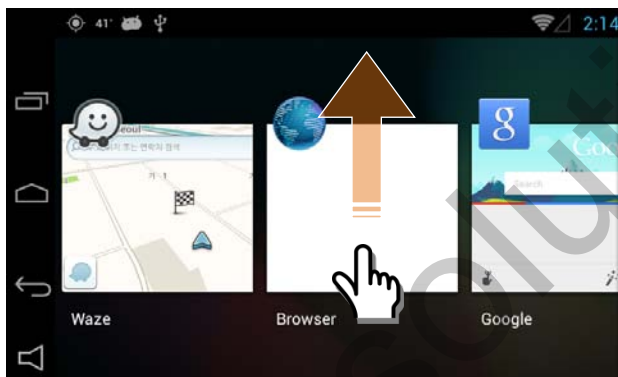
• Once user press this button, all running apps appear.

• 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
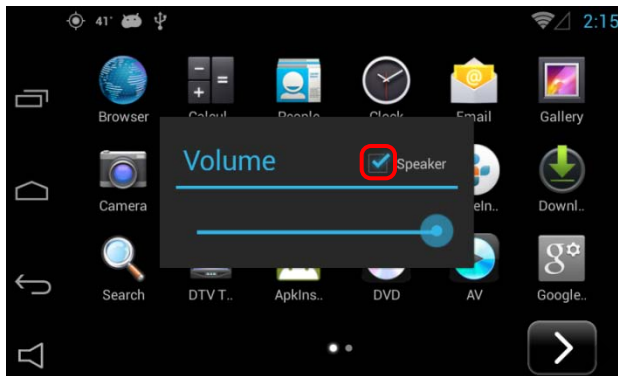


• Once press this button, Sound window pops up.

• 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
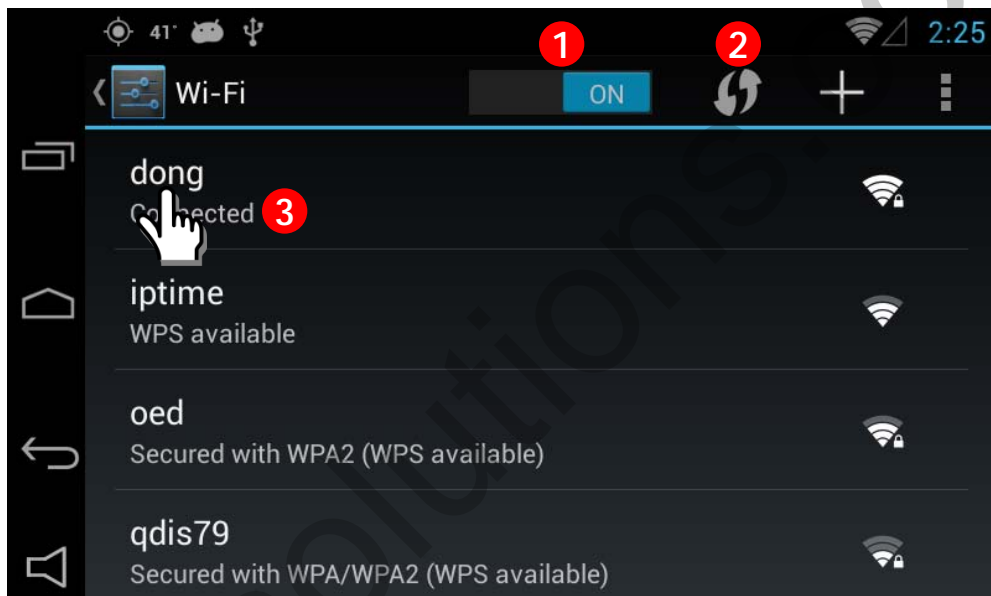


① **Wi-Fi ON/OFF**

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
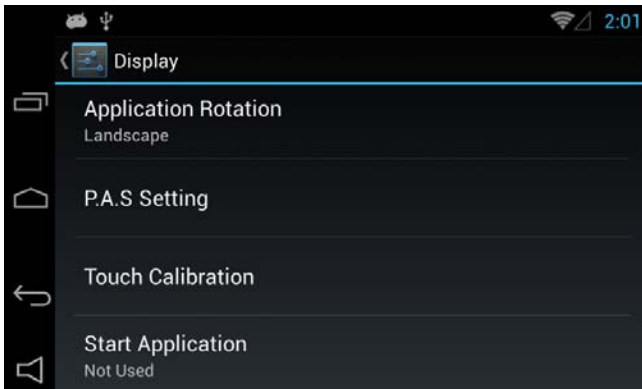


• Press the Display button and The screen shall be shown as left photo.
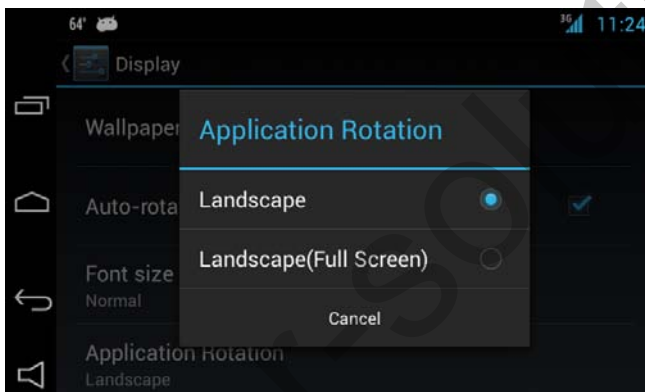


• Press 'Application Rotation' and you can select two options.
(Landscape or Full Screen)



<Landscape mode>



<Landscape-Full Screen mode>
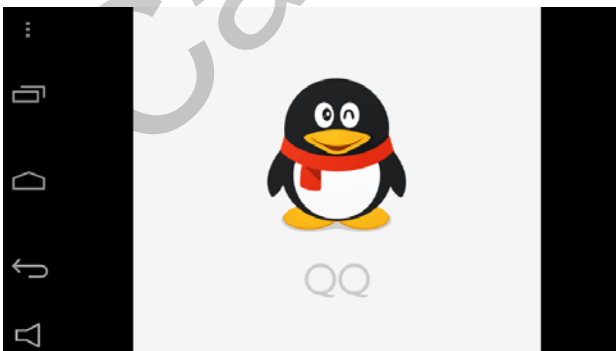
# 5. Setting

## 5.3 Q-ROI SETTINGS

⊞ APPs ▶ ▦ Setting ▶ QROI Setting

Or simply press Setting button ⚙ ▶ QROI Setting
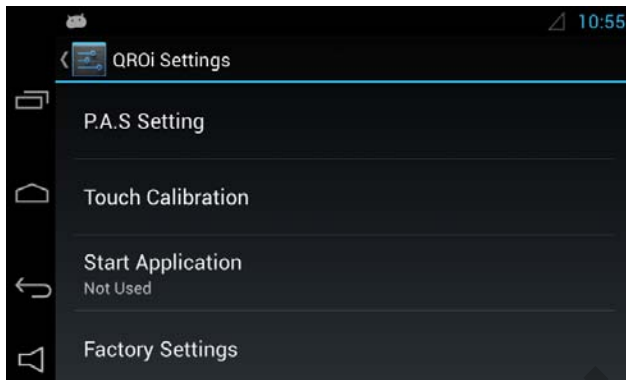


• Please refer to the left image
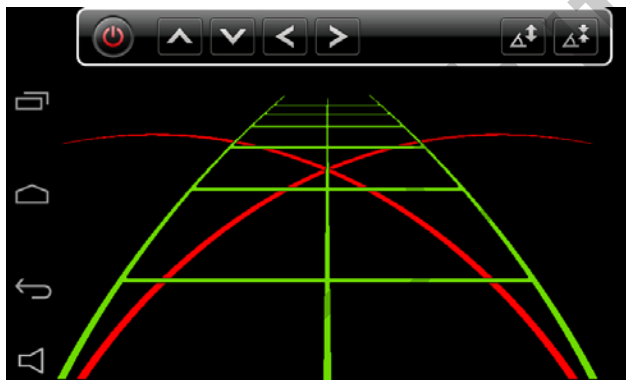


• Select 'P.A.S Setting' to set up Parking guide line
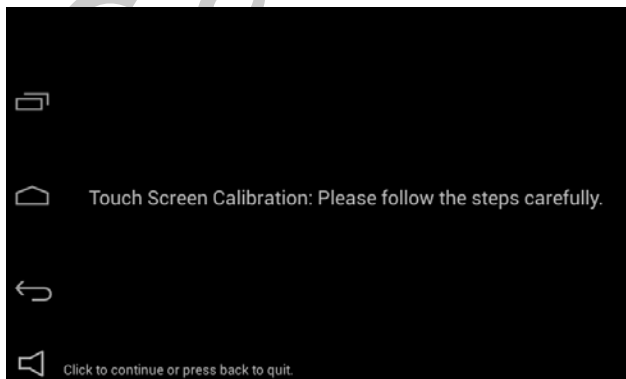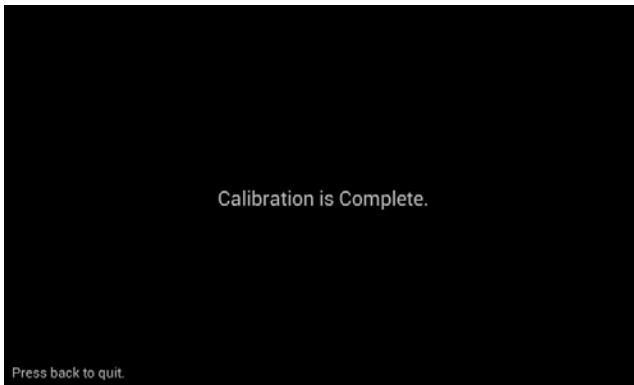


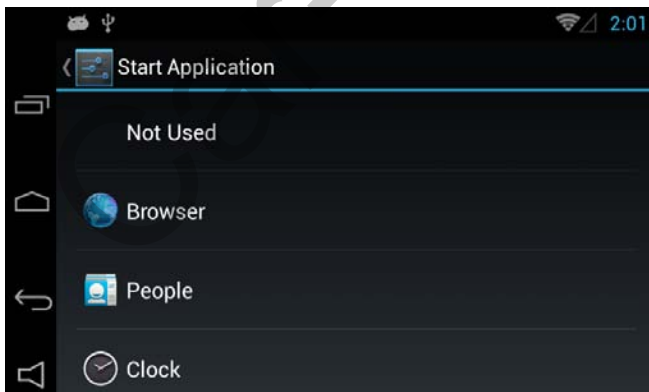• Select 'Touch calibration'

# 5. Setting
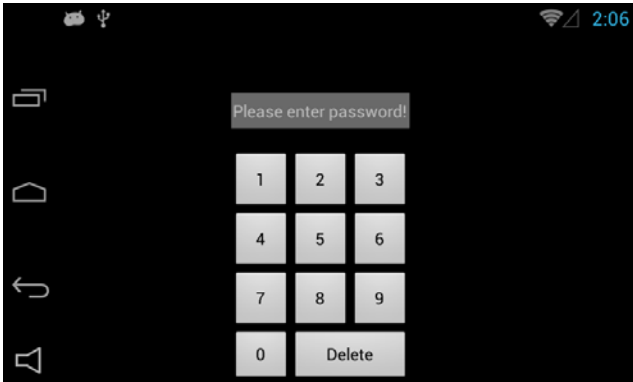
## 5.3 Q-ROI SETTINGS



• Press the targets in order



• It is shown after completion of touch calibration.



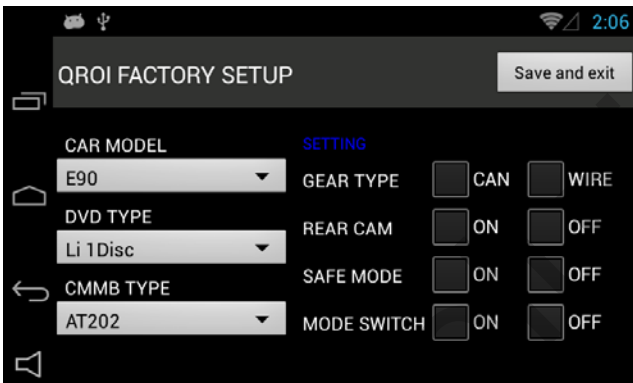• Select 'Start Application' to set up startup programs

# 5. Setting

## 5.3 Q-ROI SETTINGS



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

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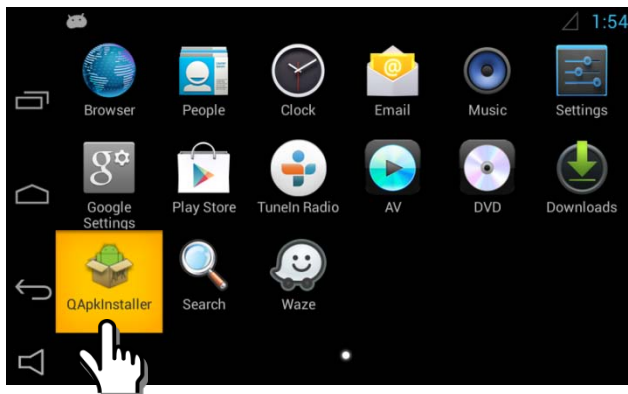   (It is required to ask the manufacturer to
   get the password)



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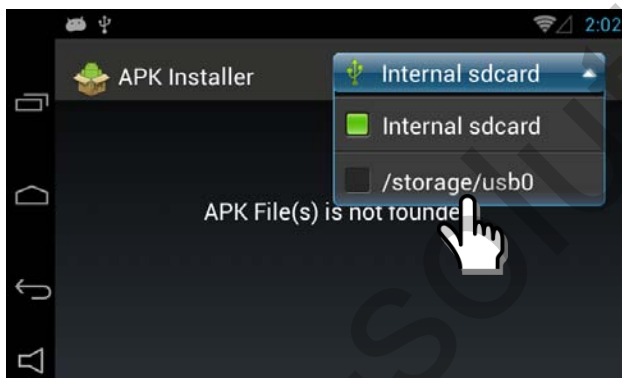  - DTV TYPE

# 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
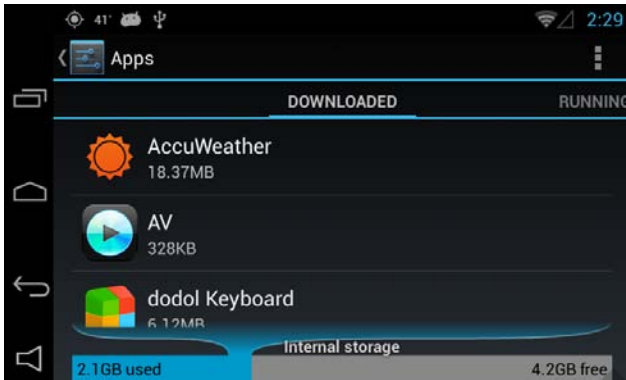
  : Installation Completed
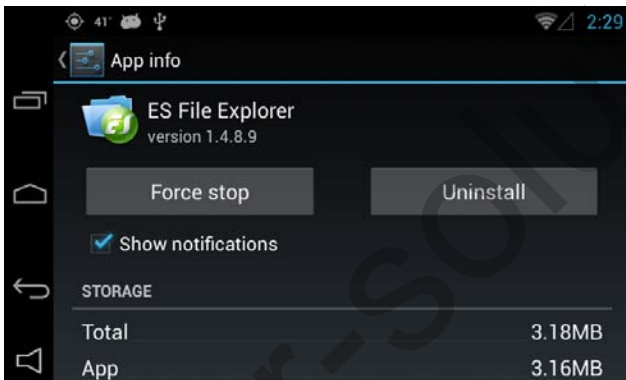
  : Not installed

# 5. Setting

## 5.5 Management of Apps

※ Able to manage installed Apps

**⊞ Apps▶** **⧉ Setting ▶ Apps**
**Or simply press Setting button ⚙ ▶ Apps**



•Please refer to the left image.



•Able to stop or uninstall applications.

# 5. Setting

## 5.6 System update

Apps ▶ ▶ **About QROI**
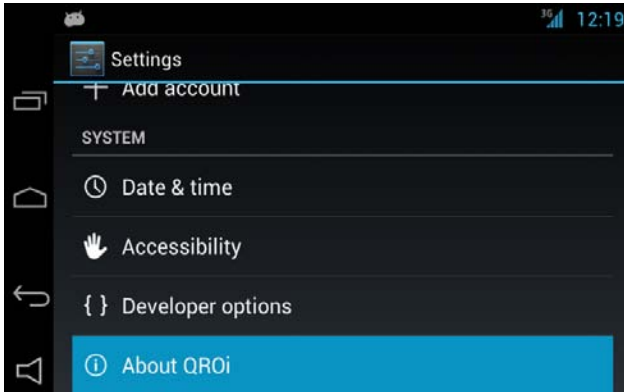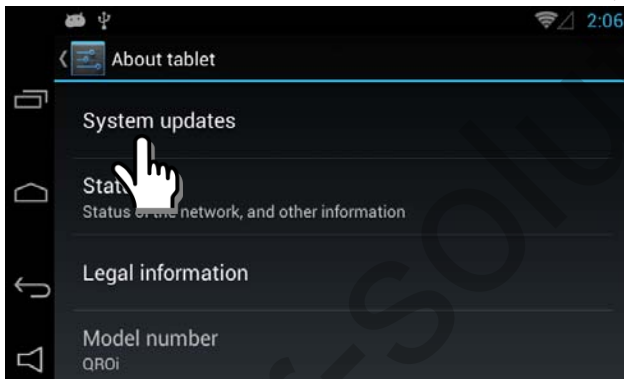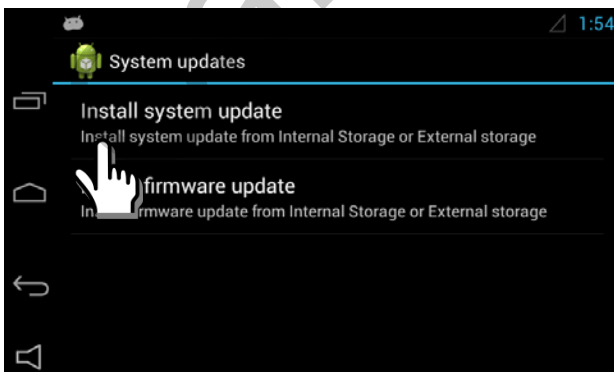
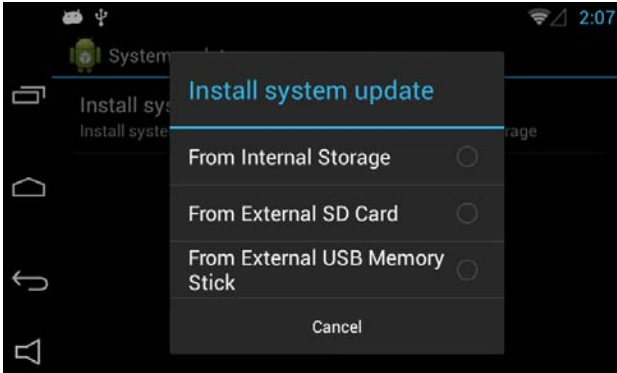**simply press Setting button** ▶ **About QROI**

• Select 'About QROI'

• Select 'System update'

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

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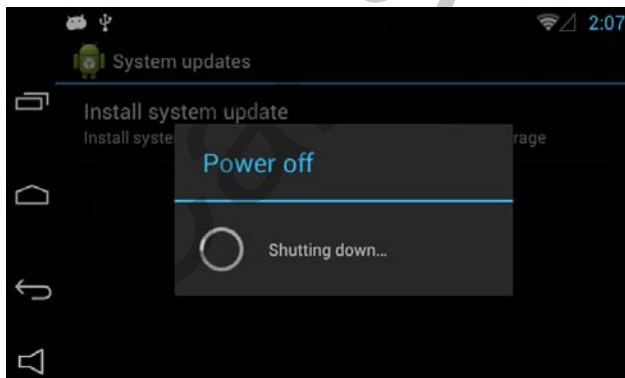  (Use fw.qvl)

# 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

# 6. Quality Warranty

This product has been tested and have passed under our strict quality control. If the failure occurred due to the carelessness of workmanship within one year after the purchase, we are responsible to repair free of charge.
Please bring this warranty to dealer whom you purchased this product from at the repair time. Should this warranty not presented, repair charged will be on customer. Please keep this warranty card.

| Warranty | | | |
|---|---|---|---|
| Product name | QROI | | |
| Warranty period | 1 year | Purchase date (yy/mm/dd) | |
| Customer | Address | | |
| | TEL | | |
| | Name | | |
| Dealer | Address | | |
| | Name | | |

# MEMO