

Installation Manual

Q-ROI-INFINITY Q50

Warning / Precautions!



Warning

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



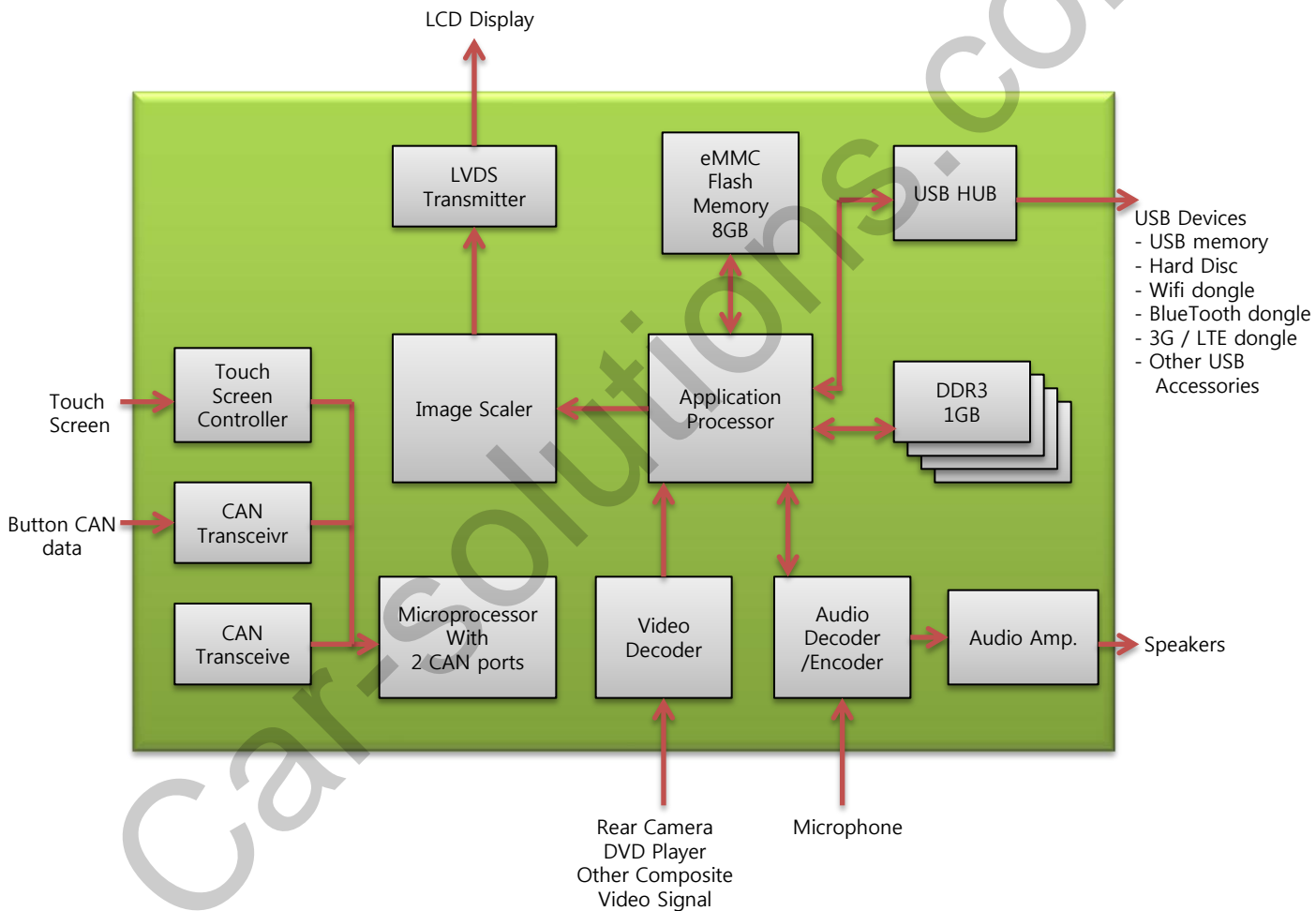
Warning

- Always wear seatbelt. When the vehicle is suddenly stop can cause injury.
- Remove dust, oil, and waste on the display.
- Incidental damages (including, without limitation, consequential damages due to the use of this unit and the dead loss of business profit, changes, loss of memory contents, etc) will not be taken responsibility.
- Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.
- The engine is off while the system operates for long time, battery may be discharged.
- This product is not a substitute for your personal judgment. Any route suggested by this navigation system may never supersede any local traffic regulation. Do not follow route suggestions if the navigation system instructs you to perform an unsafe or illegal maneuver.

1. 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

2. System Diagram



3. Components



WIFI dongle * 1ea(Option)
(ETCETC0110)



Sub-Board * 1ea



LCD cable * 1ea
(HLVDSC0030)



LVDS cable* 1ea
(HALVDSC0024)



Power cable 16P * 1ea
(HPOWER0079)



GPS Antenna * 1ea
(GPSANT0006)



Multi cable * 1ea
(HARETC0068)



AV/BT Cable * 1ea
(HAVCAB0020)



USB cable * 2ea
(HARETC0027)



MODE switch cable* 1ea
(HARETC0001)



Microphone cable * 1ea
(MICPHO0001)



Speaker * 1ea
(SPEAKE0001)



REAR CAMERA cable * 1ea
(HARETC0002)

4. OEM Buttons



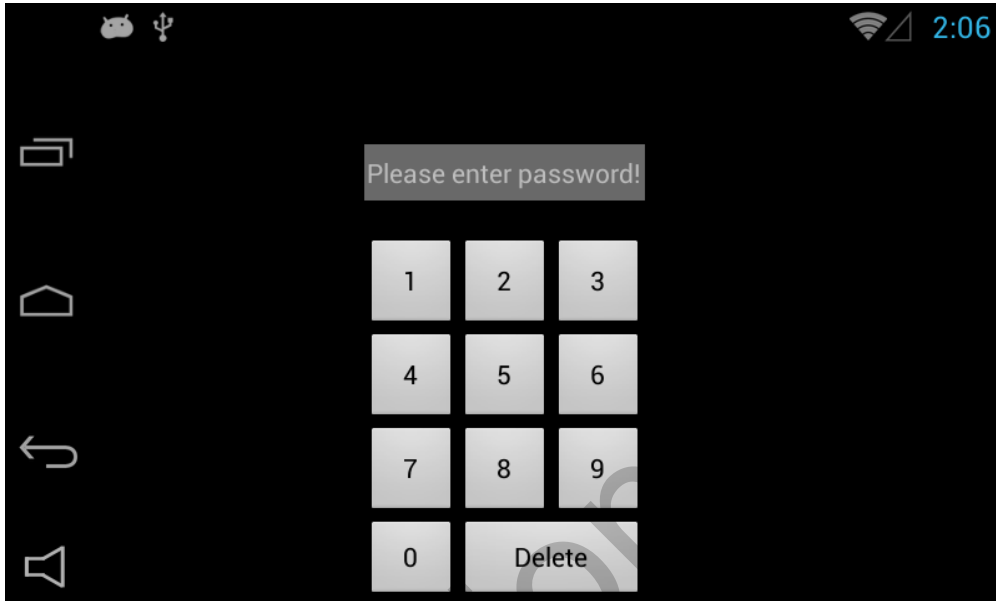
Long Press : Q-ROI Mode
Short Press : OEM Mode

5. Cautions before installation

- Ignition key should be taken off before starting installation, interface power connection must be the last step in installation.
- 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.
- Install GPS away from electromagnetic devices such as black boxes, Hi-Pass and etc.
- Advisable to Install GPS at the edge of dash board or a front window or a rear window.
- Install GPS antenna mounted on window or roof facing to Sky .

6. Installation

6.1 Factory Menu



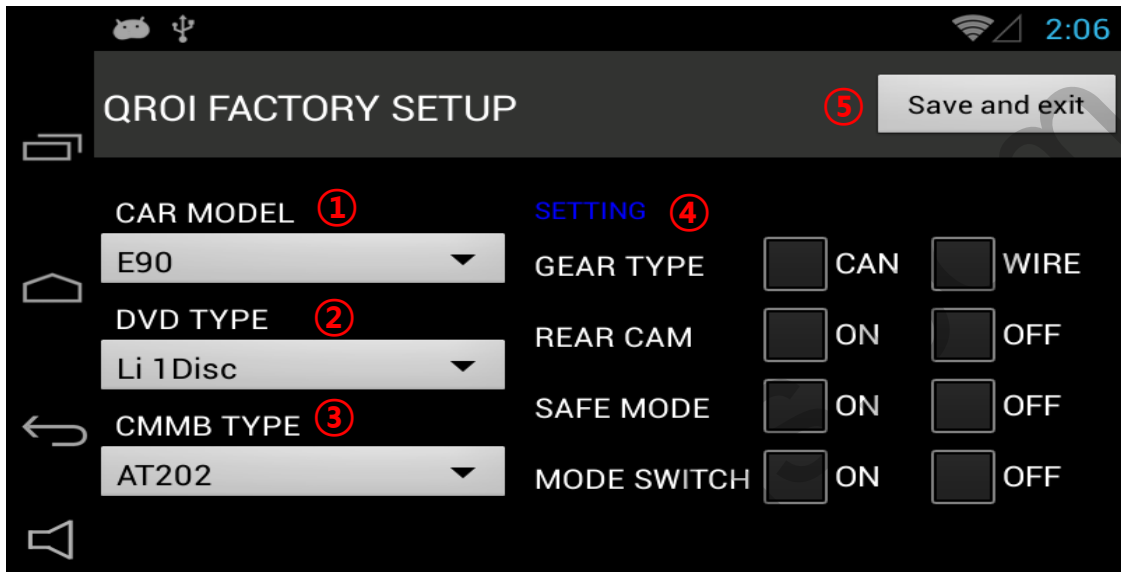
※ APPS→FACTORY SETTING

- ① Put Password and change program upgrade and set-up of external device. (Only Installers are authorized)

※ Please contact the manufacturer to get Password.

6. Installation

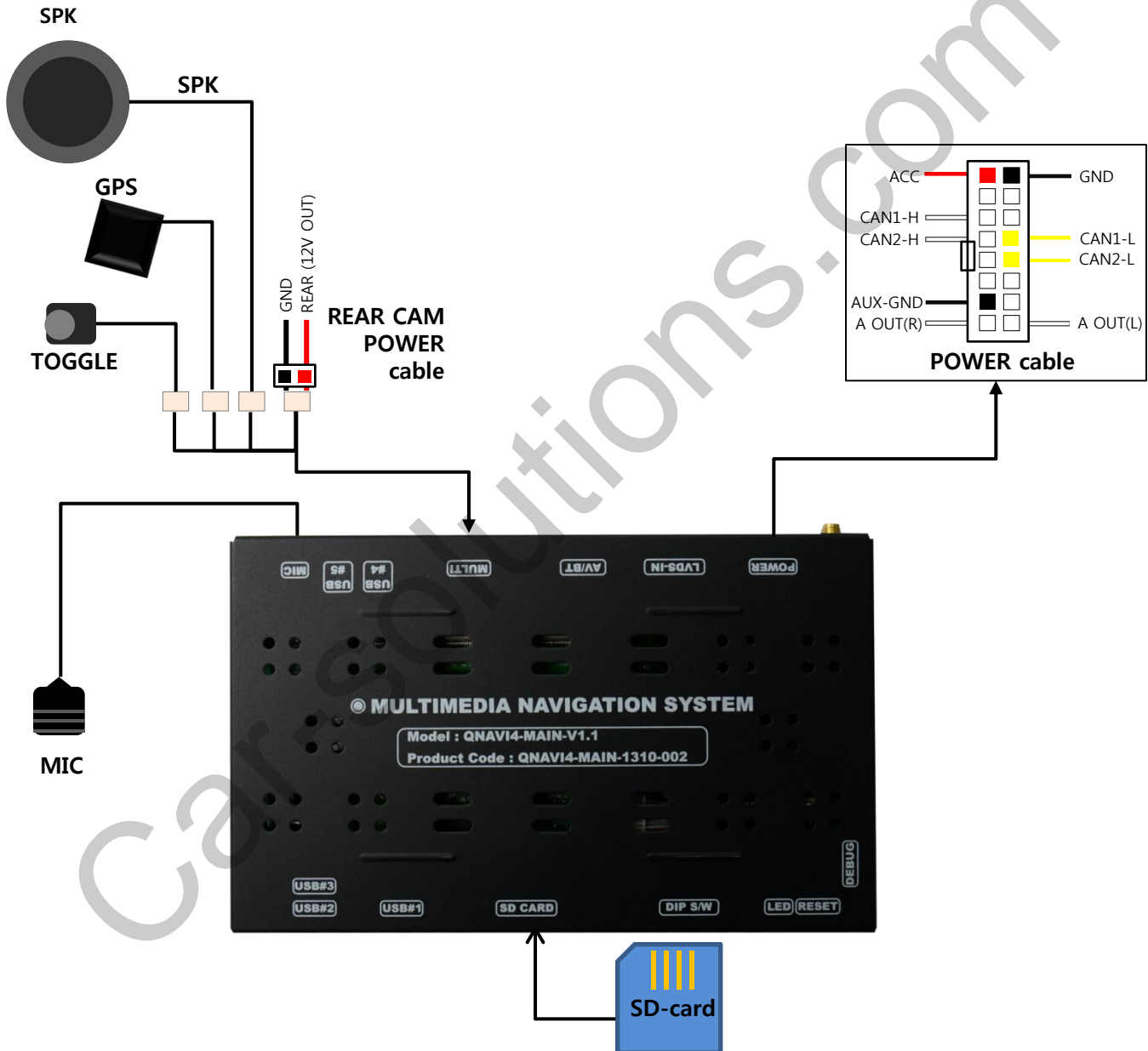
6.2 Factory Menu



- ① CAR MODEL : No use
- ② DVD TYPE : Only for DVD connected to A/V
(Connect IR-AV1 to DVD to use DVD as touch Screen)
- ③ CMMB SELECT : Select DTV model (Only Chinese)
- ④ SETTING
 - GEAR CHECK TYPE : Detecting rear camera via either CAN or Rear Lamp.
 - REAR CAM : Put "On" – External rear camera
Put "Off " – OEM Camera
 - SAFE MODE : Either Enable or Unable to watch Video while driving
 - MODE SWITCH : **NO use**
- ⑤ SAVE & EXIT : Save and Reboot

6. Installation

6.3 Installation Diagram

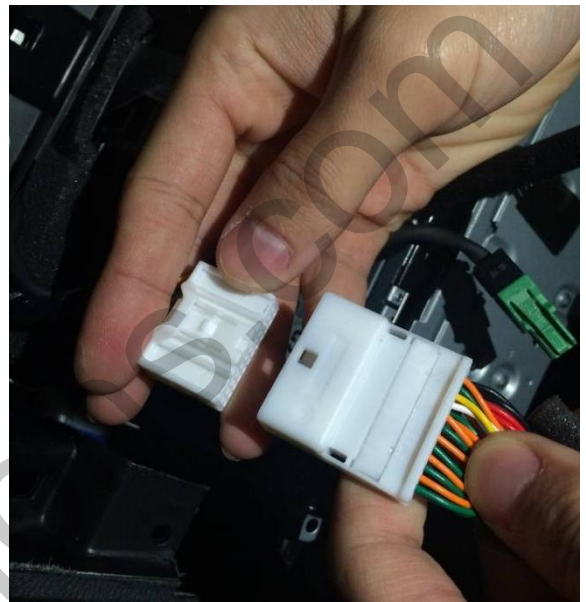


6. Installation

6.4 Plug & Play Power cable



① Pull away a OEM cable behind the monitor.



② Connect the OEM cable to the supplied female power cable.



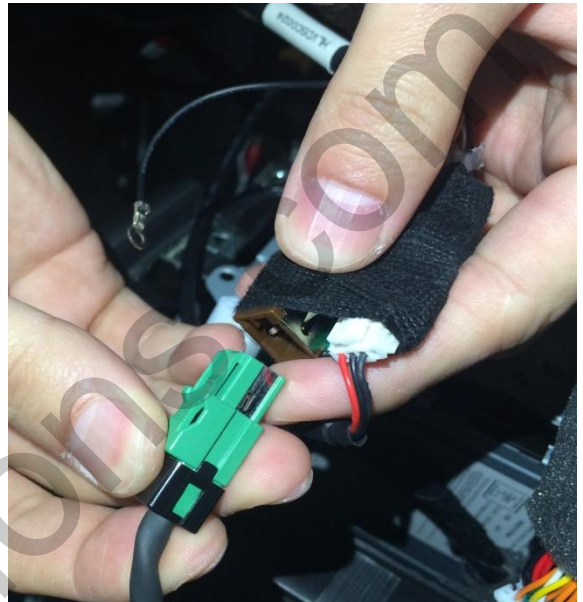
③ Connect the opposite side of supplied power cable to the port where the OEM cable used to be

6. Installation

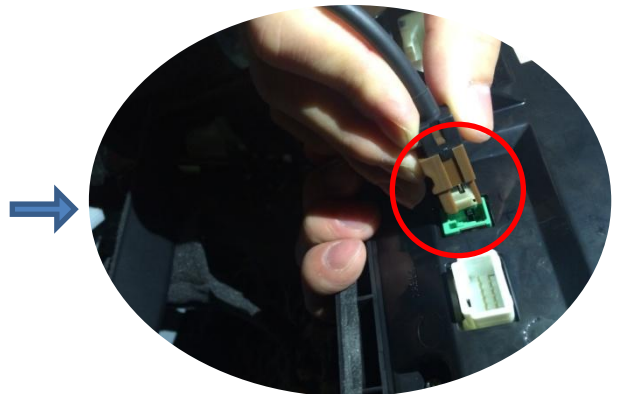
6.5 Plug & Play LCD Cable



① Pull away a green color OEM LCD cable marked in red circle.



② Connect OEM LCD cable to a supplied sub-board.



③ Connect a supplied LCD cable to the sub-board and connect brown connector to the port in monitor where the OEM LCD cable was connected.