

Navigation System for VW Installation Manual

Update Date	2013.5.12
Model	QNAVI3-1CH-MAIN-2.5
Firmware Date	130813-N

Warning



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.



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.

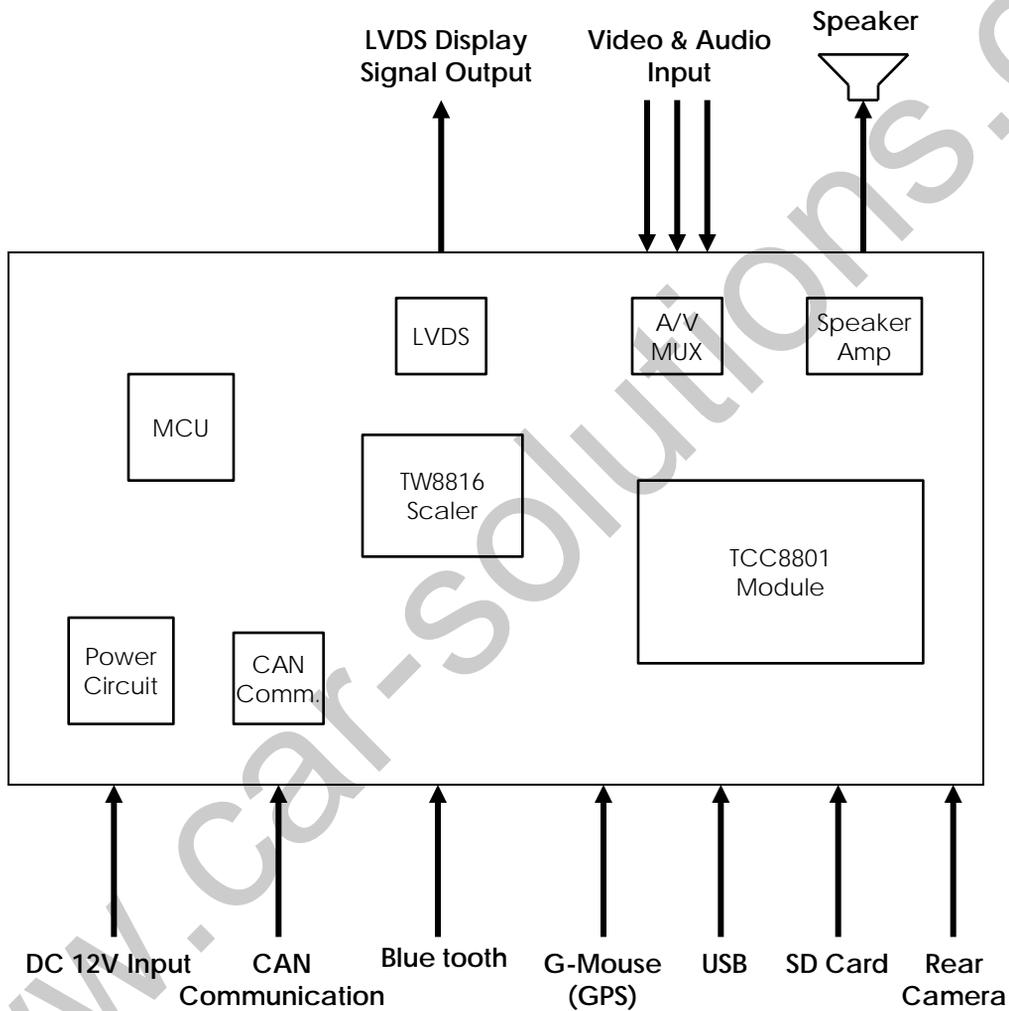
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1. General Spec

INDEX	CONTENTS	INDEX	CONTENTS
CPU	Telechips TCC8801 (ARM Cortex A8), 2.12GHz	Main Memory	ROM 2GB NAND Flash MLC , 512MB DDR2
OS	Windows CE 6.0	External Memory	SDHC (~32GB)
Display	OEM LCD	USB	2.0 (support for recognition of HOST, CLIENT)
GPS	STA8088FG, ST Microelectronics, NMEA 0183, 9600/1 (board rate/port)	SD Card	SD/SDHC(TOSHIBA SDHC Class6)
Audio	MP3, WMA, MP2, OGG, AAC, FLAC, APE	Movie	AVI, ASF, MPG, MP4, RMFF, FLV, M2TS, TS /TP, MKV, WMV
Power	AC power - DC10V ~ DC16V	Operation Temperature	-20°C ~ 70°C
Speaker	1watts, 1 way mono		
External AV IN	Available	External AV OUT	Available

2. System Diagram



3. Component



B/T board * 1ea



LVDS cable * 1ea
(HLVDS0014)



Sub-board * 1ea



LCD cable * 1ea
(HLCDC0007)



CAN IN/OUT cable * 1ea
(HARETC0076)



Microphone cable * 1ea
(MICPHO0001)



Main board * 1ea



Power cable 16P * 1ea
(HPOWER0041)



GPS * 1ea
(GPSANT0006)



Multi cable * 1ea
(HARETC0068)



AV/BT Cable * 1ea
(HAVCAB0016)



USB cable * 1ea
(HARETC0027)



MODE switch cable * 1ea
(HARETC0001)



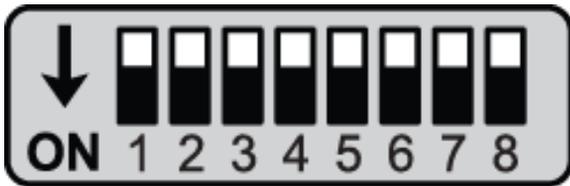
Speaker * 1ea
(SPEAKE0001)



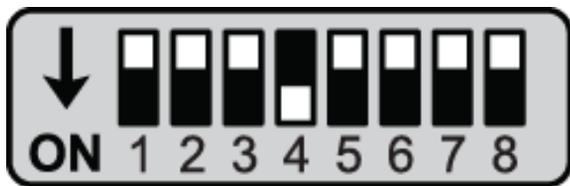
REAR CAMERA cable * 1ea
(HARETC0002)

4. Dip Switch(I/F)

※ ON : DOWN, OFF : UP



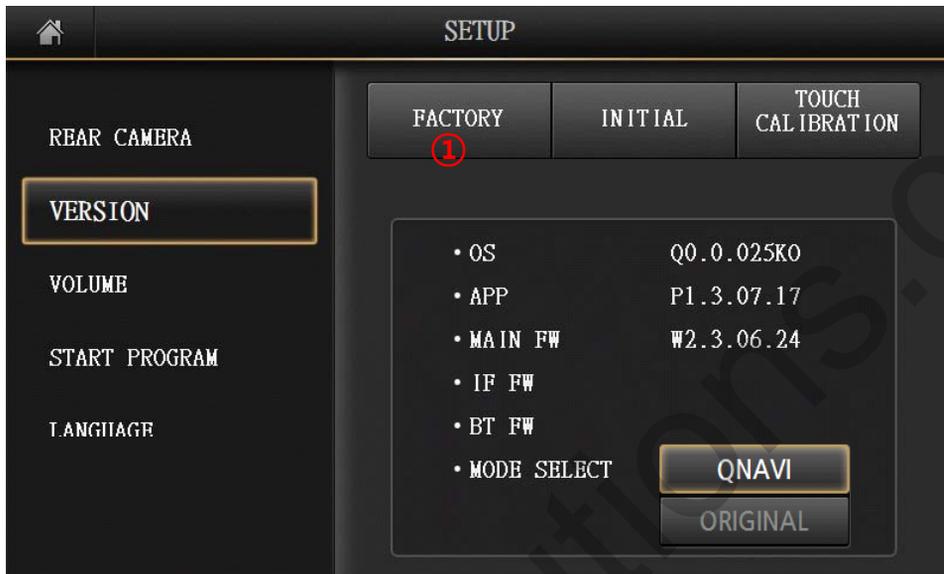
: 5.8" Low resolution monitor



: 8" High resolution monitor

※ Please make sure to disconnect the power cable of the interface and reconnect the power cable again to apply the dip switch setting whenever changing DIP switch. Otherwise, DIP switch setting will not be applied.

5. Set Factory Menu



※ Main Menu → Setup → Version, find FACTORY menu

① FACTORY : Upgrade program and change external device settings

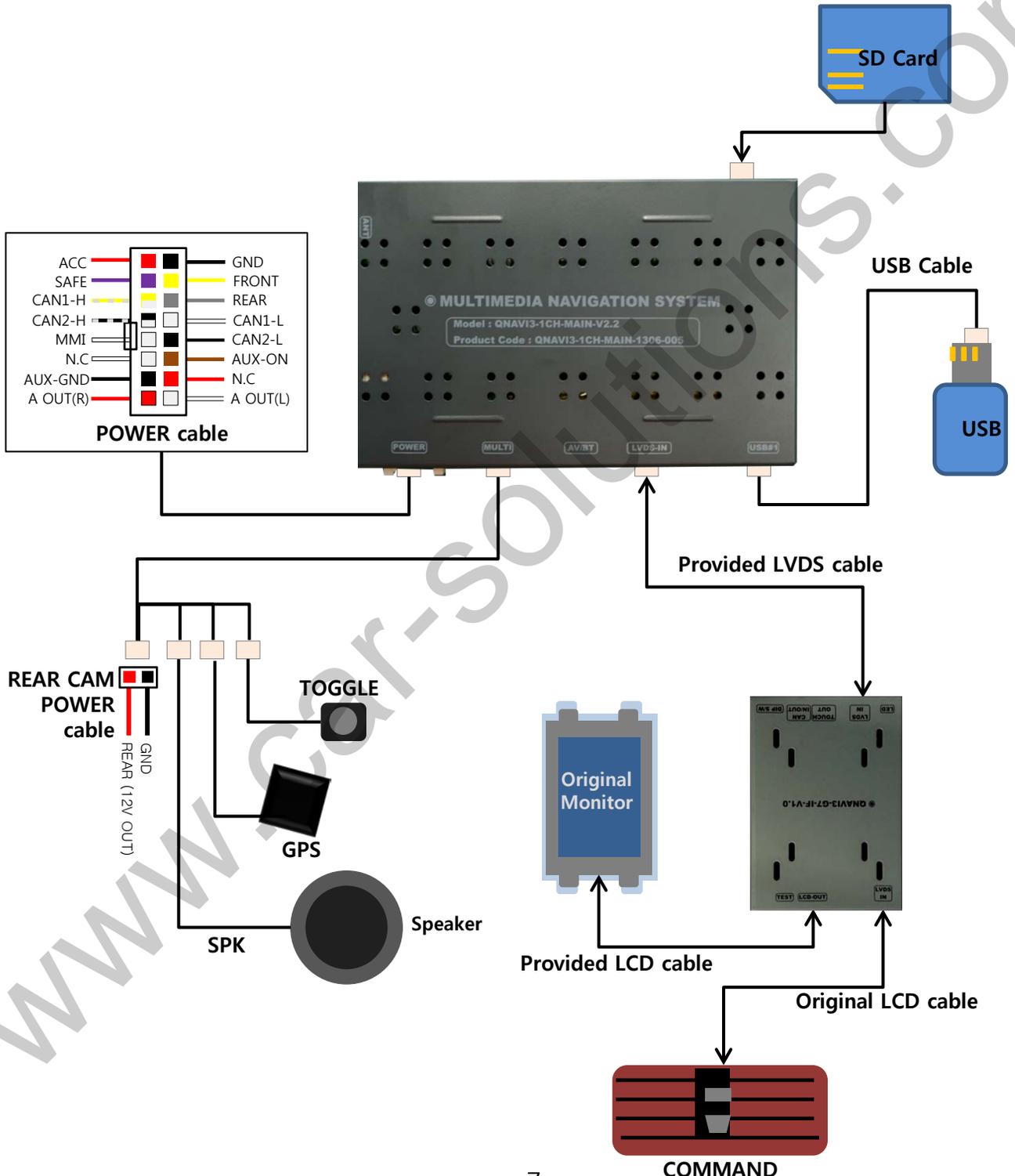
(Password : 4291) – Only for installer

5. Set Factory Menu



- ① CAR MODEL : NO USE
- ② DVD TYPE : set connected DVD on A/V
(connect IR-AV1 wire with DVD, DVD can be control through touch screen)
- ③ CMMB SELECT : choose DTV model (only for Chinese version)
- ④ UPGRADE : upgrade O/S, APP, BT, FW
- ⑤ DEFAULT : Reset settings
- ⑥ SAVE & REBOOT
- ⑦ GEAR CHECK TYPE : Choose signal recognition method for
detect rear gear (CAN or Wire)
- ⑧ REAR CAM : While using external rear camera "ON".
While using OEM camera "OFF"
- ⑨ Safe Mode : Set watching video while driving
- ⑩ MODE SWITCH : NO USE
- ⑪ START UPGRADE : Start upgrading

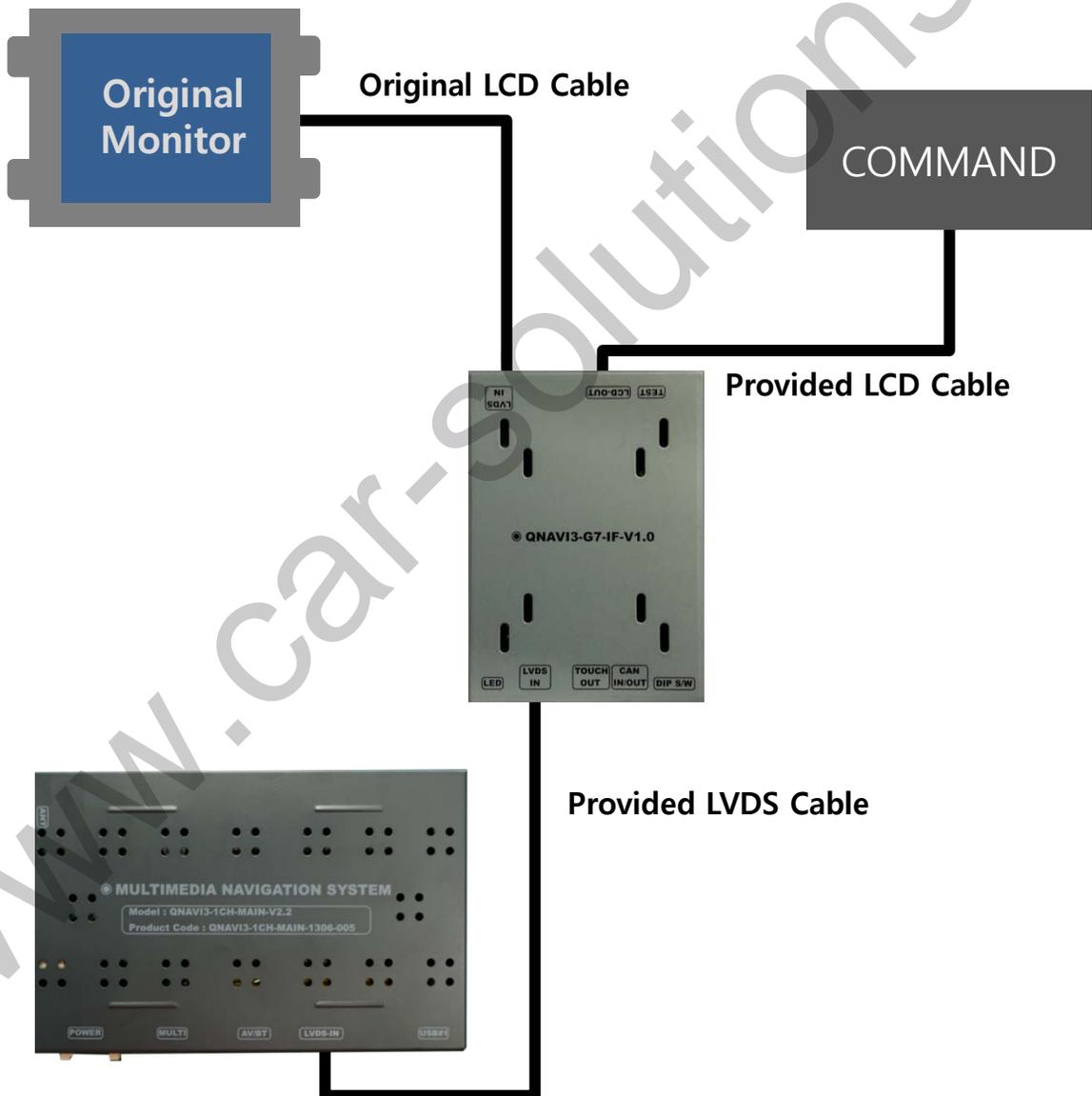
6. Installation Diagram



7. Installation

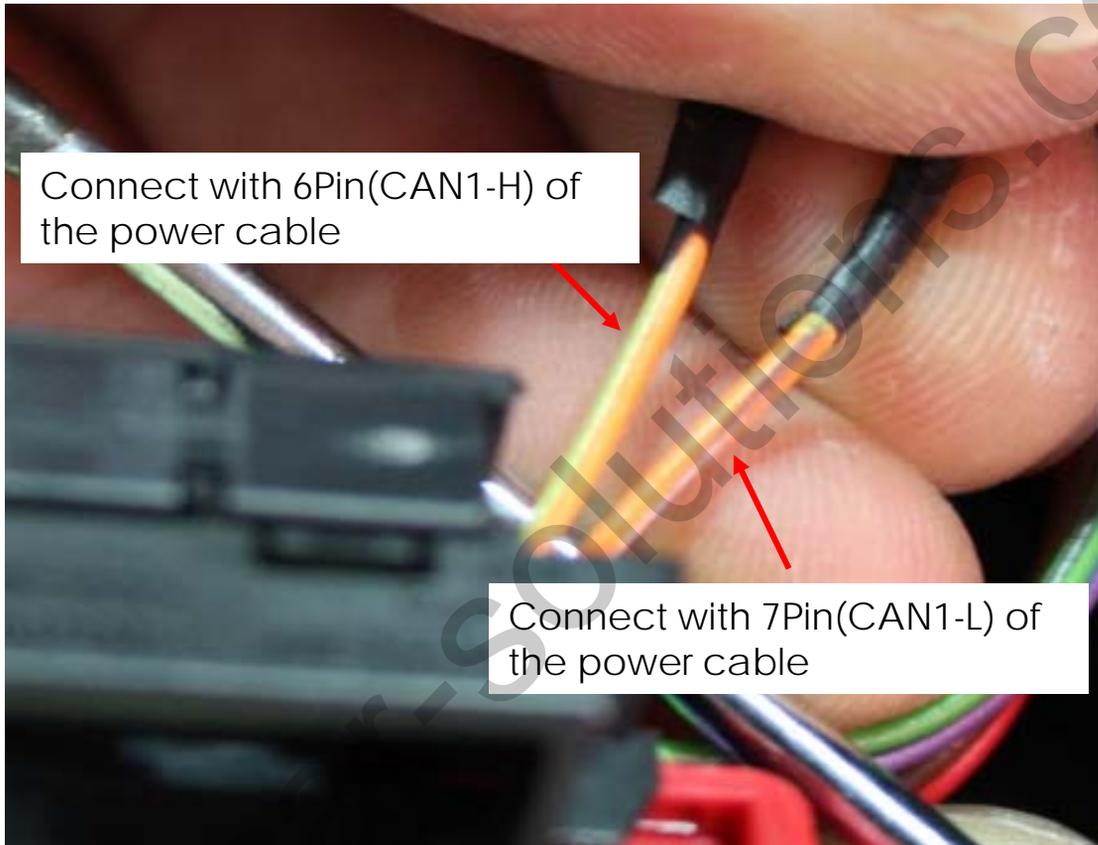
1. Connecting LVDS cable

※ Provided LVDS cable connect to "LVDS IN" on Sub-board. And Provided LCD Cable connect to Command with "LCD-OUT" on Sub-board. And then Original LCD Cable connect to "LVDS IN" on Sub-board



7. Installation

2. Connecting CAN Wires



User can find Can wires behind of the car air- conditioning equipment

- * CAN-High(Orange+Green) of the car connect with provided CAN1-H(Yellow+White) of the power cable
- * CAN-Low(Orange+Green)or the car connect with provided CAN1-L(White) of the power cable

7. Installation

3. CAN IN/OUT



① Take out a Black connector from behind of a Monitor



② Separate Black plastic part



③ Black connector which was plugged black plastic part assemble with White part of the provided "CAN IN/OUT" cable



④ After The opposite connector of Provided "CAN IN/OUT" cable assemble the black plastic part, connect to behind of monitor

8. 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	QNAVI-PRO-Golf		
Warranty period	1 year	Purchase date (yy/mm/dd)	
Customer	Address		
	TEL		
	Name		
Dealer	Address		
	Name		