

Warning / Caution



Warning

- When installing the main unit, do not remove or alter existing vehicle fasteners, including nuts, bolts, screw, clips, and fittings. Never detach, move or alter existing vehicle wiring, including electrical grounds and straps. Alteration of existing vehicle components may make vehicle unsafe to operate. Should be no any electronic devices or magnetic pole around installation place.
- Air bags are vital part of a safety system. Never install main unit in a way which will alter air bag wiring or interfere with air bag deployment. Air bags must function properly in the event of an accident.
- Before installing, check the location of pipe, tank, electrical cables and others.
- Read and follow the instruction manual.
- Wiring location must not interfere driving, get in or out from car.
- Use electrical tape to insulate the ends of all wires, even if they are not used. Proper insulation prevents arcs, shocks and fires.
- When installation is complete, test all vehicle electrical systems to ensure they operate correctly, including lights, horn, brake lights, and emergency flashers.
- According to our sales policy, any problems caused by user's mistake, careless can not be guaranteed.



Caution

- All steps of installation should be done by well-trained specialist.
- During installation ignition key should be taken off and after all installation finish connect power cable with interface for the last step.
- Do not install the main unit in places where it ma be exposed to dew condensation (around the air conditioning hose, etc), or in locations where it may come in contact with water, high levels of moisture, dust or oily smoke
- Install wiring in a manner in which cables will not come in contact with metal parts. The wiring may be damaged by contact with metal parts, resulting in fire and shocks. Avoid all contact with hot surfaces when wiring the main unit. High temperatures may damage wiring, causing shorts, arcing and fires.
- Kindly check all parts are in the box, when receiving the product, if anything missing, inform to the supplier or manufacturer.

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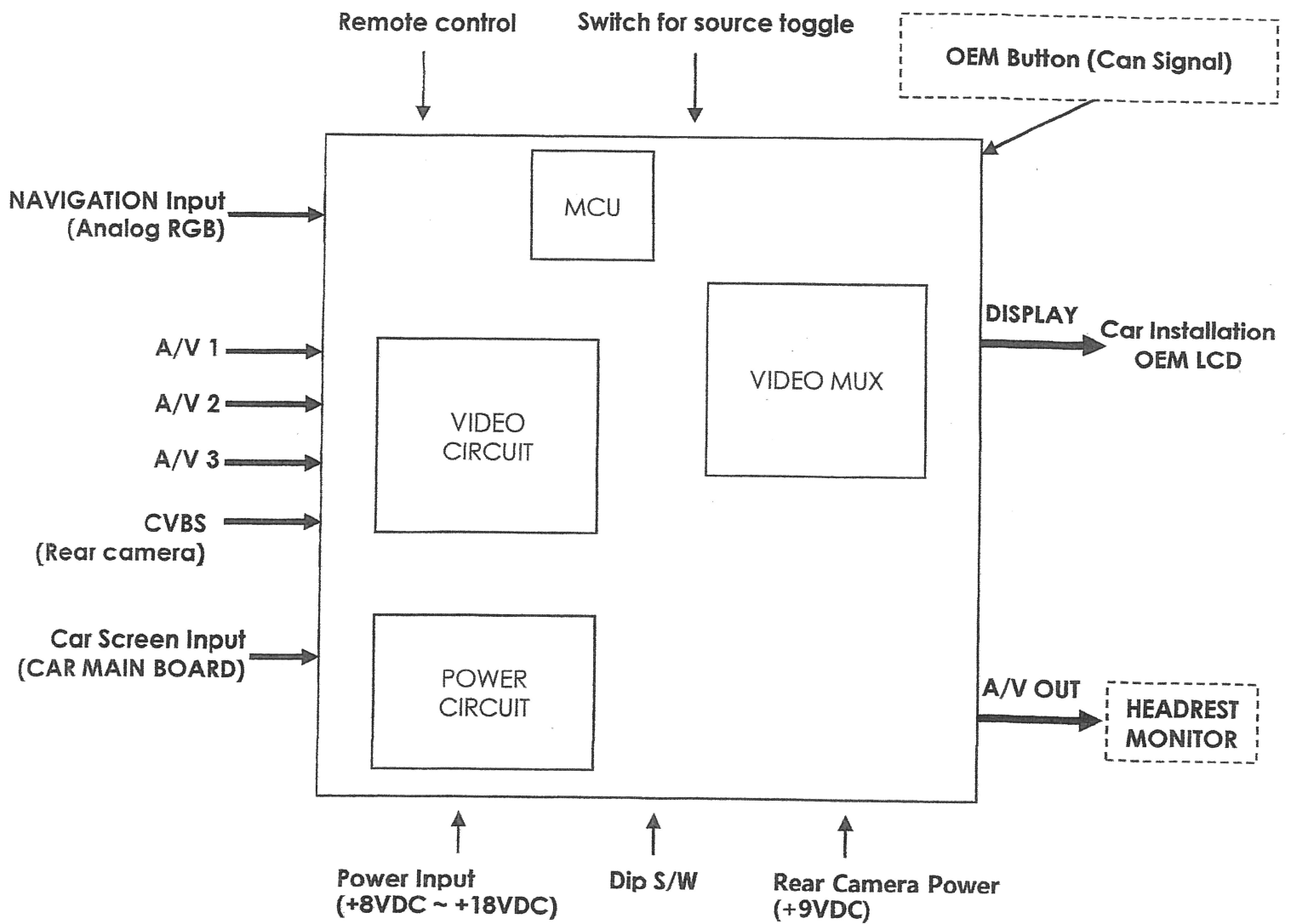
1. Specifications

1.1 Main Specifications

1. Car Compatibility
AUDI Cars in combination with MMI 3G, 3G+
2. Components
Interface* 1EA
3. MULTIMEDIA INTERFACE input specification
 - 3 * A/V input (video external input)
 - 1 * CVBS(Rear Camera) input
 - 1 * Analog RGB input (Navigation system output)
 - 1 * LCD input (Car system input)
4. MULTIMEDIA INTERFACE output specification
 - 1 * LCD output
5. Power specification
Input power : 8VDC ~ 18VDC
Consumed power : 5WATT
6. Switch input mode
 - External display skip function : through DIP switch, can control each video input
 - Through remote control, can change input mode
 - Through CAN or rear lamp cable, rear camera can be detected

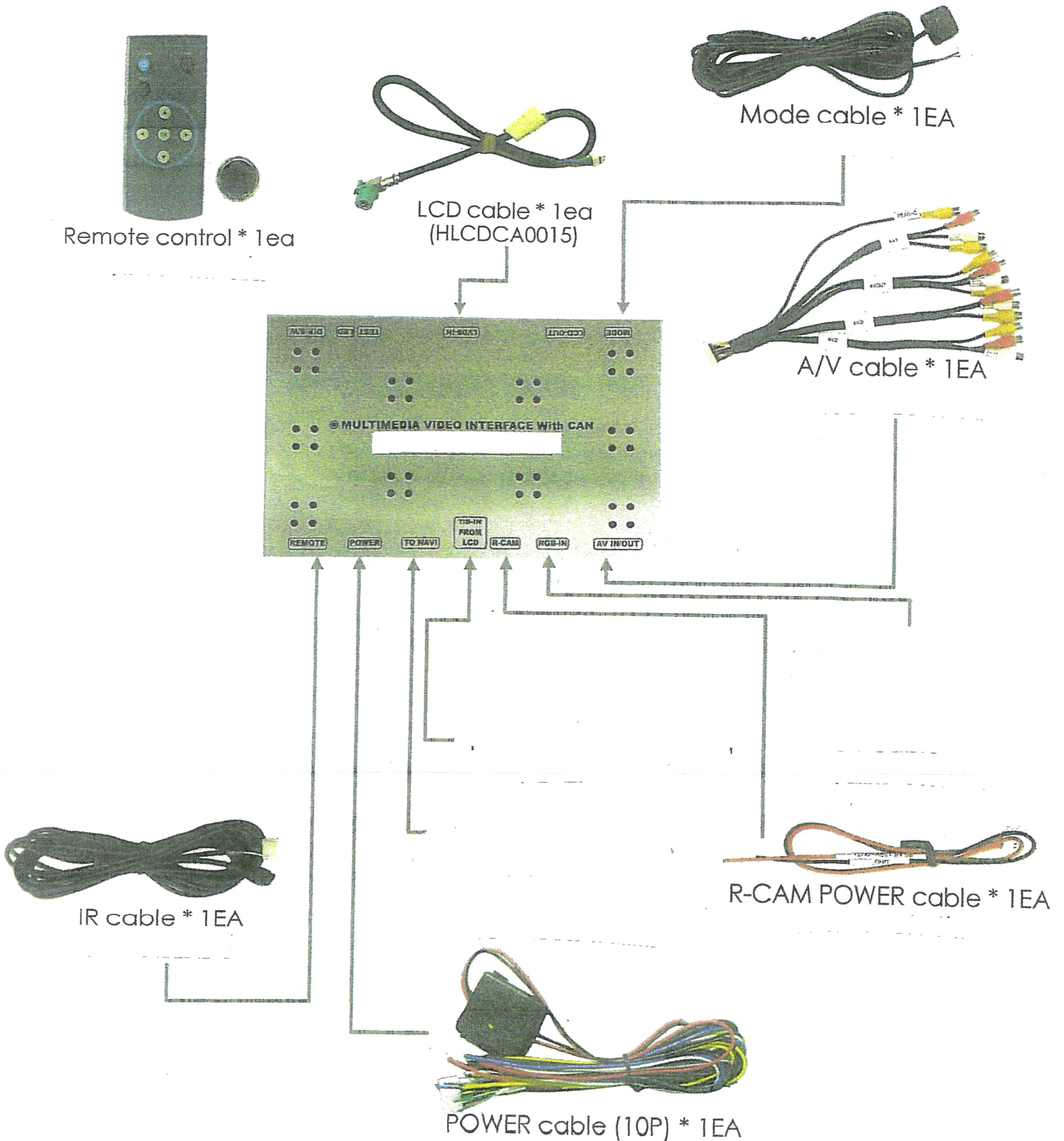
1. Specifications

1.3 System Diagram



1. Specifications

1.4 Components

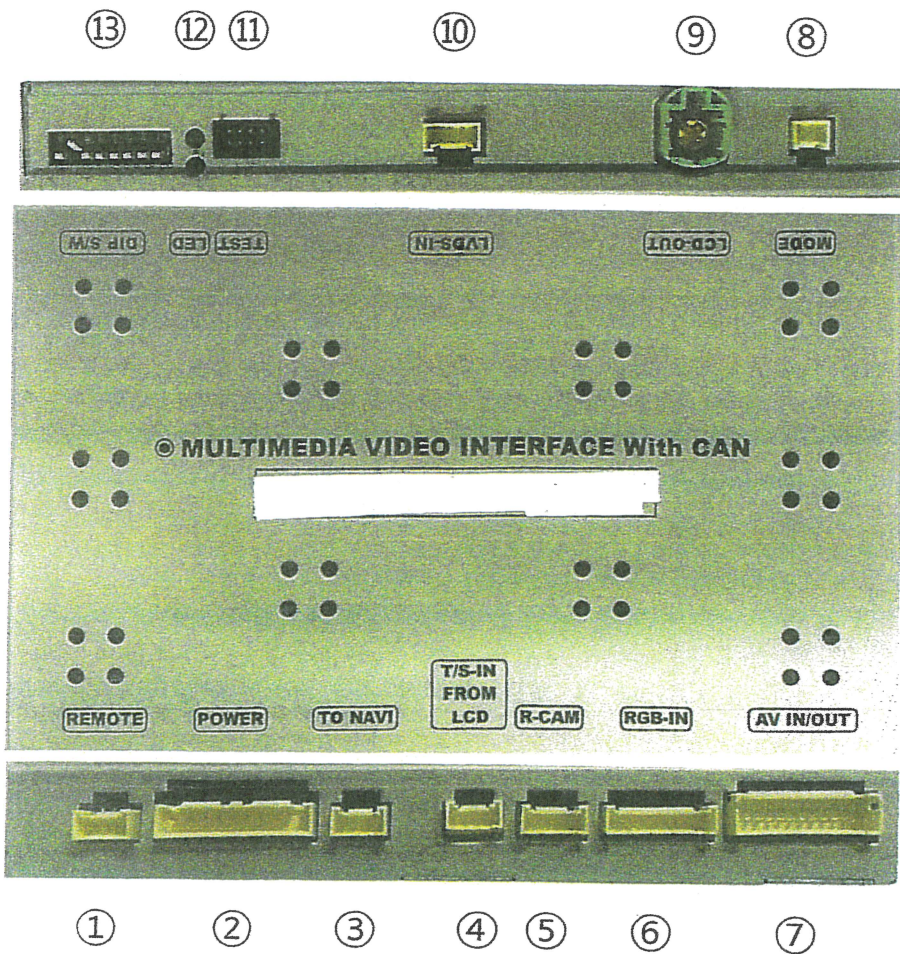


1. Specifications

1.5 Exterior

Dimension

Width 160mm
Length 97.5mm
Height 21.1mm



- ① REMOTE
- ② POWER
- ③ TO NAVI
- ④ T/S-IN FROM LCD
- ⑤ R-CAM
- ⑥ RGB-IN
- ⑦ AV IN/OUT
- ⑧ MODE
- ⑨ LCD-OUT
- ⑩ LVDS-IN
- ⑪ TEST
- ⑫ LED
- ⑬ DIP S/W

2. Installation

2.1 Installation Diagram

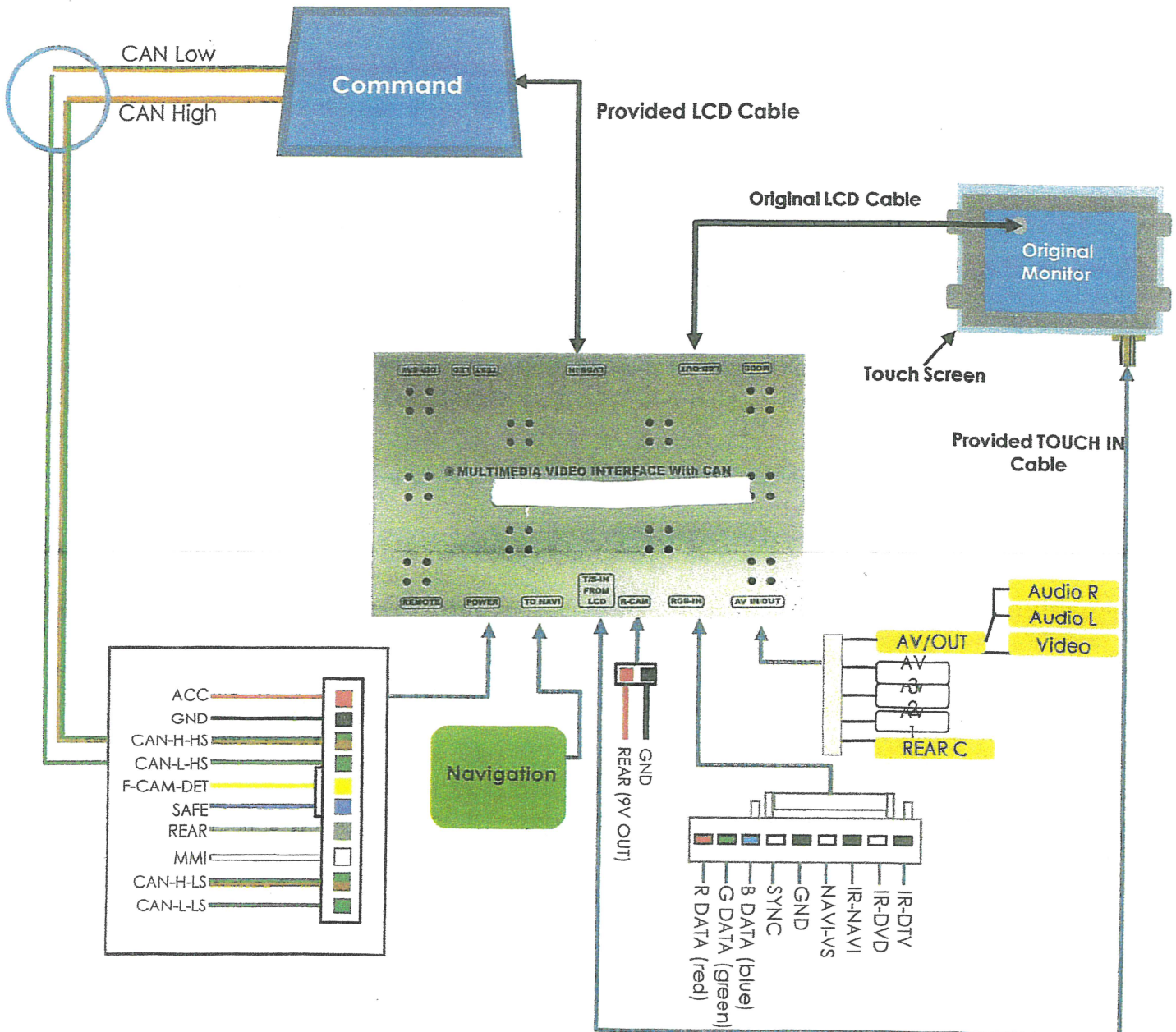
Connecting CAN wire

※ In case of 3G+ Vehicles(Q3, A6, A7)

Connect CAN-H-HS(Brown+Green-3Pin) of the interface to CAN High(Orange+Blue) of the car
 Connect CAN-L-HS(Green-4pin)of the interface to CAN Low(Orange+Brown)of the car

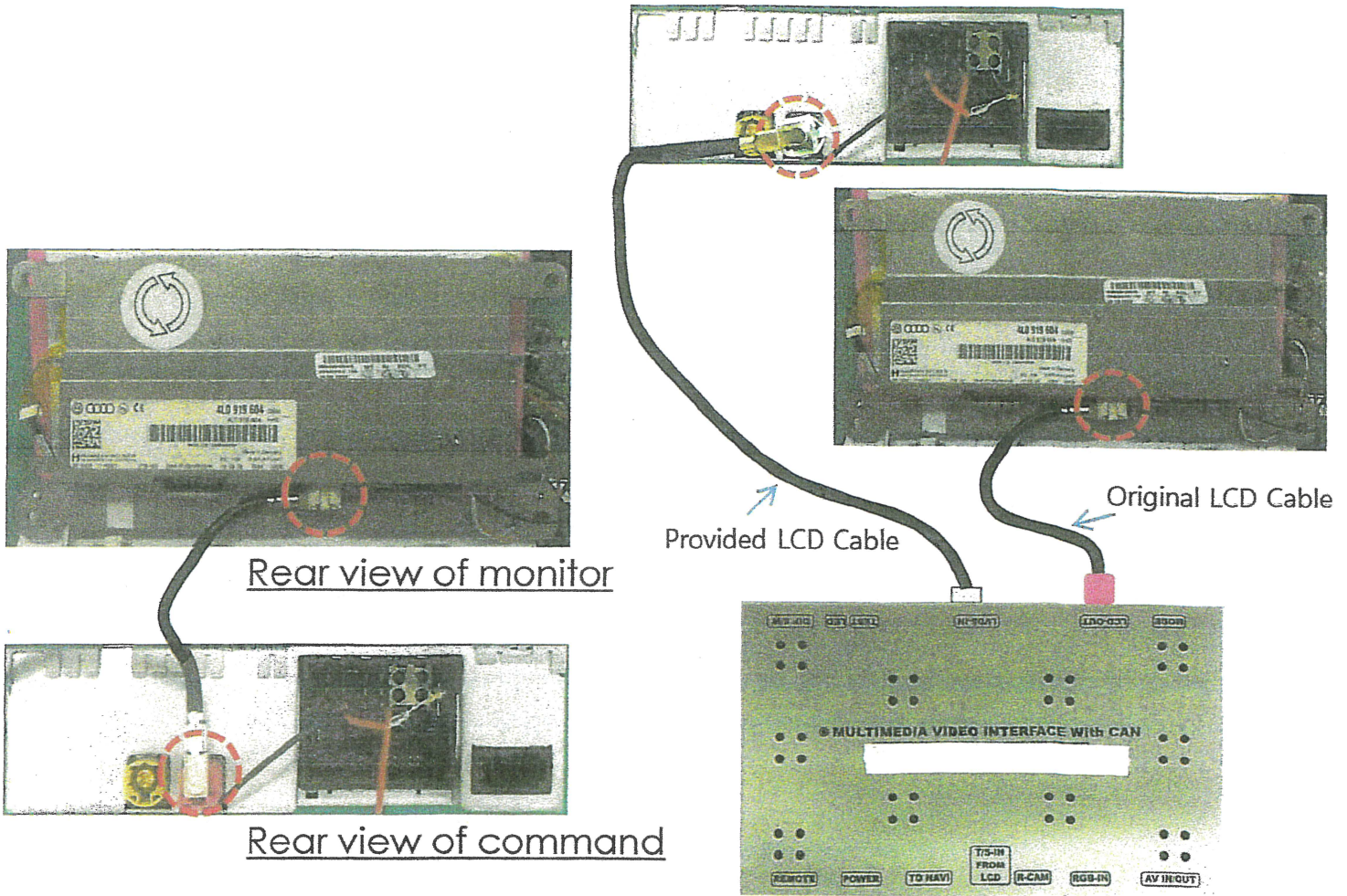
※ In case of 3G Vehicles(Q5, Q7, A4, S4)

Connect CAN-H-LS(Brown+Green-9Pin) of the interface to CAN High(Orange+Green) of the car
 Connect CAN-L-LS(Green-10Pin) of the interface to CAN High(Orange+Brown) of the car



2. Installation

2.2 Installation



- ① Here are pictures of the rear view of the disassembled monitor and command.

You can see that original LCD cable of monitor is connected to the command in the picture above.

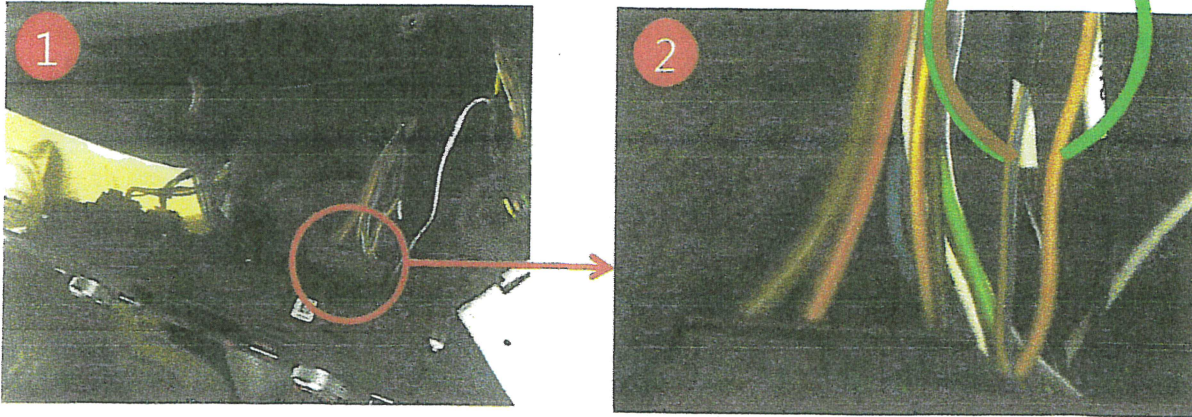
- ② Connect the original LCD cable to "LCD-OUT" of the Interface after disconnecting it from the command.

And connect the LCD cable enclosed in our package to "LVDS-IN" of the Interface. Then connect the opposite end of the cable to the spot that the original LCD cable is connected of command

2. Installation

2.2 Installation / MMI wire connection

※ CAN wire connection



① Find the same cable as picture #1 above behind the AC equipment of car.

※ A6, A7 (High)

#4 pin : CAN-HI(Orange/Blue) → Provided power cable #3 pin
CAN-H-HS(Green/Brown)

#5 pin : CAN-LOW(Orange/Brown) → Provided power cable #4
pin CAN-L-HS(Green)

※ Q5, Q7, A4, S4 (Low)

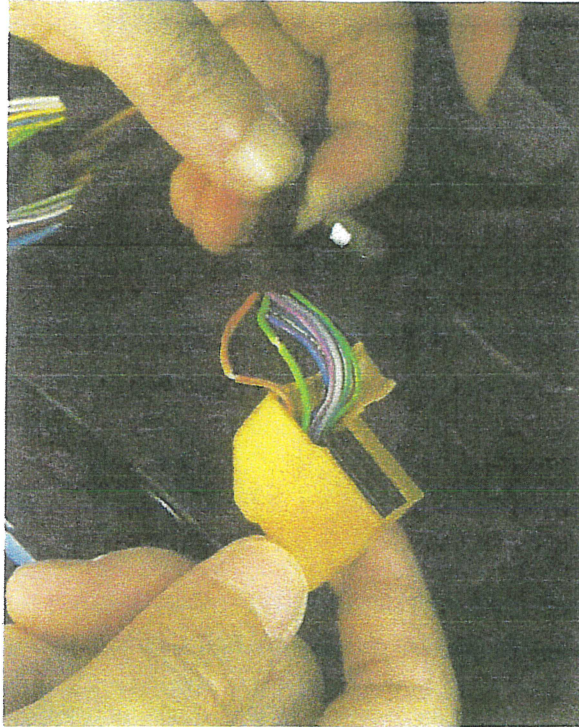
#4 pin : CAN-HI(Orange/Brown) → Provided power cable #3 pin
CAN-H-LS(Green/Brown)

#5 pin : CAN-LOW(Orange/Brown) → Provided power cable #4
pin CAN-L-LS(Green)

2. Installation

2.2 Installation / MMI wire connection

※ CAN wire connection (Q3)



※ Q3 car model

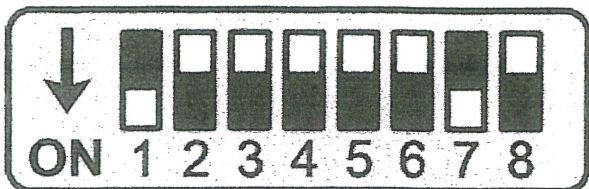
① Behind the center air vent, find the cable connector as shown above.

#12 pin of OEM cable(Green) → Provided power cable #9 pin / CAN-H-LS(Green/Brown)
#13 pin of OEM cable(Orange)→ Provided power cable #10pin / CAN-L-LS(Green)

3. Settings

3.1 DIP Switch

- ※ Example DIP S/W usage
 - Use input mode : A/V2, A/V3
 - Use original navigation
 - External rear camera



※ ON : DOWN / OFF : UP
 Default : #8 OFF

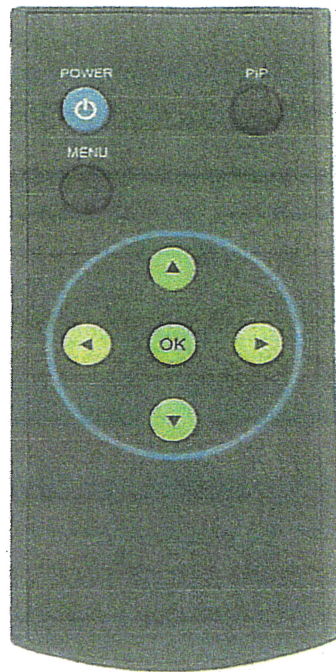
- ▷ DIP S/W : 1,2 → ON (hide INPUT MODE)
- ▷ DIP S/W : 3 → OFF (A/V2 display)
- ▷ DIP S/W : 4 → OFF (A/V3 display)
- ▷ DIP S/W : 5 → OFF (High Resolution)
- ▷ DIP S/W : 6 → OFF (Standard GUI model)
- ▷ DIP S/W : 7 → ON (display external rear cam)
- ▷ DIP S/W : 8 → OFF

PIN	Function	Dip S/W Selection
1	Displaying RGB input	ON : RGB mode skip OFF : RGB mode display
2	Displaying A/V 1	ON : A/V 1 mode skip OFF : A/V1 mode display
3	Displaying A/V 2	ON : A/V 2 mode skip OFF : A/V2 mode display
4	Displaying A/V 3	ON : A/V 3 mode skip OFF : A/V3 mode display
5	Setup for Resolution of monitor	ON : Low resolution OFF : High resolution
6	N.C	
7	Setup of rear camera use	ON : CVBS4 OFF : MAIN
8	Reset factory settings (not use for user)	ON : Product factory reset OFF : DEFAULT

※ 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.

3. Settings

3.2 Remote Control

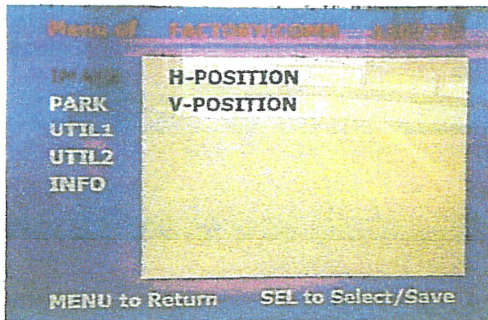


<i>Key</i>	<i>Function</i>
POWER & PIP	Unavailable
MENU	Activating OSD menu
OK	Making a selection, changing image display
▲	Moving upward
▼	Moving downward
◀	Moving leftward (If you press this button 2 seconds long, you can access the factory mode.)
▶	Moving rightward (If you press this button 2 seconds long, you can reset all the data about user environment.)

3. Settings

3.3.1 FACTORY MODE-IMAGE, PARK

FACTORY mode – Press ◀ button 2 seconds long on the remote control.

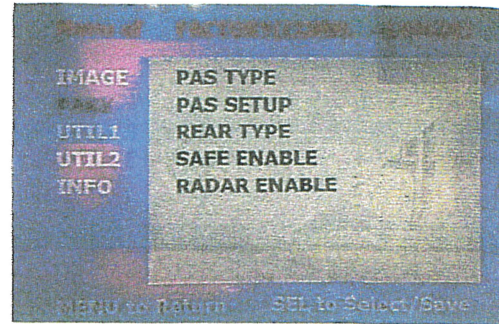


□ IMAGE

Adjust navigation position and size

H-POSITION : Move display horizontally

V-POSITION : Move display vertically



□ PARK

PAS TYPE : Selecting Type of parking guide line

- NOT USED : Not use Parking guide line
- PAS ON : Selecting Dynamic Parking guide line
- PAS OFF : Selecting fixed Parking guide line

PAS SETUP : Adjusting the position and Selecting type of the parking guide line

REAR TYPE : Choose rear camera recognition

- * LAMP - Detecting the rear view camera via rear lamp (Installer must connect "Rear-C" cable of the power cable to the rear lamp of the car.)
- *CAN - Detecting the rear view camera by CAN signal (Installer must connect "CAN" cable of the power cable to the "CAN" cable of the car.)

SAFE ENABLE : If your car is connected with CAN cable and it is in "ON" state, you can NOT watch DVD or A/V except original image or navigation while driving. At that time the screen get back to the main (default : OFF)

RADAR ENABLE : When set the gear to "R", Display PDC

3. Settings

3.3.1 FACTORY MODE-IMAGE, PARK

PAS SETUP

Go to Factory Menu, choose PAS SETUP, by using OK button change

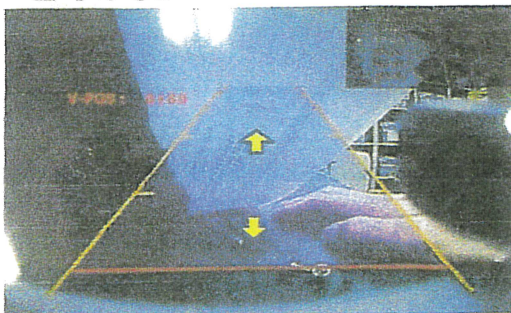
H-POS → V-POS → TYPE

□ H-POS



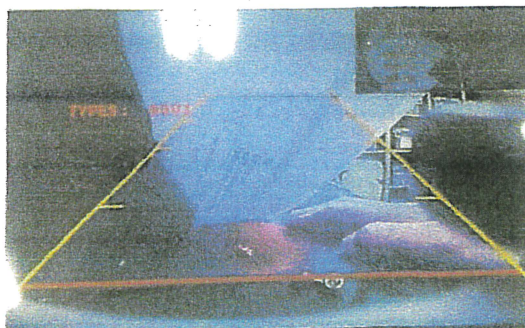
In H-POSITION, use ◀, ▶ on remote control, to adjust parking guideline left and right.

□ V-POS



In V-POSITION, use ▲, ▼ on remote control, to adjust parking guideline up and down.

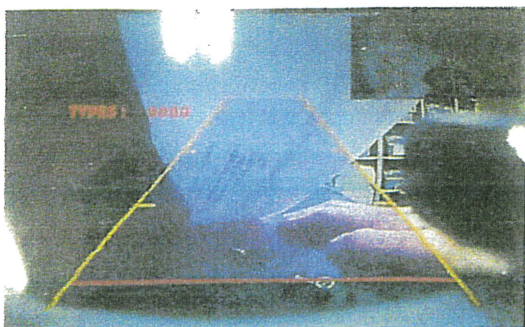
□ TYPE



In TYPE, use ▲, ▼ on remote control, to select parking guide line Type for rear camera.

(0001 : wide parking guide line

0000 : narrow parking guide line

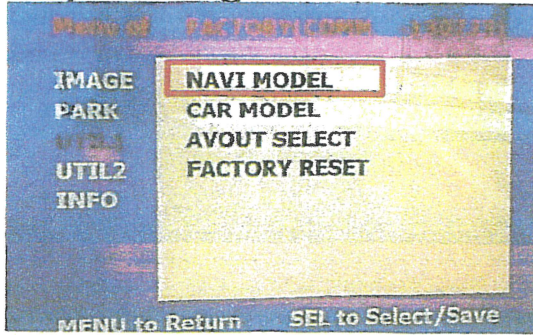


3. Settings

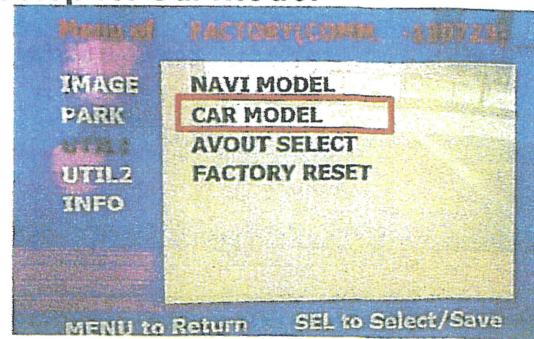
3.3.2 FACTORY MODE-UTIL1

FACTORY mode – Press ◀ button 2 seconds long on the remote control.

▫ Setup for navigation



▫ Setup for car model



□ UTIL1 – NAVI MODEL

Definition of the navigation resolution

DEFAULT : default, 400X234, in low resolution

KD-900(WVGA) : 800x480 in high resolution, for Chinese

LS-901(WQVGA) : 800x480 in high resolution, for Chinese, Taiwan

WP9200(WVGA) : 800x480 in high resolution, for Israel

GI-8000N 3D(WVGA) : 800x480 in high resolution, for Korea

GI-5000A(WVGA) : 800x480 in high resolution, for Korea

I-ONE(WVGA) : 800x480 in high resolution, for Korea

PAPAGO(WQVGA) : 480x234 in low resolution, for Taiwan

HDMI (when SMI installed): 800x480 in high resolution

*** Go into FACTORY/ IMAGE (as shown right) and adjust the position and the size of the navigation after setting the definition of the navigation**

□ UTIL1 - CAR MODEL

Selecting model of the car

AUDI S4

AUDI A4

AUDI A6

AUDI A7

AUDI A8

AUDI Q3

AUDI Q5

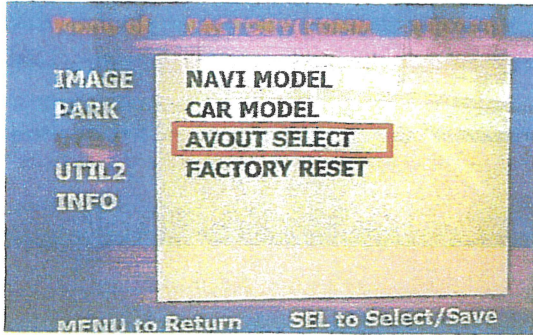
AUDI Q7

*** Set pin#5 of DIP switch to the right size of the monitor after selecting model of the car. (Refer to page9.)**

3. Settings

3.3.2 FACTORY MODE-UTIL1

FACTORY mode – Press ◀ button 2 seconds long on the remote control.

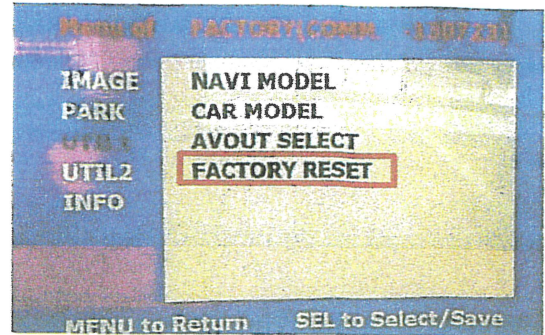


UTIL1 – AVOUT SELECT

Selecting background sound
After
returning navigation or original
mode

DEFAULT : Selecting AV sound
just before changing
navigation or original mode
from the AV mode

AV 1~3 : Sound of the selected
AV source 1~3



UTIL1 - FACTORY RESET

FACTORY MODE RESET