---

## Owners Registration Card.

Please complete and return immediately to the address on the reverse side

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Vehicle Make/Model: _____

Product Model: _____

Serial Number: _____

Date Purchased: _____

Name of Dealer: _____

Dealer Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Website: _____

# OWNER'S MANUAL
## Car Multimedia System

1-DIN DVD Multimedia receiver with Touch Screen Display with DVD/AM/FM Receiver

**Please Keep This Information For Your Records**

Product Model:_____

Serial Number: _____

Date Purchased: _____

Name of Dealer: _____

Dealer Address: _____

City: _____ State: _____ Zip: _____

STAMP
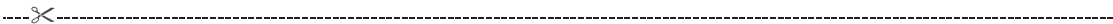
**Epsilon Electronics**
**1550 S. Maple Ave.**
**Montebello, CA 90640**
**Attn. Customer Service**

## DISC NOTES

**Handling and Cleaning**
- Dirty, dusty, scratched or warped discs will cause misoperation.
- Do not place stickers or make scratches on discs.
- Do not warp discs.
- A disc should always be kept in its case when not in use to prevent from damage.
- Do not place discs in the following places:
    1. Direct sunlight.
    2. Dirty, dusty and damp areas.
    3. High temperature places.
    4. On the seats or dashboard.

**Disc Cleaning**
Use a dry soft cloth to wipe the surface. If the disc is quite dirty, use a soft
cloth slightly moist with isopropyl (rubbing) alcohol. Never use solvent such
as benzene, thinner or conventional record cleaners which may mar the
surface of the disc.

**NOTE:**
*A disc may became somewhat scratched (although not enough to made it unusable)*
*depending on your handing it in the condition of the usage environment. These*
*scratches are not an indication of any problem with the player.*

**Repairing New Discs with Rough Spots**
A new disc may have rough edges on its inside
and outside edges. If a disc with rough edges is
used, the proper setting will not be performed
and the player will not play the disc. Therefore,
remove the rough edges in advance by using a
ballpoint pen or pencil. To remove the rough edges,
press the side of the pen or pencil against the
inside and outside edges of the disc.

Label side up

Do not touch
the underside
of the disc

Do not bend

Wipe the disc from
the centre toward
edge

## TABLE OF CONTENTS

## FEATURES

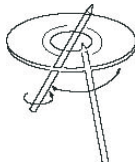- Digital LCD Touch Screen Accepts KS-1 Desktop Media Player
- 800x480 High Definition Screen Resolution
- Motorized Angle Adjustment & Last Angle Memory
- Theft Deterrent Detachable Panel
- Playback from DVDR/RW & CDR/RW, of MP3, MP4, DivX, & AVI
- Complete Integration of iPod by Touch Screen Control (IC-3 cable sold separetly)
- Blue Tooth V2.1 & A2DP for Wireless MP3 Playback
- 32GB USB2.0 & SD Readers for MP3, FLAC, MP4, DivX, & AVI
- Front Panel 3.5mm AUX A/V Input
- Accepts GPS Navigation Module NAVIBOX-2, Powered by Navteq
- Accepts ATSC Digital TV Tuner DTV-3
- Accepts Axxess ASWC OEM Steering Wheel Control Interface
- 4-Channel 2V Pre-Amp RCA Audio Outputs
- Variable 2V Subwoofer Output w/ Low-Pass Crossover
- A/V Outputs for Multiple Component Integration
- Rear View Camera Input w/ Trigger
- 52x4 MOSFEET Powered Speaker Level Outputs
- 18FM/12AM Station Memory
- Selectable Region FM/AM Frequency Stepping
- Custom & Preset EQ Settings
- 12/24 Hour Clock
- NTSC/PAL Auto Selection
- Built-in Analog TV Tuner (select models)

KS-1 Desktop Media Player Kick-Stand (sold separetly)

- Combine with Detachable Faceplate to Use as Desktop Multimedia Player

Bluetooth Features

- Work with Most Bluetooth Enabled Phones
- Noise & Echo Cancellation
- Contact List Transferred for Easy Access Dialing
- Caller ID Shows Name and Number from Contacts List
- Recent Calls & Talk Time Logs
- A2DP for Wireless MP3 Playback

---

**TV (optional)**

| No signal. | TV antenna is not connected correctly, or broken. | Connect TV antenna correctly or replace new TV antenna. |
|---|---|---|
| TV picture fuzzy. | Detection of weak signal. | Go to place where have strong signal. |

**Bluetooth (specified models)**

| Low call volume. | Improper MIC location. | Speak closer to the MIC or use an external MIC. |
|---|---|---|
| Bluetooth music playback skipping. | Distance from unit to cell phone is too far. | Place the phone to the closer to the unit. |

**iPod**

| Can not select iPod mode. | iPod cable is not connected correctly, or broken. | Connect iPod cable correctly or replace new iPod cable. |
|---|---|---|
| Low sound. | iPod volume setting is low. | Increase the volume setting. |

**Radio**

| No signal. | Radio antenna is not connected correctly, or broken. | Connect Radio antenna correctly or replace new Radio antenna. |
|---|---|---|

**GPS(optional)**

| No signal. | GPS antenna is not connected correctly, or broken. | Connect GPS antenna correctly or replace new GPS antenna. |
|---|---|---|

**NOTE:**
This user's manual is only for reference.
Modifying rights are reserved.
Specifications are subject to change without notice.

| | Auto antenna not properly connected | Connect the auto antenna control cable properly |
| | LOCAL function is activated | Turn LOCAL function off |

| Problem | Cause | Action |
|---|---|---|
| TFT MONITOR | | |
| No video display (when in rewind ) | Rewind circuit not connected | Check connections at rewind lamp |
| | Vehicle is not in rewind | Select rewind gear |
| Front panel will not open/close | Front panel obstructed | Remove the obstruction and press OPEN to resume the monitor open/close sequence |
| Flashing image or interference appears on screen | DVD is not compatible with current TV system settings Image blurred, distorted, or dark | Change setup to accommodate disc |
| Improper height/width ratio of displayed image | Improper video signal connections | Check wiring and correct |
| | Improper aspect ratio setup | Use correct aspect ratio setting |
| Touch screen controls are not accurate | Under different conditions, for example: temperature , humidity, etc. | perform touch screen calibration |
| DISC | | |
| Cannot insert disc | A disc is already inside unit | Eject current disc and insert new one |
| DVD playback does not start | Disc is warped or scratched | Use disc in good condition |
| | Disc is dirty or wet | Clean disc with soft cloth |
| | Incompatible disc | Use compatible disc |
| | Disc rating exceeds Parental Lock rating limit | Change parental Lock settings to lower restriction |
| | Disc region code is not compatible with unit | Use a disc with the proper region code |
| | Disc is inserted upside down | Insert disc with label side up |
| Image blurred , distorted, or dark | Copied disc is not compatilbe | Use original disc |
| No repeat or searching while playing VCD | PBC is on | Turn PBC off |
| Interruption occurred during MP3 playback | Disc is dirty or scratched | Clean disc or replace new disc |

## Front Panel
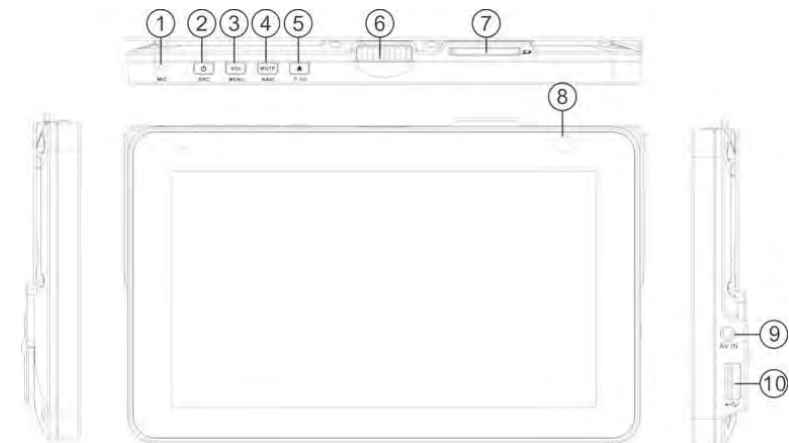


**1. MIC**
Microphone for use with Bluetooth hands free calling.

**2. Power/SRC**
Press to turn the unit ON, holding the button will turn off the unit.
When the unit is on, press to switch between different sources.

**3. VOL/MENU**
Press the button to display volume adjustment.
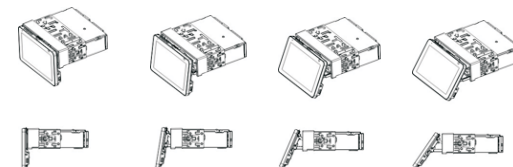Holding the button will enter main menu.

**4. MUTE/NAVI**
Press to mute/ unmute sound.
Holding the button will enter NAVI mode.

**5. Eject/P.Angle**
Press to open / close the monitor to eject the disc
Holding the button will enter angle adjustment mode, press it again to adjust the angle of the front panel as following:

Angle 1 ⟶ Angle 2 ⟶ Angle 3 ⟶ Angle 4



**6. REL**
Press to release the detachable panel.

## 7. SD CARD SLOT

The unit will be switched to the SD CARD Source automatically when an SD CARD is connected.

## 8. Remote Sensor

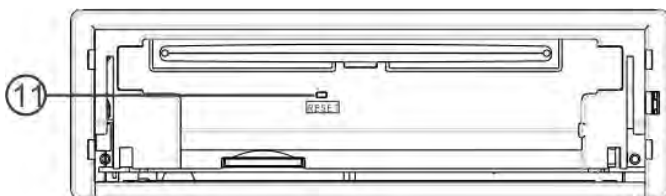Receives remote infrared receiver signals.

## 9. AV IN Jack

Connect an external A/V device to this jack to watch/listen to the device through your car audio/video system.

## 10. USB

The unit will be switched to USB Source automatically when a USB is connected.

## BASE PANEL



## 11. RESET

Remove the face plate to gain access to the RESRT button.
Press and hold this button for 3 sec to switch back to all the original factory settings.
Keep in mind this will erase all your preset radio stations and any EQ settings you may have made and saved.

## TROUBLE SHOOTING

If any of problem persists after checking the below list, Please consult your nearest service dealer. Never attempt to disassemble and repair unit personally.

| Problem | Cause | Action |
|---|---|---|
| GENERAL | | |
| Unit will not turn on (no power) | Yellow wire is not connected or incorrect voltage Red wire not connected or incorrect voltage | Check connections for proper voltage(11-16vdc) |
| | Black wire not connected | Check connection to ground |
| | ACC Fuse blown or Car battery fuse blown | Install new fuse with correct rating |
| | Invalid operation | Press the RESET button |
| Unit has power (but no/low audio output) | Speaker wires not connected | Check connections at speakers |
| | One or more speaker wires touching each other or touching chassis ground | Insulate all bare speaker wires from each other and chassis ground |
| | Speakers damaged | Review wiring diagram |
| Poor sound quality or distortion | Speaker power rating not compatible with unit | Connect proper speakers |
| | Speaker is shorted | Check speaker wire contacts |
| Unit resets itself when engine is off | Incorrect connection between ACC and Positive battery wire | Check wiring and correct |
| Unit blows fuse | Yellow or red wire touching chassis ground | Check for pinched wire |
| | Speaker wires touching chassis ground | Check for pinched wire |
| | Incorrect fuse rating | Use fuse with correct rating |
| Unit has audio (when in rewind ) | Parking brake safety circuit not connected | Check connections at parking brake |
| | Parking brake not applied | Apply parking brake |
| Excessive skipping | Unit is not mounted correctly | Check mounting |
| | Physical defect in media | Check media for scratches |
| IR remote does not work | Dead battery | Replace battery |
| | Battery installed incorrectly | Remove battery and install correctly |
| TUNER | | |
| Weak station searching | Auto antenna is not fully extended | Connect the auto antenna control wire properly |

## Specifications

### General
| | |
|---|---|
| Power source ： | 14.4V DC (11-16 V Allowable) |
| Load impedance ： | 4Ω(4-8 Ω Allowable) |
| Maximum power output ： | 45W x 4 |
| Frequency Response： | 20Hz -20KHz    0dB±2dB |
| Distortion： | ≤0.1% (1KHz) |
| Signal-to-Noise Ratio： | ≥70dB(1KHz) |

### AV OUT
(MODE:DVD Bluetooth IPOD AV IN)
| | |
|---|---|
| Preout max output | 1.8V±0.2 load10Kohm |
| Frequency Response： | 20Hz -20KHz    0dB±2dB |
| Distortion： | ≤0.1% (1KHz ) |
| Signal-to-Noise Ratio： | ≥80dB(AUX IN 1KHz ) |
| Subwoofer Output | 1.8V±0.2 load10Kohm |
| Subwoofer Frequency： | 80Hz/120Hz/160Hz |
| Video Output : | CVBS 1Vp-p/75ohm load |
| Color System： | NTSC/PAL |

### TV
| | |
|---|---|
| Frequency Range： | VHF-low 55.25MHz~181.25MHz |
| | VHF-high 181.25MHz~471.25MHz |
| | UHF 471.25 MHz~885.25MHz |
| Maximum Sensitivity | VHF-low 32 dBuV |
| | VHF-high 32 dBuV |
| | UHF 35 dBuV |

### DIGITAL TV
| | |
|---|---|
| Frequency Range ： | VHF-low 54 MHz~162MHz |
| | VHF-high 162MHz~456MHz |
| | UHF 456 MHz~858MHz |
| ANT leakage at input terminal | 50dBuV |

### FM
| | |
|---|---|
| Frequency Range ： | 87.5 — 108MHz |
| | 87.5 — 107.9MHz |
| IF-FRE ： | 10.7MHz |
| Usable Sensitivity ： | ≤10dBuV |
| Stereo Separation ： | ≥26dB (1KHz) |
| Frequency Response： | 20Hz -20KHz    0dB±2dB |

### AM
| | |
|---|---|
| Frequency Range ： | 531 — 1602KHz |
| | 522 — 1620KHz |
| | 530 — 1710KHz |
| IF-FRE ： | 450KHz |
| Usable Sensitivity ： | ≤35dBuV |

### Bluetooth
| | |
|---|---|
| Reception Sensitivity : | -90dBm@0.1%BER |
| Transmission Distance： | ≥10M（No obstacles） |

### GPS
| | |
|---|---|
| Frequency Range ： | 1575.42MHz±1.02 MHz |
| Bandwidth: | > 10 MHz |

## Remote Control
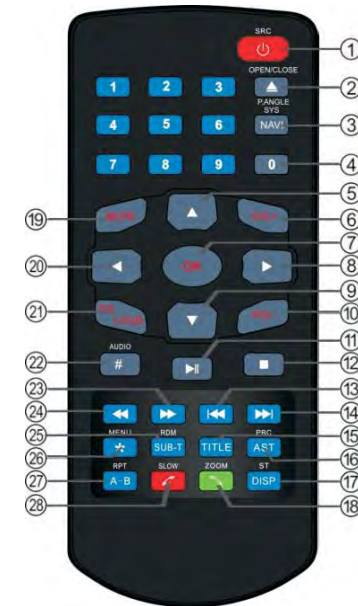


| | | |
|---|---|---|
| 1. POWER/SOURCE | 10. VOLUME- | 20. LEFT |
| 2. OPEN / CLOSE / | 11. PLAY / PAUSE | 21. EQ/LOUD |
| P.ANGLE/ EJECT | 12. STOP | 22. AUDIO/# |
| 3. NAVI / SYSTEM | 13. PREVIOUS | 23. FAST FORWARD |
| 4. NUMBER PAD | 14. NEXT | 24. REWIND |
| 5. UP | 15. TITLE | 25. SUB-T/RDM |
| 6. VOLUME+ | 16. AST/PBC | 26. MENU/* |
| 7. OK/BAND | 17. DISP/ST | 27. RPT/A-B |
| 8. RIGHT | 18. ZOOM/ CALL | 28. SLOW/ END CALL |
| 9. DOWN | 19. MUTE | |

NOTE:

*This is a universal remote; some functions would be depending on optional equipments.*

**1. [POWER/SOURCE]**

Press to turn the unit ON, holding the button will turn off the unit.

When the unit is on, press to switch between different sources.

**2. [OPEN/CLOSE/P.ANGLE/EJECT]**

Press to open / close the monitor to eject the disc

Holding button for 3 sec will enter angle adjustment mode, press it again to adjust the angle of the front panel as following:

ANGLE1→ANGLE2→ANGLE3→ANGLE4

### 3. [NAVI/SYSTEM]

Press to quickly enter / exit the Navi mode.
Holding button for 3 sec will enter / exit the Settings Mode.

### 4. [NUMBERS 0~9]

Radio Mode, press buttons 1~6 to select a preset station, Holding button for 3 sec will store current radio frequency to the preset station.
DVD Mode, When playing DVD, VCD, CD, MP3, press buttons 0~9 to input the number of track, press the [OK] button to confirm.
TV Mode, press buttons 0~9 to choose the channel and press the [OK] button to confirm.
Bluetooth Mode, press buttons 0~9 to input phone numbers.

### 5. [∧] / 8. [>] / 9. [∨] / 20. [<] Direction Keys

DVD Mode and System Parameters Setup, press the [∨] / [∧] buttons to move the cursor upward / downward to select an item. Press the [<] / [>] buttons to move the cursor leftward / rightward to select item.
Radio Mode, press the [<] / [>] buttons to switch the stored stations. Holding the [<] / [>] buttons for 3 sec will seek the next available channel by decreasing / increasing the tuning frequency; seeking will stop by pressing any button. Press the [∨] / [∧] buttons to decrease / increase the frequency manually.
TV Mode, Holding the [<] / [>] buttons for 3 sec will tune channels automatically. Press the [∧] / [∨] buttons to select the stored channel upward / downward. (Optional tuner required)
Bluetooth Mode, press [<] / [>] buttons to switch between dialing page, phonebook, music and setup page. Press the [<] / [>] buttons to move the cursor leftward / rightward to select item.
NAVI Mode, press the [∨] / [∧] buttons to decrease / increase the brightness of the screen.

### 6. [VOL+] / 10. [VOL-]

Press to increase / decrease the volume.
Holding the button will keep increasing/decreasing the volume.

### 7. [OK/BAND]

DVD Mode, press to confirm the selection.
Radio Mode, press to switch the wave band as follows:
FM1 – FM2 - FM3 - AM1- AM2 - FM1

TV Mode, press to switch the TV audio as follows:
NTSC – PAL/BG – PAL/I – PAL/DK – NTSC
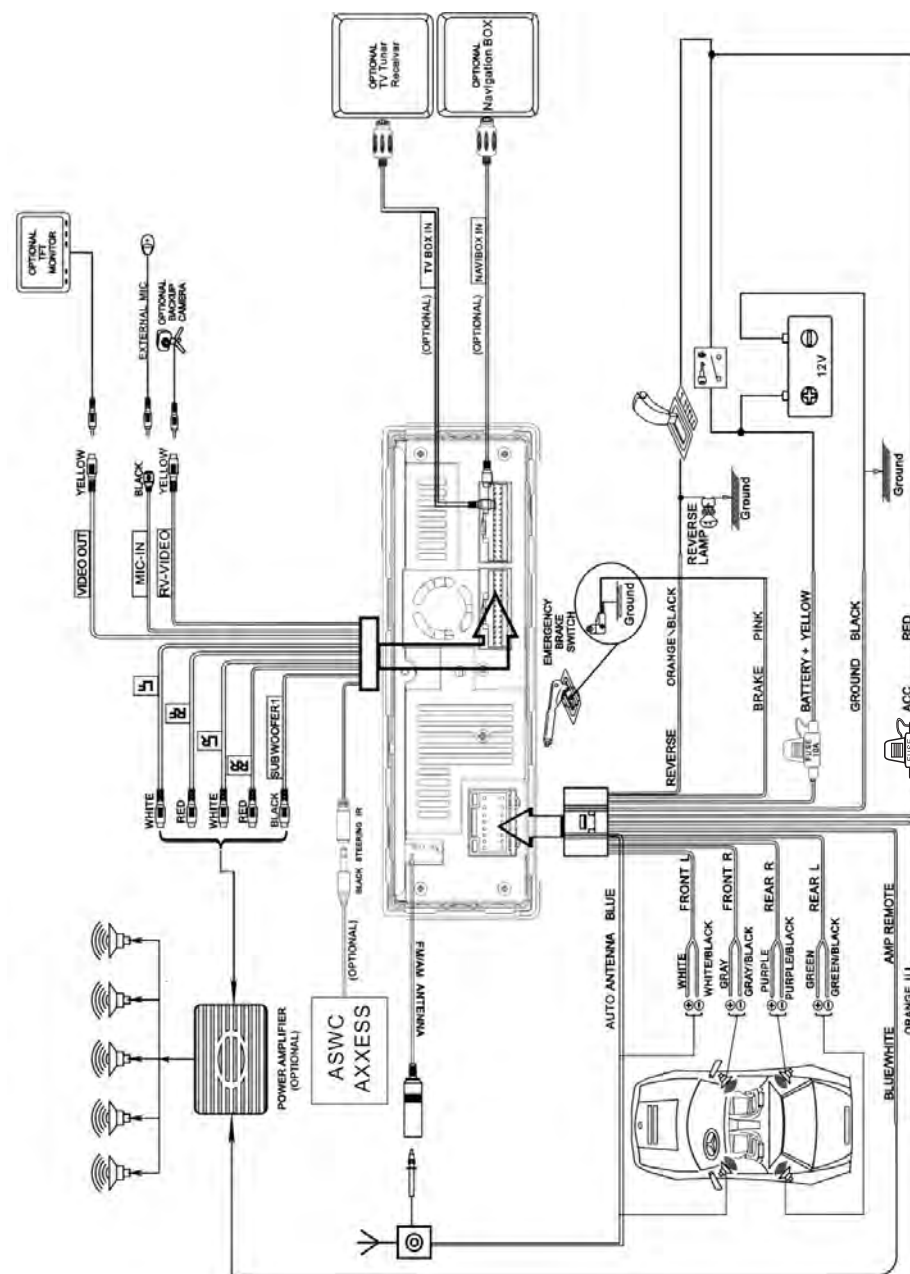Holding will switch the TV system area as follows:
USA – CCIR – ITALY – AUS – NZ – USA

Bluetooth Mode, press the button to turn on/off selected item.

### 11. [PLAY/PAUSE]

DVD Mode, press to pause or resume playback.

## Wiring Diagram

**Brake Control**

Connect the brake control wire (see Wiring Diagram). It is necessary to connect the Brake Control wire to the parking brake switch in the car. While driving, the TFT monitor will display the warning label (as shown below) as a safety precaution.



Under Rear View Mode the Brake Control function has no effect.

**Rewind trigger**

Connect to the rewind trigger wire to switch the video display to R/V video input whenever the vehicles rewind gear is engaged. This is required for back up camera functions.

**Auto Antenna Control**

Connect the auto antenna control wire (see Wiring Diagram). The power antenna (if equipped) will raise whenever the unit is powered up. It will retract when the unit is switched off.

**Steering Wheel Control**

This steering wheel control function is optional and requires both OEM steering wheel controls and the AXXess brand ASWC module. Follow wiring instructions for the ASWC and connect to the steering wheel control plug on your Inteq unit.

**12. [STOP]**

DVD Mode, when in DVD/VCD/CD playback, press the button once to stop playback, press the [Play/Pause] button agian to resume playback. Press the button twice to reset playback, press the [Play/Pause] button to start the playback from the beginning of disc. MP3 disc playback, press the button to stop the playback, press the [Play/Pause] button to start the playback from the beginning of track.

**13. [PREVIOUS] / 14. [NEXT]**

DVD Mode, press to go to the pervious / next chapter, track or song.

**15. [TITLE]**

DVD Mode, press to enter the title menu when playing DVD disc.
Bluetooth Mode, press to enter the next page of phone number list in phonebook.

**16. [AST/PBC]**

DVD Mode, press to switch the PBC function on / off when playing VCD disc.
Radio Mode, press to review stored stations; holding the button for 3 sec will automatically program the 6 strongest stations available into the presets in the each wave band.
TV Mode, automatically seek the stations available.

**17. [DISP/ST]**

Main menu, press to set the background by default picture
DVD Mode, press to display current playback information.
Bluetooth Mode, press to return to the previous page.

**18. [ZOOM/CALL]**

DVD Mode, press to zoom the picture display when playing DVD, VCD disc. Each press changes speed from 2x to 3x to 4x to 3x to 2x then back to normal play.
Bluetooth Mode, press to call a number or to receive a cell phone call.

**19. [MUTE]**

Press to switch mute sound; press it again to resume to the previous volume level.

**21. [LOUD/EQ]**

Press to adjust the EQ setting as following:
USER – POP – CLASSIC – ROCK – JAZZ – USER
Holding for 3 sec will switch the "LOUD" function ON / OFF.

**22. [AUDIO]**

DVD Mode, press to change dialogue language when playing DVD disc; Press to select different audio channels when playing VCD, CD disc.
Bluetooth Mode, press to input the symbol #.

**23/24. [FAST FORWARD/REWIND]**
DVD Mode, press to fast forward / rewind at 2x speed. Each press changes speed from 2x to 4x to 8x to 20x then back to normal play. Press the [PLAY/PAUSE] button to resume to normal playback.

**25. [SUBT/RDM]**
DVD Mode, press to change the subtitle language when playing DVD disc. Holding for 3 sec will activevate random play function.

**26. [MENU]/***
DVD Mode, press to return to the boot menu when playing DVD disc.
Bluetooth Mode, press to input the symbol *.

**27. [RPT/A-B]**
DVD Mode, press to set point A, press it again to set point B, the player will repeat from points A to B. When playing DVD, MP3, press it again to stop repeating. When playing VCD, CD, press it again to repeat all tracks. Holding the button for 3 sec will repeat playing.

**28. [SLOW/END CALL]**
DVD Mode, press for slow motion playback at 1/2x speed when playing DVD/VCD disc. Each press changes speed from 1/2x to 1/4x to 1/8x to 1/16x then back to normal play. Bluetooth Mode, press to ignore or hang up a call.

**Battery Change**

1. Press to unlock the battery holder, then pull outward as the arrow shows.

2. Place the battery into the holder with the (+) side up.

3. Push the holder back. Use your finger to push in the holder back until the locking sound is heard.

If the remote control has no function or if the operating range reduced, replace the old battery with new one.
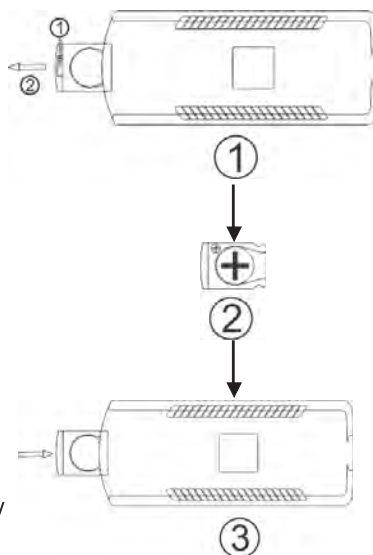


## Wire Connections
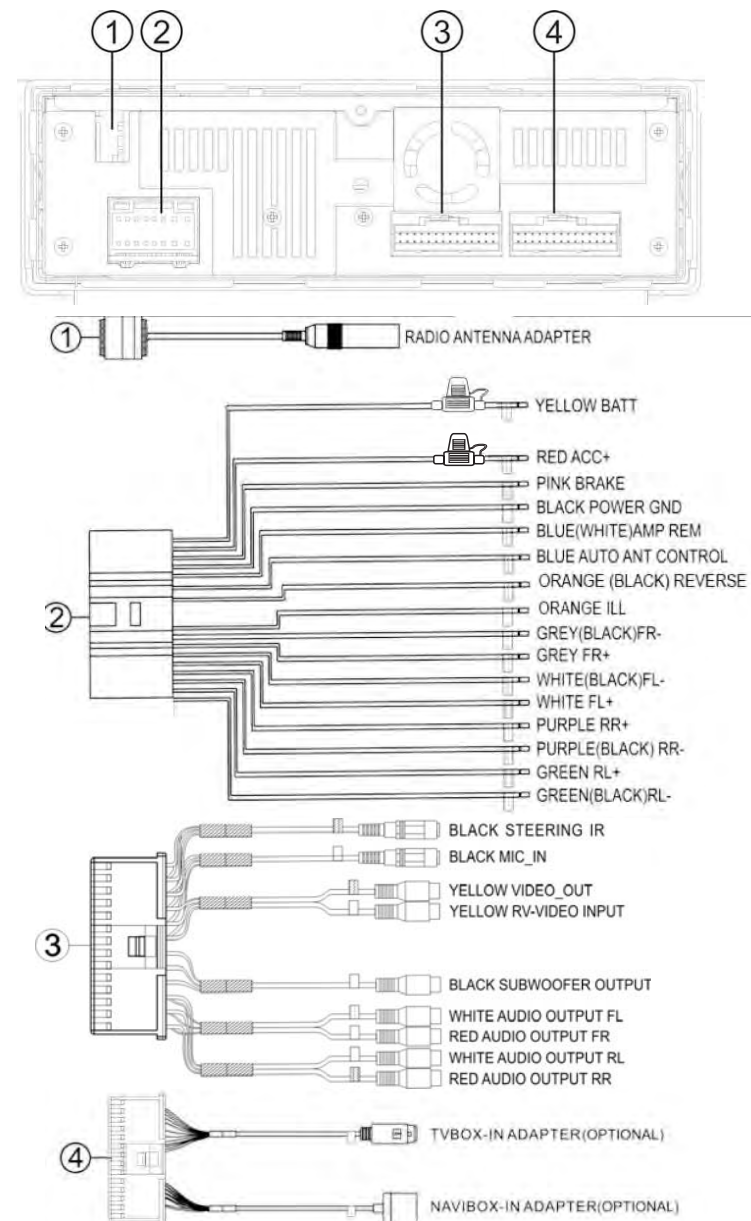


1. Radio Antenna Adapter
2. Power Cable
3. Audio & Video Output & Input
4. Navigation Box & TV tuner Box Adapter (Optional)
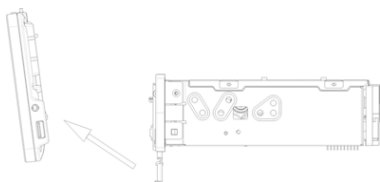
**Removal method 2**
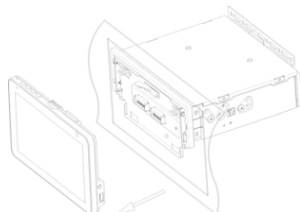
1, Press the button to remove the faceplate
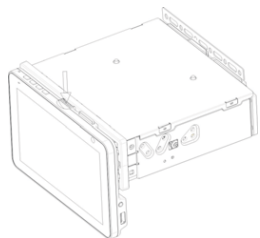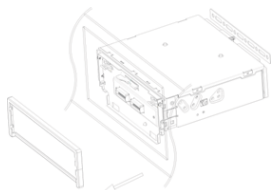
2, Safely remove the faceplate.
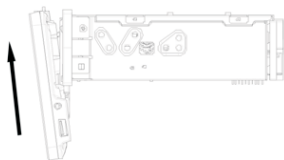
3, Take faceplate off of the mounting plate.

4, Take faceplate off.

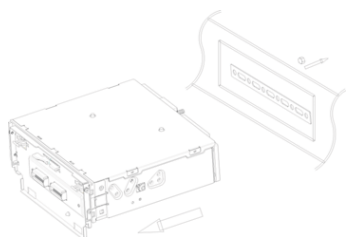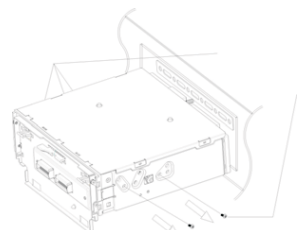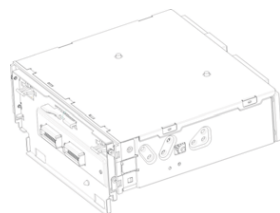5, Detach the trim bezel.

6, Unscrew the unit from the car.

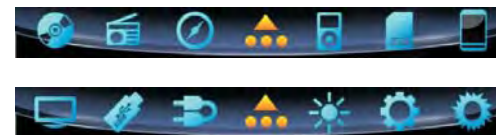7, Unscrew the Nut M5 screw on the rear and remove the chasis

8, illustration of completed removal.

## Main Menu

1. Touch the PAGE TURNING key to turn to the next page of Sources.

**2. Drag the Mode buttons Up/Down**

User can choose to activate the mode buttons on the touch screen by dragging the buttons up/down to the main screen. The blue color button means this mode is not active, a gray button means this mode is active and located on the main screen.

.

3．Touch the LEFT/RIGHT direction key to turn to the next/previous mode buttons.

1. Touch to access the DVD Source.
2. Touch to access the RADIO Source
3. Touch access the SD CARD Source.
4. Touch to access the USB Source.
5. Touch to access the iPod Source
6. Touch to access the NAVI Source.
7. Touch to access the BLUETOOTH Source.
8. Touch to access the TV Source.
9. Touch to access the AV IN Source.
10. Touch to access PHOTO Source.
11. Touch to access Dimmer function.
12. Touch to access Setting Source.

**General Operations**

The following operations are general operations for all modes:

**Volume Key** 

Touch the volume key in any mode to display the volume adjustment bar.



Touch " +/- " buttons to increase / decrease the volume.
Touch "MUTE" button to mute the sound; press it again to resume to the previous volume level.
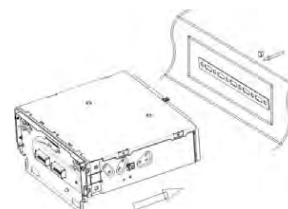
**Return Key** 

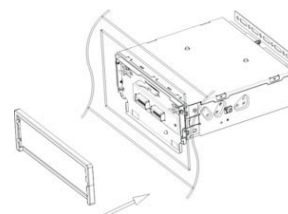Touch this button to return to the main menu from any mode

**Installation method 2**
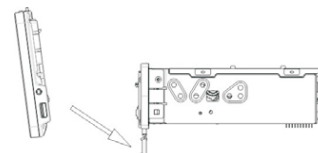
1, Tighten the bolt onto the rear panel of the unit.

2, Tighten the back strap onto your car inside the dashboard.
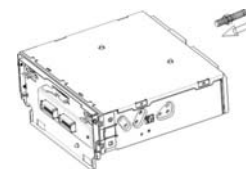


3, Place the unit into the dashboard, attach the backstrap to the back of the chasis with Nut M5.

4, Bolt the unit to the backstrap by attached to the car.
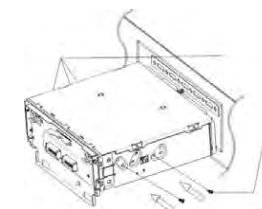


5, Install the trim bezel onto the unit.

6, Install the faceplate onto the unit.



7, Make sure all faceplate tabs meet properly with the mounting plate.
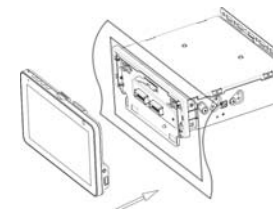
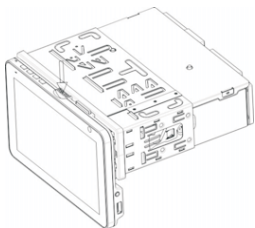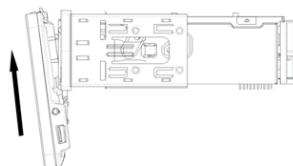8, Press the panel, make sure the gear is locked to the mounting hole.
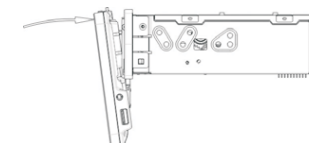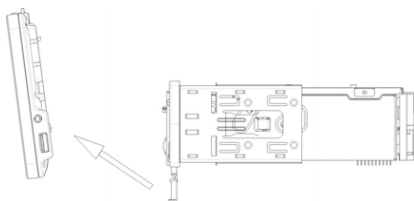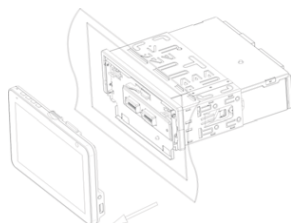
**Removal method 1**

1, Press the button



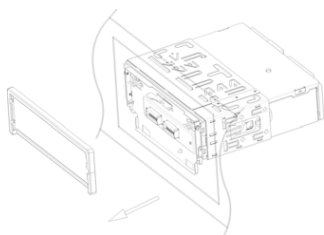2, Safely detach the faceplate



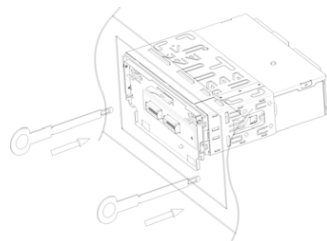3, Take faceplate off of the mounting plate.
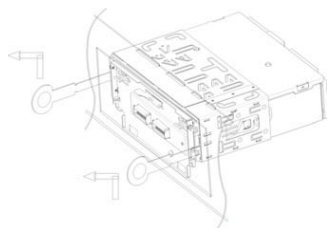


4, Take the panel out
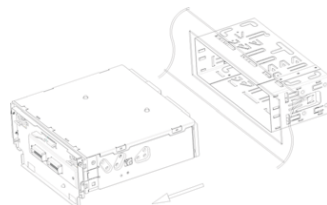


5, Detach the trim bezel.

6, Insert the keys into the opening between the unit and the mounting sleeve to unlock.





7, Pull the unit out of the mounting sleeve.

8, illustration of removal

## Radio Mode



**1. Band**
Touch to switch the FM/AM wave band as follows:
FM1 - FM2 - FM3 - AM1- AM2 - FM1

**2. Auto Station Tune**
Touch to scan through all tuned presets stations and play them for 5 seconds each. Touch any button to stop scanning.
Holding the button to automatically program the 6 strongest stations available into the presets in the each wave band, a total of 30 stations can be stored. Touch any button to stop the tuning.

**3. Local**
Touch to set the local tuning on/off. When you are using the local searching function, you can only receive the radio station with strong enough signals.

**4. Tune Frequency – Down / 5. Tune Frequency –Up**
Touch to tune the radio to a lower / higher frequency by one step. Holding the button allows continuous tuning down/up.

**6. ST**
Turns stereo reception on/off

**7. SEEK- / 8. SEEK +**
Touch to seek to the next strong station at a lower / higher frequency. Touch any button to stop seeking.

**9. Current playing station information display**

**10. Preset Stations**
Touch to select a preset station, holding the button to store current radio frequency to the preset station.

## DVD Mode

The unit will be switched to DVD Mode automatically when inserting the disc.



**1. Next / 3. Previous**

Touch to go to the next / pervious chapter, track or song.

**2. Stop**

**DVD/VCD/CD playback**

press the button once to stop playback, press the [Play/Pause] button agian to resume playback. Press the button twice to reset playback, press the [Play/Pause] button to start the playback from the beginning of disc.

**MP3 disc playback**

press the button to stop the playback, press the [Play/Pause] button to start the playback from the beginning of track.

**4. Rewind / 6. Fast Forward**

Press to fast forward / rewind at 2x speed. Each press changes speed from 2x to 4x to 8x to 20x then back to normal play. Press the [PLAY/PAUSE] button to resume normal playback.

**5. Play/Pause**

Touch to pause or resume playback.
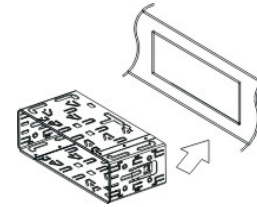
**7. Full Screen Display**

When displaying directory of DISC, touch this button to switch between Full screen and Function operations Interface.



---

## Unit Installation and Removal

**Installation method 1**

1, Install the mounting sleeve into the dashboard.

2, Bend the tabs into place to secure the sleeve.



3, Slide the unit into the mounting sleeve.
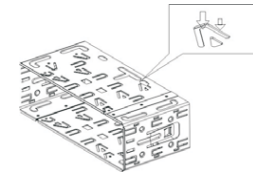
4, Install the trim bezel into the unit.
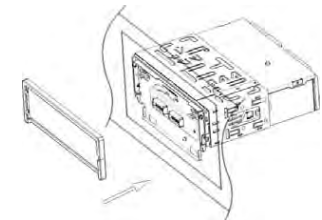


5, Install the panel to the unit.

6, Make sure all faceplate tabs meet properly with the mounting plate.



7, Press the panel, make sure the gear is locked to the mounting hole.
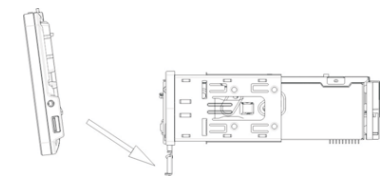
8, illustration of completed installation
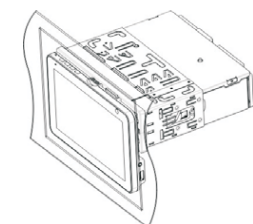
## INCLUDED PARTS

**1**
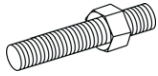
Bolt and Nut M5 x 1

**2**

Back Strap x 1

**3**

M5X5 Screws x 4

**4**
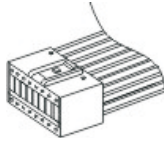
Power Wire x 1

**5**
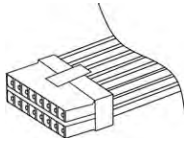
RCA connetor x 1

**6**

Mounting Sleeve x 1

**7**

Trim Bezel x 1

**8**
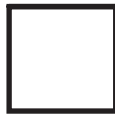
Operational Manual x 1

**9**
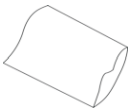
Faceplate case

**10**

Remote Control x 1

**11**

Keys x 2

**12**

External Microphone x 1

**13**

USB/AUX Adapter

---

When playing Songs/Videos/Pictures, touch TFT panel to switch between Full screen and Function operations Interface.



**8. MENU**
Touch to go to the menu of disc when playing a DVD.

**9. Media**
When playing disc that contains Music/Video/Picture file, touch [STOP] key to switch directories, then touch [MEDIA] to switch between Music/Video/Picture.

**10. REP.**
Touch to repeat as CHAPTER-TITLE-ALL-REPEAT OFF during DVD playback.
Touch to repeat as TRACK-ALL-REPEAT OFF during VCD/CD playback.
Touch to repeat as REPEAT ONE-REPEAT ALL-REPEAT OFF during MP3 playback.

**11. Direction Arrows Keyboard**
Touch to display the [Direction Arrows Keyboard] on the left side of screen.



Touch the up/down direction buttons to move the cursor and select a track/menu option.
Touch the left/right direction buttons move the cursor and select a folder/track.

**12. TITLE**
Touch to go to the title menu of disc when playing a DVD.

**13. Screen setup**

Touch "SCREEN" button to accsee the screen setup.



(1) Contrast
Touch [LEFT] / [RIGHT] buttons to adjust the CONTRAST parameters (Range: -9 to 9), default is 0.

(2) TINT
Touch [LEFT] / [RIGHT] buttons to adjust the TINT parameters (Range: -9 to 9) , default is 0.

(3) BRIG
Touch [LEFT] / [RIGHT] buttons to adjust the BRIGHTNESS parameters (Range: -9 to 9) , default is 0.

(4) COLOR
Touch [UP] / [DOWN] to adjust the COLOR parameters (Range: -9 to 9), default is 0.

## Safety Instructions

*PLEASE READ COMPLETELY AND BECOME FAMILIAR WITH THE CONTENTS OF THIS MANUAL BEFORE INSTALLATION AND OPERATION OF THIS UNIT. KEEP THIS MANUAL FOR FUTURE REFERENCE.*

This unit is a class 1 laser product. The laser beam may cause hazardous radiation if exposed to laser system directly. Do not attempt to disassemble the unit personally.

This unit has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard.

⚠ Warnings

-Do not expose the product to rain, water or excessive moisture. This could cause electrical shorts, fire or other damage.
-This product is designed to operate with a 12 volt DC, negative ground battery system. Use the proper power supply.
-The monitor is operated automatically. Do not push in or pull out the monitor or try to rewind the monitor manually! Do not attempt to adjust the monitor angle upward or downward manually. It will cause damage to the Monitor Mechanism Structure.
-Do not impact the monitor with a hard object. It may cause permanent damage.
-Do ground all equipments and works in order to avoid causing damage to the unit by electrostatic discharges.
-The user who handles this product should take all necessary precautions to avoid ESD (Electro-Static Discharge) failures.
-Do not attempt to install or service your unit by yourself. Installation or servicing of the unit by persons without training and experience in electronic equipment and automotive accessories may be dangerous and could expose you to the risk of electric shock or other hazards.

Important Safeguards

ⓘ To reduce the risk of fire or electric shock, and annoying interference, use only the recommended accessories.
ⓘ While driving, keep the volume level low enough to be aware road and traffic conditions.
ⓘ Parking in direct sunlight can produce very high temperatures inside your vehicle. Give the interior a chance to cool down before starting playback.
ⓘ Do not use any chemical solvent, cleaning agent or corrosive detergent to clean away dirt on the surface of the TFT monitor screen. It may cause irreversible damage.
ⓘ Small black and shiny dots inside the liquid crystal panel should be considerd normal for liquid crystal displays.
ⓘ In extremely cold temperatures, the movement of the picture may be slow and the picture may be dark, this is not a malfunction. The unit will work normally once reaching proper operating temperatures.
ⓘ Do not use and store the unit in dusty, high temperature and high humidity environ-ments.

**4, CALIBRATION**

Touch to access the calibration of touch screen as follows:

PLEASE WAITTING FOR 6S

PRESS THE CROSS ON THE SCREEN

CHECKING CALIBRATION PLEASE WAIT

CALIBRATION SUCCEEDED
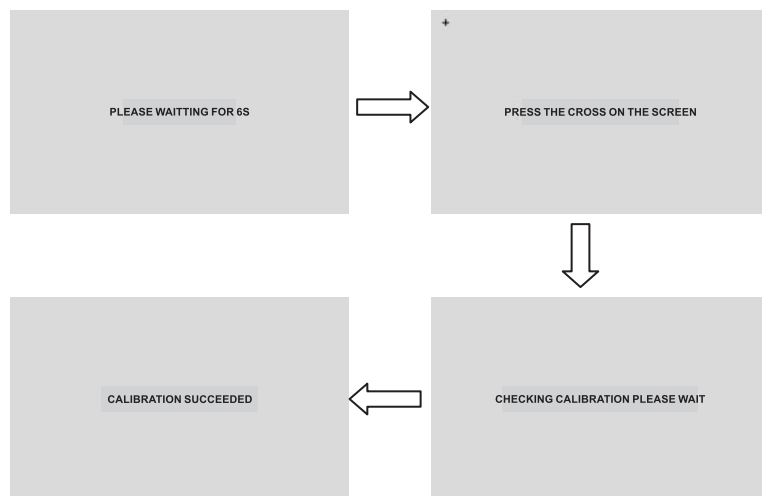
If a mistake is made the display will read as below In this case you will need to restart the procedure from the beginning.

CALIBRATION FAILED PLEASE PRESS THE TOUCH SCREEN TO CONTINUE
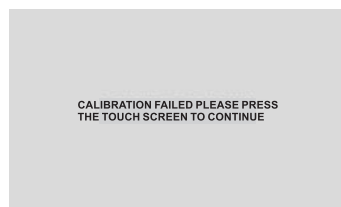
## SD CARD Mode

The unit will switch to SD CARD Mode automatically when an SD Card is connected.

**1. Browse**
Displays current file location.

**2. Folder list display area**
Touch "UP/DOWN" arrows to move through the pages and select a folder.

**3. File list display area**
Touch "UP/DOWN" arrows to move through the pages and select a file.

**4. Return button**
Touch to return to the main directory.

**5. Parent directory button**
Touch to return to the parent directory.

## Audio Playback Interface



### 1. MENU
Touch "MENU"button to display the audio playback list. Touch the UP/DOWN arrows in the list area to search for a track/file.



### 2. Keyboard
Touch to display the keyboard.



Touch the number keys 0-9 to select a track, touch the OK button to play the track.
Touch the C button to clear the number.

### 3. Repeat
Touch to repeat rotating as follows:
REPEAT ONE – REPEAT ALL – REPEAT OFF.

---

### 1, CURRENT TIME
When the mode is set to 12 hours the clock will pass from 12 midnight to 12 noon and so on. When set to 24 hour mode the clock hours will pass to 13 after 12 noon and so on till 0:00 for midnight.

### 2, HOUR
Touch [UP] / [DOWN] buttons to adjust hours.

### 3, MIN
Touch [UP] / [DOWN] buttons to adjust minutes.

### 4, MODE
Touch to switch the time mode as 12 hours or 24 hours.

## 4. SYSTEM SETUP



### 1, RADIO AREA
Touch [LEFT] / [RIGHT] buttons to switch the RADIO AREA as following:
EUROPE / ASIA/USA / JAPAN / OIRT.

### 2, FACTORY SETTING
Touch to reset all the system parameters to default settings.

### 3, VERSION
Touch to display the version number.
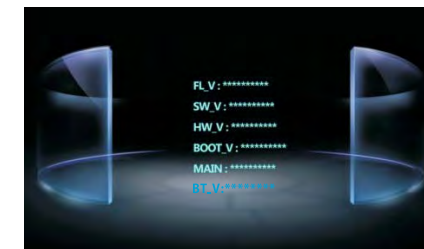
## 2. EQ SETUP

Touch to access EQ SETUP.



**1, EQ**
Touch [LEFT] / [RIGHT] buttons to change EQ presets as following:
USER→POP→CLASSIC→ROCK→JAZZ→USER.

**2, TREBLE**
Touch [LEFT] / [RIGHT] buttons to increase or decrease TREBLE parameters (Range: -9 ~ 9).

**3, BASS**
Touch [LEFT] / [RIGHT] buttons to increase or decrease BASS parameters (Range: -9 ~ 9).

**4, X-BASS**
Touch to turn X-BASS on or off.

**5, LOUD**
Touch to turn LOUD on or off.

## 3. CLOCK SETUP



## 4. Rewind / 5. Fast Forward

Touch to fast rewind / fast forward at 1x speed . Each touch changes speed from 2x to 4x to 8x to 20x then back to normal play. Touch the "PLAY/POUSE"button to resume normal playback.

**6. STOP**
During playback, touch the button to stop the playing the current track.

**7. Return**
Touch to return to the file list, then switch to other folder.

**8. Next/ 10. Previous**
Touch to play the next/previous song.

**9. Random**
Touch to play songs randomly "RANDOM" will be displayed. Touching again will cancel random playback.

**11. PAUSE/PLAY**
Touch to pause or resume playback.

Video Playback Interface

**Full screen display switch**
When playing video files, touch the video display area to switch to full screen display, touch again switch to the function operation interface.

All other operations are the same as Audio operations.

Picture Playback Interface



**1. Previous**
Touch to open the previous picture.

**2. Next**

Touch to open the next picture.

**3. ZOOM IN / 4. ZOOM OUT**

Touch to zoom in the picture display as following:

ZOOM X 2→ZOOM X 3→ ZOOM X 4→ZOOM X 5..

Touch to zoom out the pictre display as following:

ZOOM X 5→ZOOM X 4→ZOOM X 3→ZOOM X 2→ZOOM OFF.

**5. Rotate clockwise / 6. Rotate counterclockwise**

Touch to make picture rotate colockwise / counterclockwise 90 degree at a time.

**7. PAUSE/PLAY**

Touch to pause or resume playback.

**8. Return**

Touch to return to the SD CARD main inferface.

# USB Mode

Under the USB mode, all operations are same as SD CARD operations.

## Settings Mode



**1. SOUND SETUP**

Touch to access SOUND SETUP.



**1, Balance / Fader**

Touch [LEFT] / [RIGHT] buttons to adjust the BALANCE parameters (Range: -9 ~ 9).

Touch [UP] / [DOWN] buttons to adjust FADER parameters (Range: -9 ~ 9).

**2, Default**

Touch to reset BALANCE/FADER parameters to default settings.

**3, Sub-Woofer Volume**

Touch [LEFT] / [RIGHT] buttons to adjust the SUB-WOOFER volume (Range: 0 ~ 15).

**4, Sub-Woofer Frequency**

Touch to change the SUB-WOOFER cross-over frequency as follows:

OFF — 80Hz — 120Hz — 160Hz

**5, BUZZER**

Touch to turn the Buzzer (audible touch response) on or off.

**6, Return**

Touch to return to the SETTINGS.

## AV IN Mode

Connect the desired external A/V deivce to the AV IN 3.5mm jack on the front panel,
watch/listen to the device through your car audio/video system.



1. SCREEN
Only while external video source input, touch the SCREEN button will enter SCREEN settings.
The operation is same as DVD mode screen setting.

## DIM Mode

Touch to switch the screen brightness levels as following:
DIM1 → DIM2 → DIM3 → DIM4 (Screen Off) → DIM1

## Photo Mode

Touch the PHOTO button on the main menu to access the Photo mode, two options will
appear: USB / SD CARD in photo Mode.



Touch SD CARD/USB buttons to select, displaying the pic from the device,





All the functions and operations are the same as in SD CARD when displaying picture.

**Support Backgroud Music Display**
From any mode while playing music, touch the PHOTO button in the main menu to
browse picture files, music will be played at the same time.

## Bluetooth Mode

Touch the Bluetooth button on the main menu to access the Bluetooth mode.



**1. Phone Call**
Touch to enter phone calling.

**2. Phone Book**
Touch to enter phone book lookup.

**3. Audio**
Touch to enter audio device operation.

**4. Settings**
Touch to enter Bluetooth settings.

### SETTINGS



**1. AUTO ANSWER**
Touch to select auto / manual answer when a call is coming in.

**2. PHONE CONNECT**
Touch to select auto / manual phone connect when returning to the car.
**3. PHONE PAIRING**

**2. Navigation**
Touch to enter the prompt interface for navigation important information.
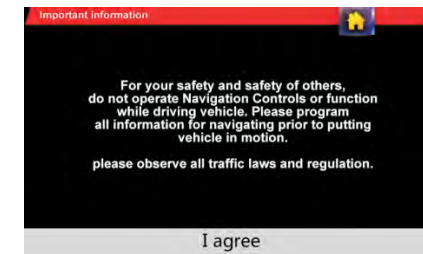


Please read the important information, touch the "I agree" button to proceed to the navigation map interface.

**3. Browse**
Touch to select navigation routing.
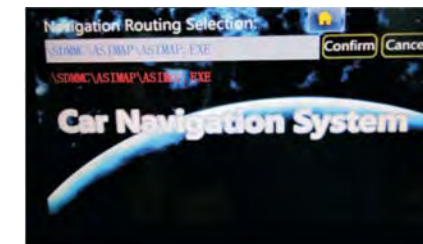


Touch the "Confirm" button to confirm the selected routing; Touch Cancel button to cancel the rounting selection.

**4. RETURN**
Touch to return to main menu interface.

**NOTE:**
*Under NAVI mode, please view all operations by Navigation Device NAVIBOX-2 User's manual.*

## NAVI Mode (NAVIBOX-2 sold separately)

Navigation Map Connection



**1. Calibration**
Touch to enter navigation touch Calibration Interface.





Touch the button to begin the pairing process the display should read.



When the Bluetooth is disconnected or has no connection the display will read.



**4. AUDIO PAIRING**
Touch the button to begin the pairing process the display should read.



When the Bluetooth is disconnected or has no connection the display will read.



**5. PIN CODE**
You can change the PIN code by remote control. Press the [AST] button of remote control to clear the PIN code, and input the new 4 digit number, press the [OK] button of remote control to save the new code.

**6. Information Display**

**NOTE:**
The unit can pair a total of 5 different devices including cell phones and audio players. Use the [A-B] button of remote control to connect / disconnect the device.
1, When you want to connect another paired cell phone with the unit, press the [A-B] button of remote control to disconnect the current connected cell phone. Use the other cell phone to connect with the unit through the phones set up menu.
2, When you disconnect the current cell phone, you can also press the [A-B] button of remote control to reconnect the cell phone with the unit again.

**Select INTEQ after your phone has searched for available devices.**

## Phone Call



**1. Call**
Touch to call a number or receive a phone call. Touch to call the last number if no number
is input.

**2. Clear**
Touch to cancel or clear the numbers you have input.

**3. End Call**
Touch to ignore or hang up a call.

**4. Transfer**
When talking on the phone, touch to transfer the call between the unit and cell phone.
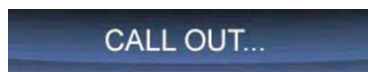
**5. Number Keys**
Touch the buttons to input a phone number.

**6. Information Display**

CALL OUT
While dialing, the display will read:



While on a call, the display will read:



## DIGITAL TV(DTV-3 BOX sold separately)



**1. RETURN**
Touch to return to parent directory of TV Main Menu.

**2. MENU**
Touch to access TV Menu Settings.

**3. EXIT**
Touch to exit Menu Settings.

**4. SCREEN**
Touch to access the screen parameter adjustments.
The operation is same as the screen setting in DVD mode.

**5. CH- / 8. CH+**
Touch to choose the next / previous program list , or touch to choose the menu settings
when the set list on the screen.

**6. ENTER**
Touch to confirm the current selected item.

**7. - / 9. +**
Touch to decrease / increase the Volume.

## TV Mode (select models only)

Touch the TV button on the main menu to access TV mode.

### ANALOG TV



**1. Auto Station Tune**
Touch to automatically seek all strongest stations available; touch any button to stop the tuning.

**2. / 3. Next Station - Down / Up**
After the Auto Station Tune, touch to select the stations downward / upward.

**4. / 5. Seek Next Station – Down / Up**
Touch to seek the next available channel by increasing / decreasing the tuning frequency.

**6. SCREEN**
Touch to access the screen parameter adjustments.
The operation is same as the screen setting in DVD mode.

**7. Current Channel Indicator**
Displays the TV channel currently playing.

**8. Media Display**

**9. TV System Indicator**
Holding the OK/BAND button of the remote control will allow you to choose the Country Zone USA / CCIR / ITALY / AUS / NZ.
Pressing the OK/BAND button of the remote control will allow you to choose the TV Sound system PAL- BG / PAL-I / PAL-DK / NTSC.

### CALL IN

When receiving an incoming call, you will see the screen below:
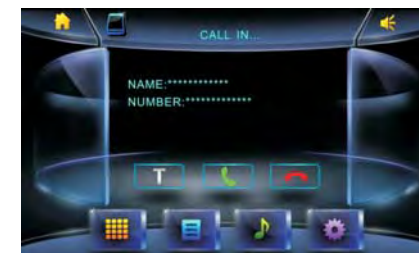


When talking, you will see the screen below:



### PHONEBOOK



**1. My Phonebook**
The phone numbers that are stored in the phone.

## 2. SIM Phonebook

The phone numbers that are stored in the SIM card.

## 3. Dialed Call

The phone numbers that were dialed by the phone.

## 4. Received Call

The phone numbers that were received by the phone.

## 5. Missed Call

The phone numbers that were missed by the phone.

## 6. Previous Page / 10. Next Page

There are 5 numbers in each page, touch to see the previous / next page.

## 7. Transfer

When talking the phone, touch to transfer the call between the unit and cell phone.

## 8. Call

Touch to call a selected number from phonebook or to receive a cell phone call..

## 9. End Call

Touch to ignore or hang up a call.

## Phone Number List

Touch buttons 1~5, when item is changed to blue color, the item is selected. Touch it again and the item is changed to white color, the operation is active and you will see the image below:



## 1. Information Display

You will see the phone number of the item in blue color.

## 2. Phone Number

If this number is stored, you will see the name; if not, you will see the phone number.

## 5. Current playing information

When playing music, information will display as pictured below:

1, Current Playing time
2, Total time of the current playing file
3, Current playing position
4, ID3
5, Music file playing
6, Current playing track/total tracks
7, Play status, playing or paused
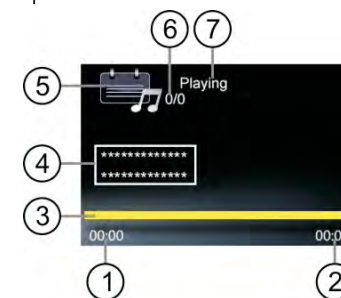


When play a video file, information will display as pictured below:

1, Current Playing time
2, Total time of the current playing file
3, Current playing position
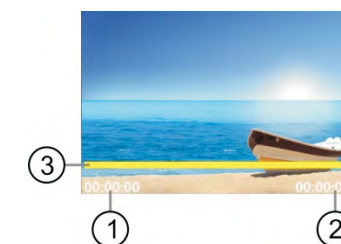


## 6. Next/ F.FWD

Press to choose the next track.
Hold Holding will fast forward the track.

## 7. Random

Press to turn on the random function, the music will play randomly selected tracks, touch again to turn of the random function.

## 8. Pre / F.REV

Press to choose the previous track.
Holding will rewind the track.

## 9. PAUSE/PLAY

Touch to pause or resume the playback

## Full screen display switch

When playing video files, touch the video display area to switch to full screen display, touch again switch to the function operation interface.

1, Current playlist

2, Current play track number / All track numbers

## 2. Key Board

Touch to access the key board:

Touch number button 0-9 to select songs, then touch OK to play the selection.

Touch the C button to cancel the number input.

## 3. REPEAT

Touch to turn on the repeat function, the current song will repeat.The screen will display
"REP" as picture, touch again turn off the repeat function.

## 4. SCREEN Setting

No function when you playing an Audio file.

When playing video files, the operation is same as DVD screen setting.

Touch the button when item is changed to yellow color, the item is selected.

## 3. Phonebook

Touch to return the phonebook page.

## AUDIO

## 1. Previous / 2. Next

Touch to select the previous / next track.

## 3. Play / Pause

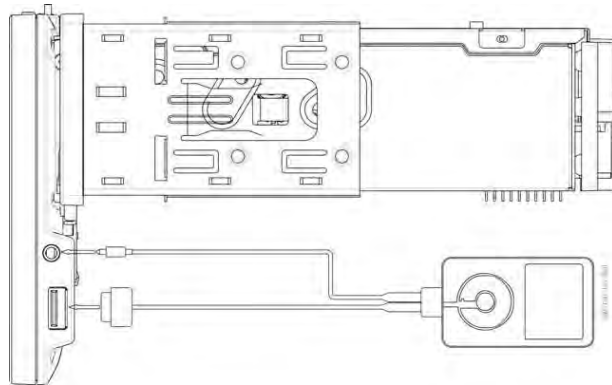Touch to pause the playback; touch it again to resume playing.

## 4. Stop

Touch to stop the playback, touch the [Play/Pause] button to restart the playback from the
beginning.

## iPod Mode(IC-3 cable required)

The unit will switch to iPod Mode automatically when an iPod is connected.

### iPod Connection



### iPod Operations



## 1. MENU

Touch to enter the play menu.



(1) Up/Down Page
Touch to turn to the next page.
(2) Play lists
Touch to enter Play lists
(3) Artists
Touch to enter the Artist list.
(4) Albums
Touch it to enter the Album list.
(5) Genres
Touch to enter the Genre list.
(6) All Music
Touch to enter the all music list.
(7) Video lists
Touch to access the Video list.
(8) Music video
Touch to access the Music video list.
(9) TV Video
Touch to access the TV video list.
(10) Video podcast
Touch to access the VIDEO podcast list.
(11) Movie
Touch to access the Movie list.

Touching (2) to (11), it will display following information: