

Single Din A/V Source Unit w/ Detachable 7" TFT-LCD Touch Screen

OWNER'S MANUAL

Mobile Video System



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 become somewhat scratched (although not enough to make it unusable) depending on your handling 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.

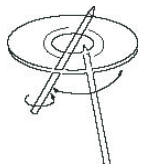


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SAFETY INFORMATION

Please read the manual carefully before operating this unit and keep it for future reference.

CAUTION: This unit is a class 1 laser product. To prevent direct exposure to the laser system, do not open the unit. The laser beam may hurt your eyes. If the unit requires adjustments, contact an authorized service centre.

USE THIS PRODUCT SAFELY

Be sure you fully understand the following safety information:

When driving

Keep the unit at an appropriate sound level. Driving with the sound at a level preventing you from hearing sounds outside and around the car may cause an accident.

When cleaning

Do not expose the product to water or excessive moisture. This could cause short circuit, fire or other severe damage.

When parked

Parking in direct sunlight can result in very high temperature levels inside your car. Let the interior and unit cool down before switching the unit on.

NOTE:

Do not use and store the player in dusty, hot or humid environment.

FUSE REPLACEMENT – WARNING!



Never replace any fuse with one of a higher value than the fuse supplied with your unit. Using a higher current rated fuse may cause damage to your unit and/or electrical wiring.

Problem	Cause	Action
TFT MONITOR		
No video display (when in reverse)	Reverse circuit not connected	Check connections at reverse lamp
	Vehicle is not in reverse	Select reverse gear
Front panel will not open/close	Front panel obstructed	Remove the obstruct 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
Prolonged image or improper height/width ratio display	Improper video signal connections	Check wiring and correct
	Improper aspect ratio setup	Use correct aspect ratio setting
Touch screen function disorder if the position is excursion	Under different condition, for example: temperature , humidity, tec.	Do touch screen calibrate
DISC		
Cannot insert disc	Disc already inside unit	Eject current disc and insert new one
DVD does not start playback	Disc is warped or scratched	Use disc in good condition
	Disc is dirty or wet	Clean disc with soft cloth
	Incompatible disc is used	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 disc with proper region code
	Disc is inserted upside down	Insert disc with label side up
Image blurred , distorted, or dark	Disc is illegally copied	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
Bad Disc appears on display	Focus error	Press eject or RESET

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 not connected or incorrect voltage Re 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
	Illegal 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 and check
Poor sound quality or distortion	Speaker power rating not compatible with unit	Connect proper speakers
	Speaker is shorted	Check speaker wire contact
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 reverse)	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 sleeve
	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 cable properly
	Auto antenna not properly connected	Connect the auto antenna control cable properly
	LOCAL function is activated	Turn LOCAL function off

FEATURES

- Motorized Front Panel with 4 Pre-Set Angles & Last Angle Memory
- Theft Deterrent Detachable Faceplate
- Accepts Add-On GPS Navigation Module, NAVIBOX-1 (Optional)
- Accepts Add-On Digital TV Tuner Module, DTV-1 (Optional)
- Car-Spec DVD Transport for Extreme Temperature Exposure
- Playback from DVDR/RW & CDR/RW, Including VCD, MP3, MP4 & DivX
- Recall Memory for Last DVD Position
- IPOD Input Connection (requires IPOD cable) (Optional)
- Mini-USB Connection for MP3 & MP4 Playback from 16GB Flash Drive or SD Card
- 18 FM / 12 AM Station Memory
- 50w x 4 MOSFET Powered Speaker Level Outputs
- Fixed Subwoofer Output
- A/V Outputs for Multiple Components
- A/V Inputs for Secondary Source
- Front Panel 3.5mm Auxiliary A/V Input
- Reverse Camera Input with Trigger
- Custom & Pre-Set EQ Settings
- Audio Staging Controls
- 12/24 Hour Clock
- USA/European Frequency Stepping
- NTSC/PAL Auto Selection
- High Definition Digital Panel with LED Back Light
- 400 NIT Backlight Brightness
- Built-in TV Tuner (Optional)

Bluetooth Features (Optional)

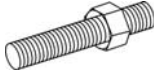
- Work with Most Bluetooth V2.0 Enabled Phones
- Noise & Echo Cancellation
- Contacts List Transferred for Easy Access Dialing
- Caller ID Shows Name and Number from Contacts List
- Recent Calls & Talk Time Logs
- A2DP for MP3 Playback

NOTE:

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

ACCESSORIES

1



Bolt x 1

2



Back Strap x 1

3



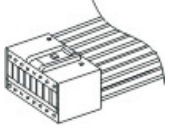
M5X5 Screws x 4

4



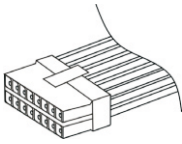
Keys x 2

5



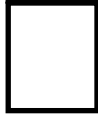
Power Wire x 1

6



Connector Wire x 1

7



Operational Manual x 1

8



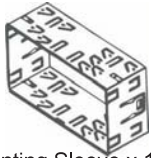
Faceplate Case x 1

9



Trim Bezel x 1

10



Mounting Sleeve x 1

11



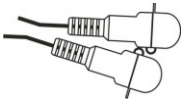
Remote Control x 1

12



USB Cable x 1

13



AUX Cable x 1

14



External Microphone x 1
(Optional)

SPECIFICATIONS

GENERAL

Supply Voltage	: 14.4V DC (11-16V allowed)
Load Impedance	: 4Ω per channel
Max Power Output	: 50W x 4
Bass 100Hz	: ≥ 10dB
Treble 10KHz	: ≥ 10dB
Dimensions (approx.)	: 183 x 188 x 60 mm (d/w/h)
Mounting (approx.)	: 160 x 178 x 50 mm (d/w/h)

FM TUNER

Frequency Range	: 87.5 – 108 MHz (Europe/Asia) 87.5 – 107.9 MHz (USA)
IF	: 10.7 MHz
Usable Sensitivity	: ≤ 15dBuV
Stereo Separation	: ≥ 26dB (1 KHz)
Frequency Response	: 100-20000Hz

AM TUNER

Frequency Range	: 531 - 1602 KHz (Asia) 522 - 1620 KHz (Europe) 530 - 1710 KHz (USA)
IF	: 450 KHz
Usable Sensitivity	: ≤ 40dBuV

TV TUNER (Optional)

Frequency Range	NTSC : 55.25 MHz~855.25MHz PAL: 48.25 MHz~855.25MHz
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DVD PLAYER

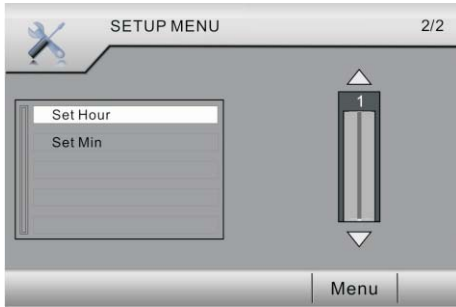
Signal-to-noise Ratio	: ≥ 85dB (1 KHz)
Distortion	: ≤ 0.5%

MONITOR

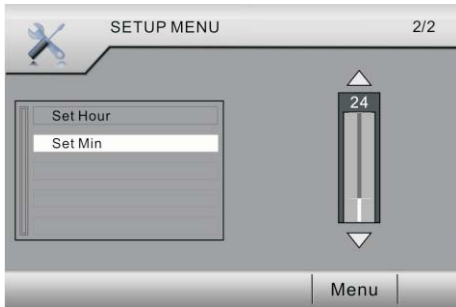
Resolution	: 480 (w) x 234 (H) (RGB)
Brightness	: 400 cd/m ²
Contrast	: 400:1

NOTE:

Specifications and design are subject to modification without notice due to improvement in technology.

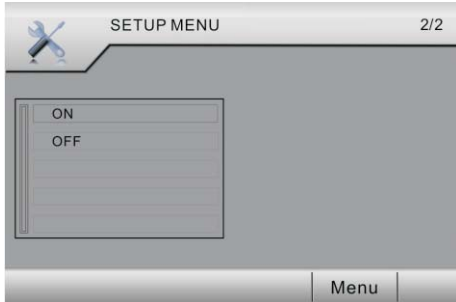


Touch [UP] / [DOWN] icons to adjust the parameters of Hour (Range: 1 to 12 under 12H / 0 to 23 under 24H).



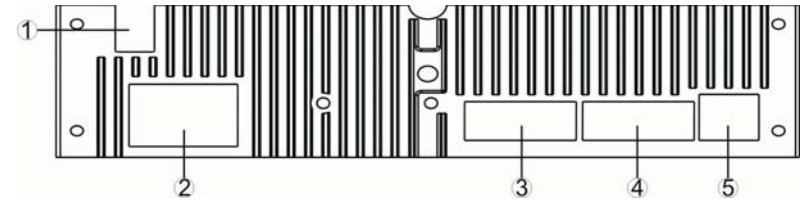
Touch [UP] / [DOWN] icons to adjust the parameters of Min (Range: 0 to 59).

Time ON/OFF

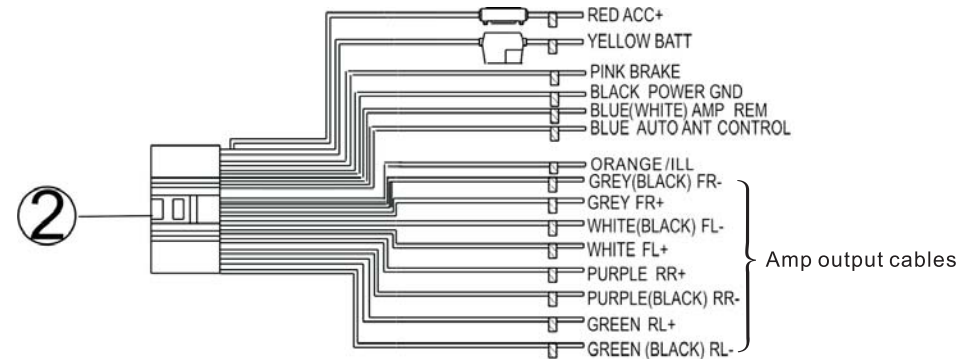


Following options are available for the Time ON/OFF
ON OFF

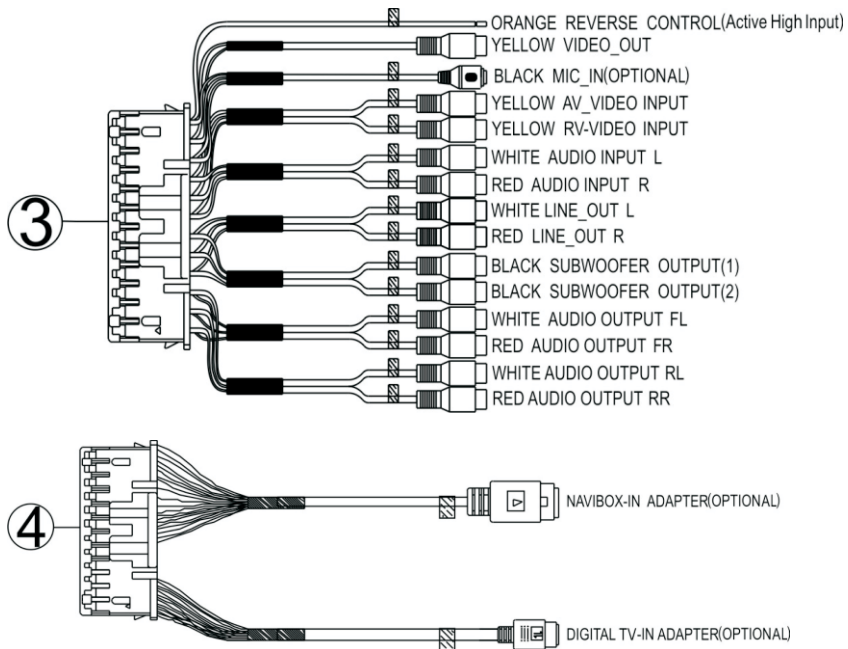
WIRE CONNECTION



1. RADIO & ANALOG TV ANTENNA (OPTIONAL)
2. 15PIN SOCKET
3. AUDIO / VIDEO OUTPUT & INPUT
4. NAVI & DIGITAL TV ADAPTER (OPTIONAL)
5. IPOD ADAPTER

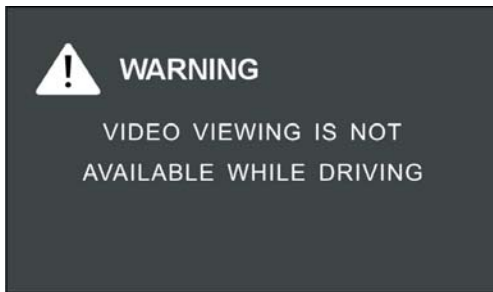


WARNING: Do not connect any amplifier output wire with the battery or power supply, otherwise it may burn the amplifier IC. There are 8 amplifier output wires as shown in picture 2.



Brake Control

Connect the brake control wire AUTO_ANT (see Wiring Diagram). It is necessary to connect the Brake Control wire to the Hand-brake switch of the car. While driving, the TFT monitor will display the alarm picture (see as follows) in order to ensure the safety.

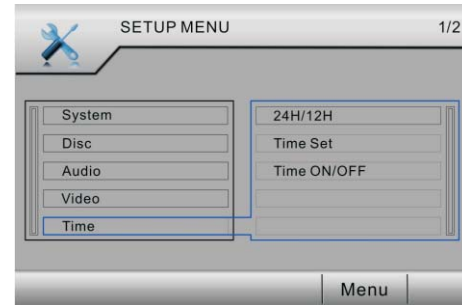


Under the Rear View Mode, the Brake Control function is no effective.

Auto Antenna Control

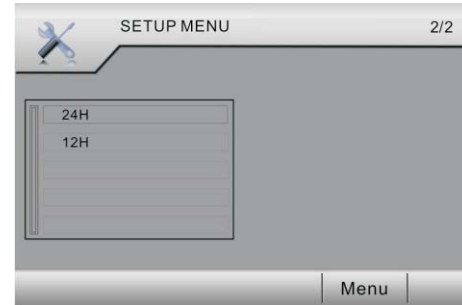
Connect the auto antenna control wire AUTO_ANT (see Wiring Diagram). The antenna will lift when the unit startup; it will descend when the unit turnoff.

TIME



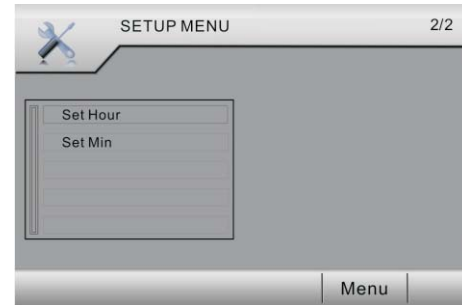
Following options are available for the Time
24H/12H Time Set Time ON/OFF

24H/12H

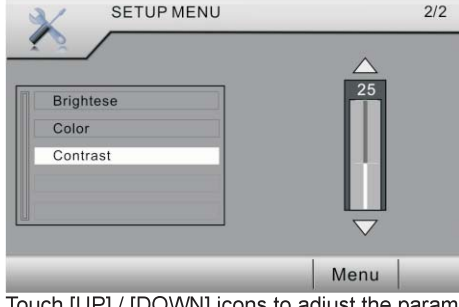
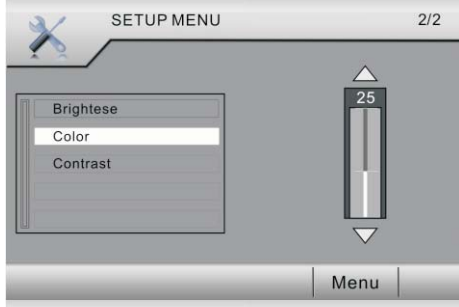
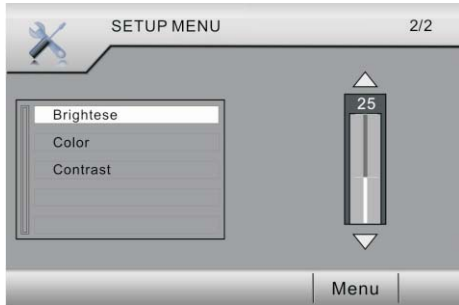


Following options are available for 24H/12H
24H 12H

Time Set

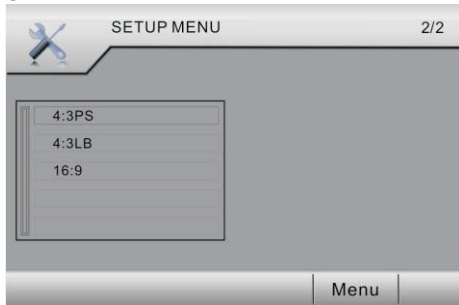


Following options are available for the Time Set
Set Hour Set Min



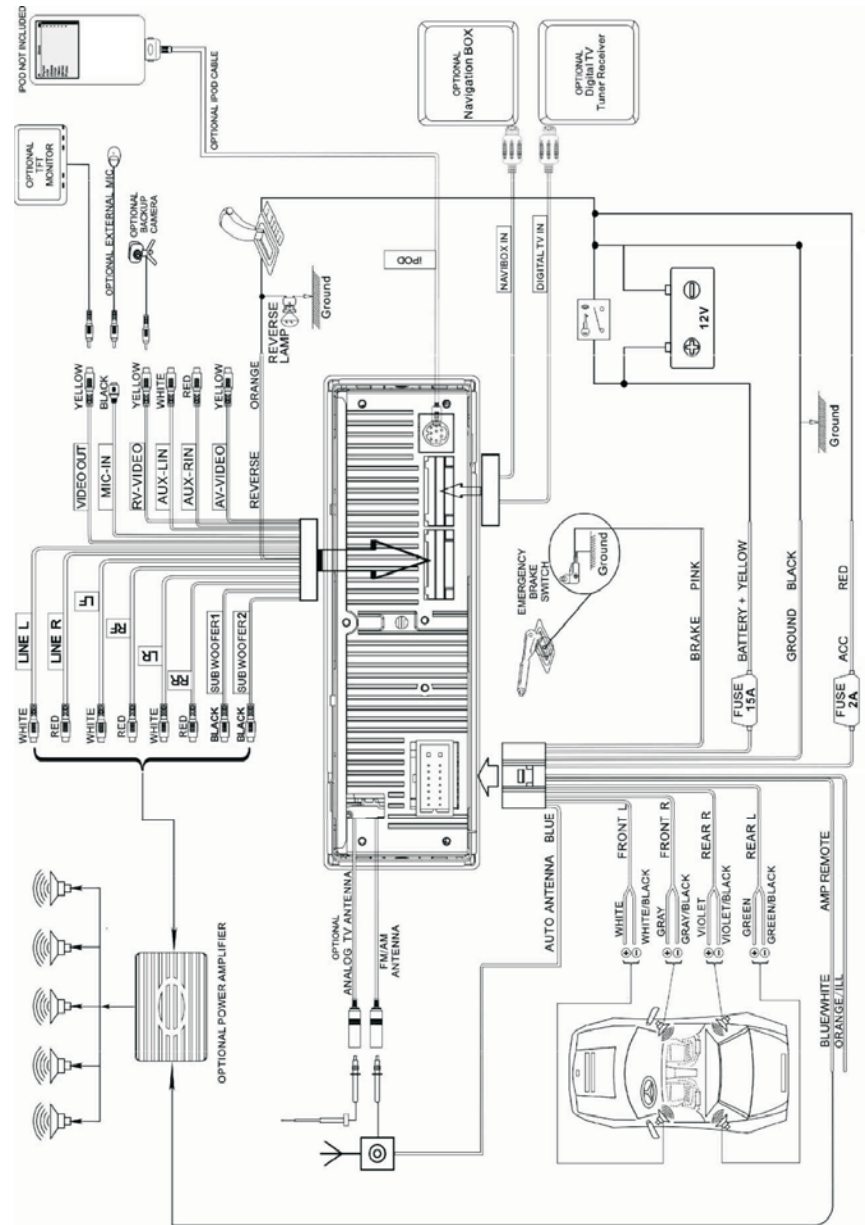
Touch [UP] / [DOWN] icons to adjust the parameters of Brightness / Color / Contrast (Range: 0 to 50).

Screen Mode



Following options are available for the Screen Mode
4:3PS 4:3LB 16:9

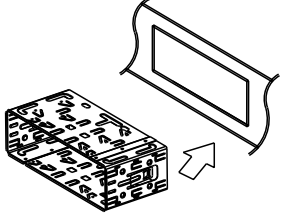
Wiring Diagram



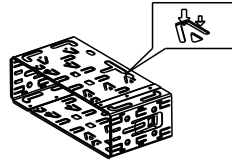
UNIT INSTALLATION AND REMOVE

Installation Method 1:

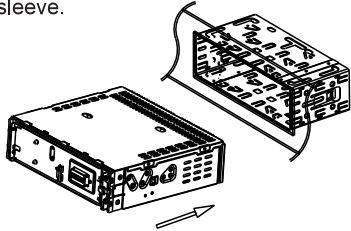
1 Install the mounting sleeve into the dashboard.



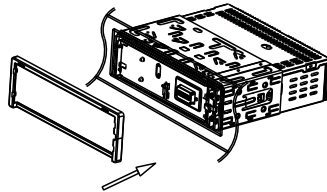
2 Bend the claws into place to secure the sleeve.



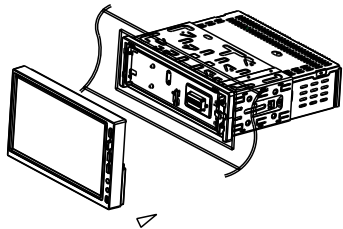
3 Slide the units into the mounting sleeve.



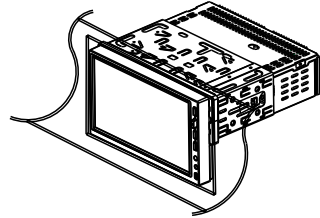
4 Install the trim bezel onto the unit.



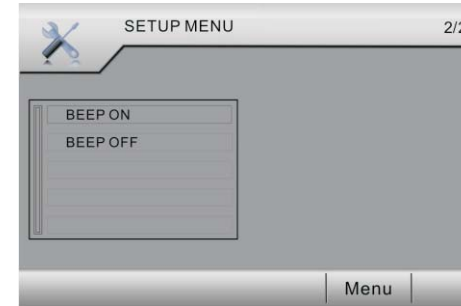
5 Install the face panel onto the unit.



6 Sketch map when installation is finished.

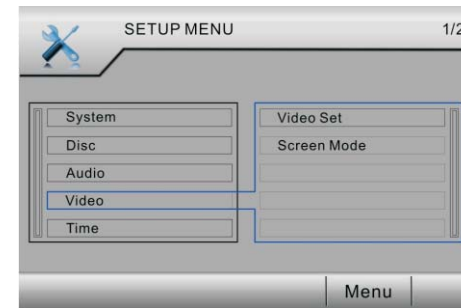


BEEP



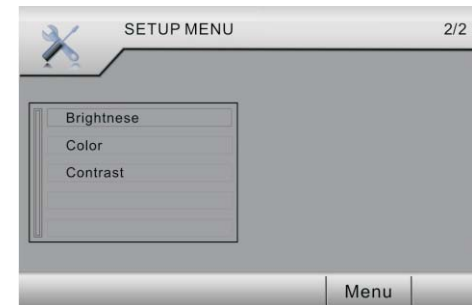
Following options are available for the BEEP
BEEP ON BEEP OFF

VIDEO

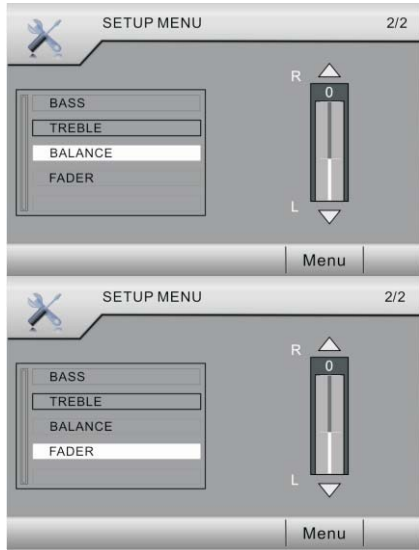


Following options are available for the Video
Video Set Screen Mode

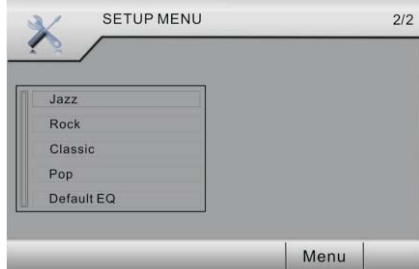
Video Set



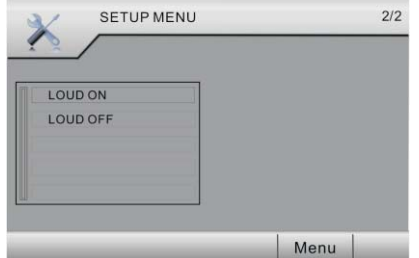
Following options are available for the Video Set
Brightness Color Contrast



Touch [UP] / [DOWN] icons to adjust the parameters of BASS / TREBLE / BALANCE / FADER (range:-7 to 7).
EQ



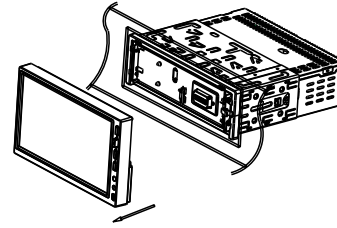
Following options are available for the EQ
Jazz Rock Classic Pop Default EQ
LOUD



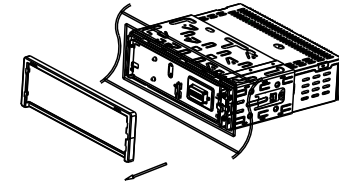
Following options are available for the LOUD
LOUD ON LOUD OFF

Removal Method 1:

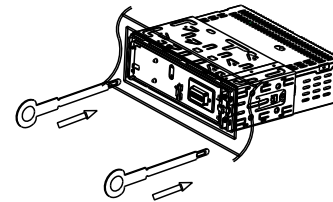
1 Detach the face panel by pushing the release button.



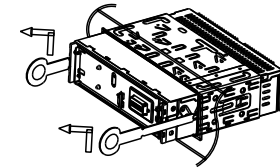
2 Detach the trim bezel.



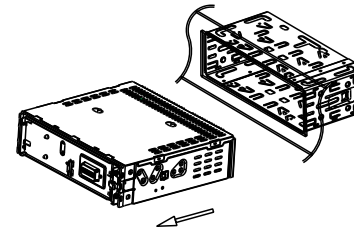
3 Insert the keys into the aperture between the unit and the mounting sleeve to release the internal locks.



4 Pull the unit out of the mounting sleeve.

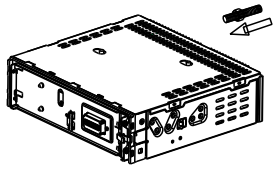


5 Sketch map when removal is finished.

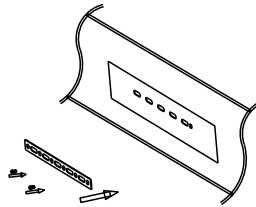


Installation Method 2:

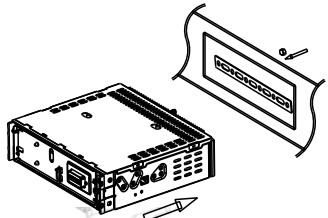
1 Tighten the bolt onto the rear panel of the unit.



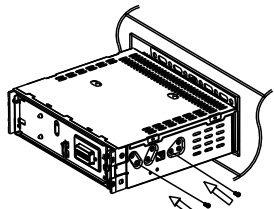
2 Tighten the back strap onto your car inside the dashboard.



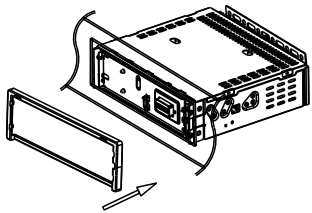
3 Place the unit into the dashboard; make the bolt bar across back strap; and then fix the bolt by the Nut M5.



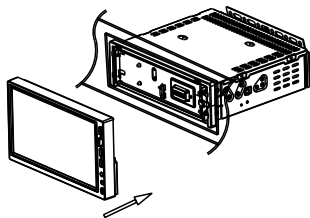
4 Screw the unit on the car on the two sides with M5x5 SCREWS.



5 Install the trim bezel onto the unit.

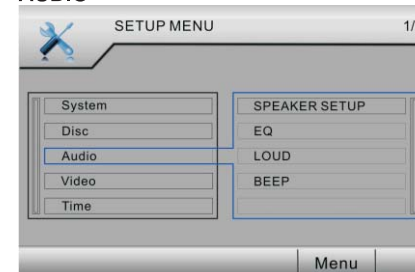


6 Install the face panel onto the unit.



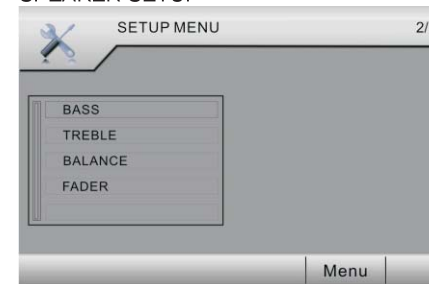
Following options are available for the Subtitle Language
 CHINESE ENGLISH JAPAN FRENCH SPANISH
 PORTUGUESE GERMAN OFF

AUDIO

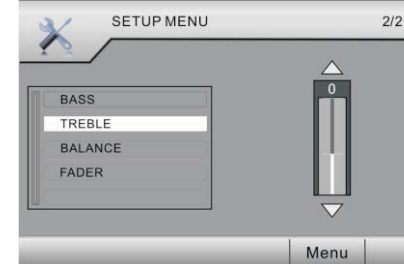
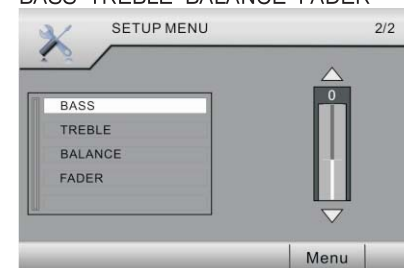


Following options are available for the Audio
 SPEAKER SETUP EQ LOUD BEEP

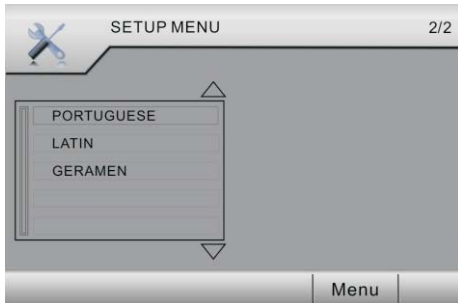
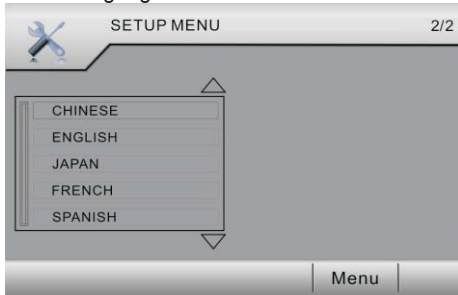
SPEAKER SETUP



Following options are available for the SPEAKER SETUP
 BASS TREBLE BALANCE FADER

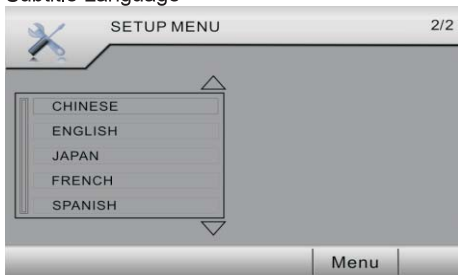


Audio Language



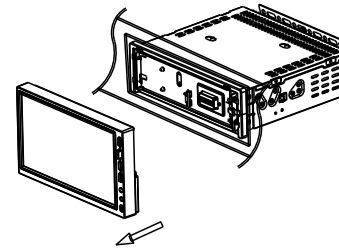
Following options are available for the Audio Language
 CHINESE ENGLISH JAPAN FRENCH SPANISH
 PORTUGUESE LATIN GERMAN

Subtitle Language

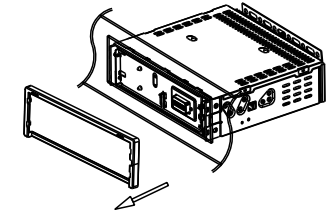


Removal Method 2:

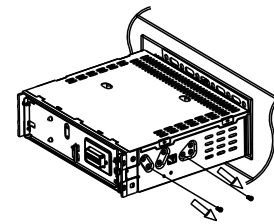
1 Detach the front panel by pushing the release button.



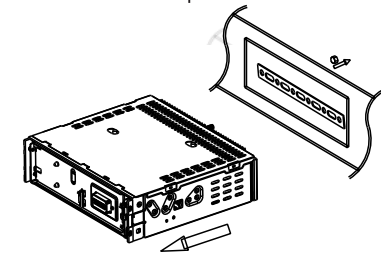
2 Detach the trim bezel.



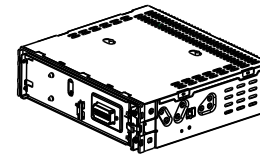
3 Unscrew the unit off the car on the two sides.



4 Unscrew the Nut M5 screw on the rear side of the unit and pull out the unit.



5 Sketch map when removal is finished.



FRONT PANEL



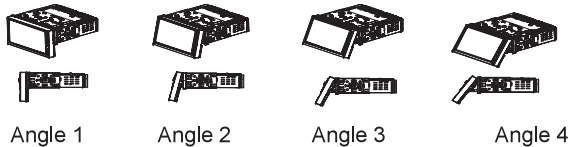
- | | | |
|-------------------|-----------|----------------------|
| 1. OPEN/TILT | 2. REL | 3. MENU / NAVI / VOL |
| 4. POWER / SOURCE | 5. REMOTE | 6. AUX IN |
| 7. MIN USB | | |

1. Open/Tilt

Press the button to open the monitor to eject the disc, press it again to close the monitor.

Hold pressing the button to enter into adjusting mode, press it again to adjust the angle of the front panel as following:

Angle 1 - Angle 2 - Angle 3 - Angle 4 - Angle 1



2. REL

Press to take off the panel for burglar-proof purpose.

3. Menu/Navi/Vol

Touch to access the Main Menu.

Hold on touching to access the NAVI mode.

4. Power / Source

When ACC is on, press the button to turn the unit ON;

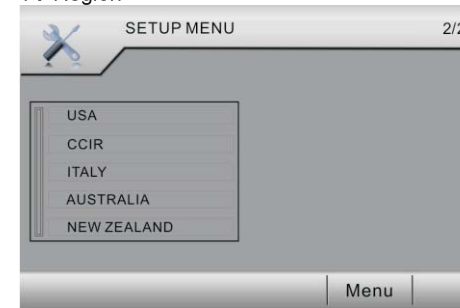
Hold on pressing the button to turn the unit OFF.

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

5. Remote

Remote infrared receiver.

TV Region



Following options are available for the TV Region

USA CCIR ITALY AUSTRALIA NEW ZEALAND

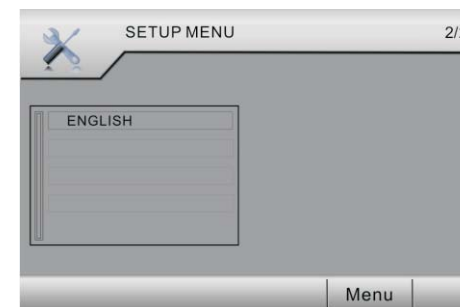
DISC



Following options are available for the Disc

OSD Language Audio Language Subtitle Language

OSD Language



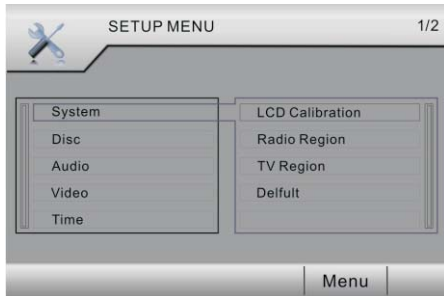
Following options are available for the OSD Language

ENGLISH

SETUP OPERATIONS

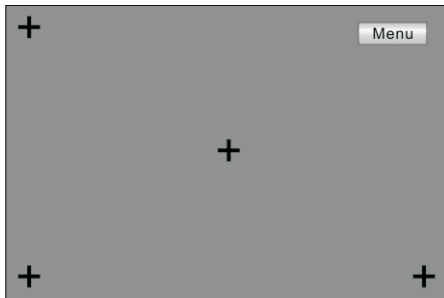
Touch the [SETUP] icon to enter the SETUP MENU.

SYSTEM

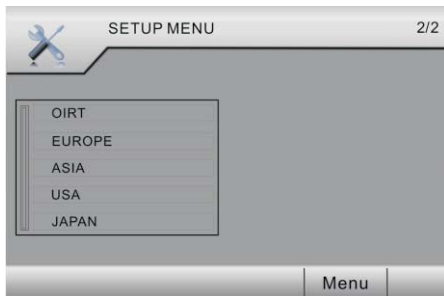


Following options are available for the System
LCD Calibration Radio Region TV Region Default

LCD Calibration



Radio Region



Following options are available for the Radio Region
OIRT EUROPE ASIA USA JAPAN

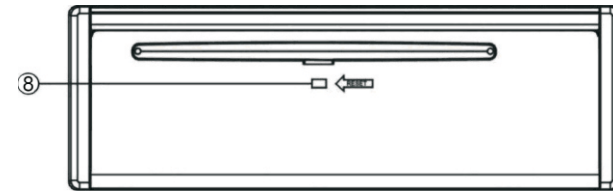
6. AUX IN

Connect an external audio device to this jack to listen to the device through your car speakers.

7. Mini USB

The unit will be switched to DVD Mode automatically when USB connected, and play the songs, pictures, videos in USB.

BASE PANEL



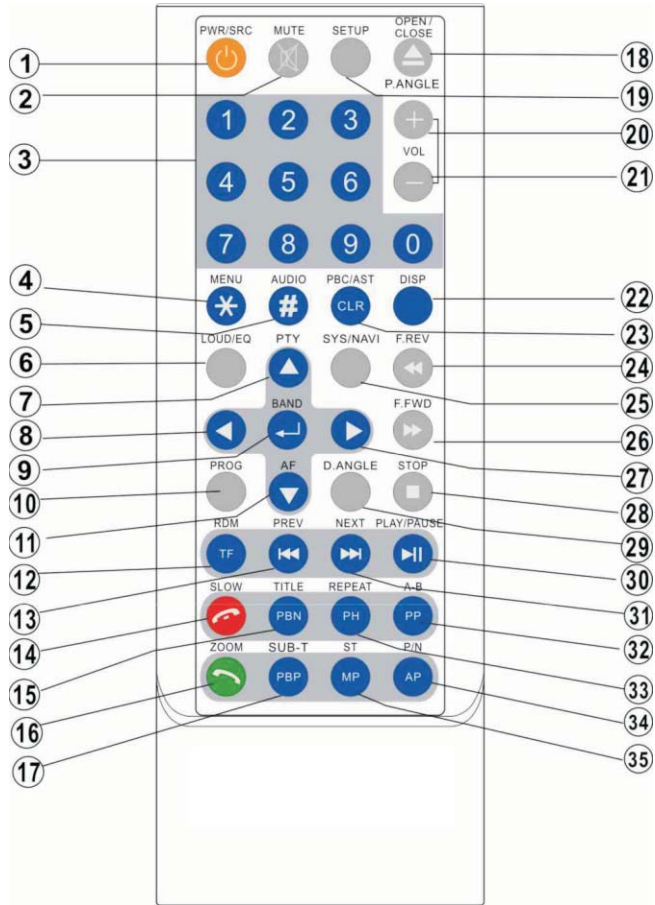
8. RESET

If the unit ever needs to be reset, you can do so by removing the face plate to gain access to the reset button.

Press and hold this button 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.

REMOTE CONTROL



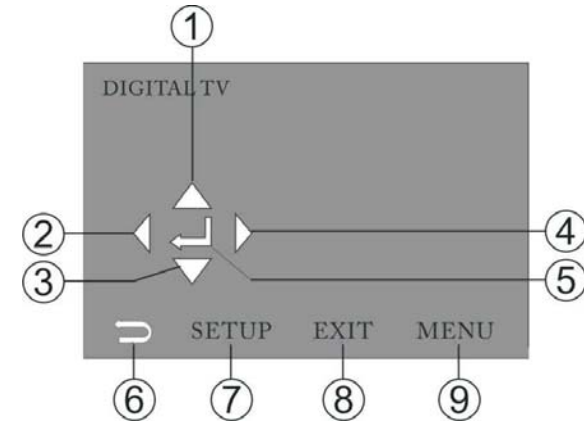
- | | | |
|-----------------------|-----------------------------------|----------------------|
| 1. POWER/SOURCE | 13. PREVIOUS | 25. SYSTEM / NAVI |
| 2. MUTE | 14. SLOW / END CALL | 26. F.FWD |
| 3. NUMBER BUTTONS | 15. TITLE / PBN | 27. RIGHT(Seek up) |
| 4. MENU / * | 16. ZOOM / CALL | 28. STOP |
| 5. AUDIO / # | 17. SUBTITLE / PBP | 29. D.ANGLE |
| 6. EQ / LOUD | 18. OPEN / CLOSE / P.ANGLE/ EJECT | 30. PLAY / PAUSE |
| 7. UP (TUNE UP)/PTY | 19. SETUP | 31. NEXT |
| 8. LEFT (SEEK DOWN) | 20. VOLUME+ | 32. A-B / PHONE PAIR |
| 9. ENTER / BAND | 21. VOLUME- | 33. REPEAT / PHONE |
| 10. PROGRAM | 22. DISPLAY | 34. PAL / NTSC / AP |
| 11. UP (Tune Down)/AF | 23. PBC / AST / CLEAR | 35. STEREO / MP |
| 12. RANDOM / TRANSFER | 24. F.REV | |

NOTE:

This is a universal remote, some functions would be optional.

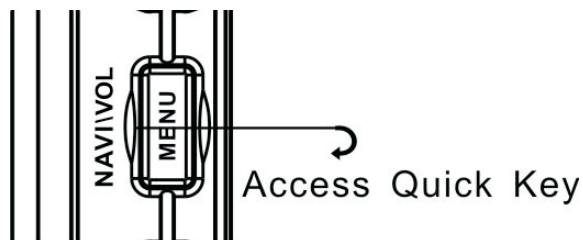
DIGITAL TV OPERATIONS (Optional)

Touch the icon "DIGITAL TV" to enter the DIGITAL TV Mode:



1. UP
Touch to select another TV available station upward.
2. LEFT
Touch to decrease the TV volume.
Under the SET UP, touch to move the cursor left direction.
3. DOWN
Touch to select another TV available station downward.
4. RIGHT
Touch to increase the TV volume.
Under the TV OSD, touch to move the cursor right direction.
5. ENTER
Touch to confirm the selection of TV SET UP.
6. RETURN
Touch to return the previous menu.
7. SET UP
Touch to enter the set up menu.
8. EXIT
Touch to exit the set up menu.
9. MENU
Touch to return the main menu.

Quick Access Key [NAVI]

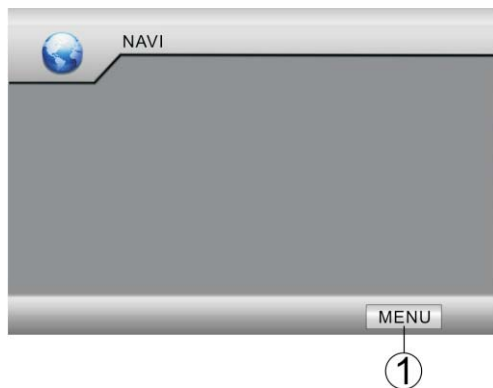


Under any working mode, hold on pressing the [MENU/NAVI] button to switch to NAVI mode; hold on pressing the [MENU/NAVI] button again to return the previous working mode. For example, under Radio mode, hold on pressing the [MENU/NAVI] button to switch to NAVI mode; hold on pressing the button again to quit the NAVI mode and return back the Radio mode.

Enter the NAVI mode by Quick Access Key, the previous working mode is still working on background. For example, under Radio mode, hold on pressing the [NAVI] button to switch to NAVI mode, and you can still listen to the radio stations. But when voice of Navigation comes, the radio will be interrupted until voice of Navigation ends.

No NAVIBOX Connection

Touch the "NAVI" icon to enter the following screen if the NAVIBOX not connected:



1. Menu

Touch to return the main MENU.

1. [POWER/SOURCE]

When ACC is on, press the button to turn the unit on; hold on pressing the button to turn off the unit.

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

2. [MUTE]

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

3. [NUMBERS 0~9]

Radio Mode, press the buttons 1~6 to select a preset station, hold on touching to store current radio frequency to the preset station.

DVD Mode, When playing DVD, VCD, CD, MP3, press the buttons 0~9 to input the number of track, press the [BAND] button to confirm.

TV Mode, press the buttons 0~9 to choose the channel and press the [BAND] button to confirm.

Bluetooth Mode, press the buttons 0~9 to input phone numbers.

4. [MENU / *]

DVD Mode, press to return to the boot menu when playing DVD disc.

Bluetooth Mode, press to input the symbol *.

5. [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 #.

6. [LOUD/EQ]

Press to adjust the EQ setting as following:

USER – POP – CLASSIC – ROCK – JAZZ – USER

Hold on pressing to switch between LOUD ON / OFF.

7. [^] / 8. [<] / 11. [v] / 27. [>] Direction Key

DVD Mode and System Parameters Setup, press the [v] / [^] buttons to move the cursor upward / downward to select item. Press the [<] / [>] buttons to move the cursor leftward / rightward to select item.

Radio Mode, press the [<] / [>] buttons to switch the stored stations. Hold on pressing the [<] / [>] buttons to fast seeking the next available channel by decreasing / increasing the tuning frequency; seeking will stop by pressing any button. Press the [v] / [^] buttons to decrease / increase the frequency step by step. Hold on pressing the [v] / [^] buttons to fast seeking by decreasing / increasing the tuning frequency; seeking will stop when loose the button.

TV Mode, hold on pressing the [<] / [>] buttons to fast tuning channel forward the low / high frequency automatically. Press the [^] / [v] buttons to select the stored channel upward / downward.

Bluetooth Mode, press [<] / [>] buttons to switch between dialing page, phonebook, music and setup page.

NAVI Mode, press the [v] / [^] buttons to decrease / increase the brightness of the screen.

9. [BAND/ENTER]

DVD Mode, press to confirm the selection.

Radio Mode, press to switch the wave band as following:
FM1 – FM2 - FM3 - AM1- AM2 - FM1

TV Mode, press to switch the TV audio as following:
NTSC – PAL/BG – PAL/I – PAL/DK – NTSC

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

10. [PROGRAM] (NO FUNCTION)

DVD Mode, press to enter / exit the PROGRAM Function when playing the DVD, VCD, CD disc.

12. [RANDOM/TRANSFER]

DVD Mode, press to turn RANDOM function on / off when playing DVD, VCD, CD disc.
(NO FUNCTION)
Bluetooth Mode, press to transfer the call between the unit and your cell phone when talking the phone.

13. [PREVIOUS] / 31. [NEXT]

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

14. [SLOW/END CALL]

DVD Mode, press to 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.
(NO FUNCTION)
Bluetooth Mode, press to reject or hang up a call.

15. [TITLE/PBN]

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. [ZOOM/CALL]

DVD Mode, press to zoon 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.

17. [SUB-T/PBP]

DVD Mode, press to change the subtitle language when playing DVD disc.
Bluetooth Mode, press to enter the previous page of phone number list in phonebook.

18. [OPEN/CLOSE/P.ANGLE/EJECT]

Press the button to open the monitor to eject the disc, press it again to close the monitor.
Hold pressing the button to enter into adjusting mode, press it again to adjust the angle of the front panel as following:
Angle 1 - Angle 2 - Angle 3 - Angle 4 - Angle 1

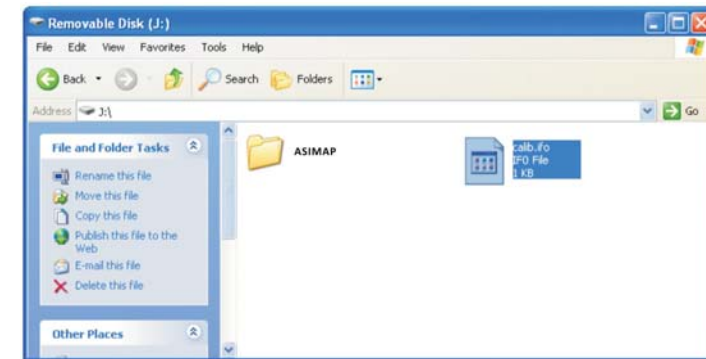
19. [SETUP]

Press to enter/ exit the SETUP mode.

Read information and touch "I agree" button at the bottom of the screen, then enter the NAVI mode.

NOTE:

If change the NAVIbox to connect another unit, please take out the SD card from the NAVIbox and connect with computer, the following screen is displayed on computer:



Delete the file "calib.ifo" only. Insert the SD card into NAVIbox again, and connect the NAVIbox with another unit.

Go to NAVI mode

Touch the icon "NAVI" to enter the NAVI Mode if NAVIBOX connected:

Following screen will be displayed:



Read information and touch "I agree" button at the bottom of the screen.

Enter the NAVI mode by main menu, the NAVI operations are effective only, all other processes are disable such as Radio, CD etc.

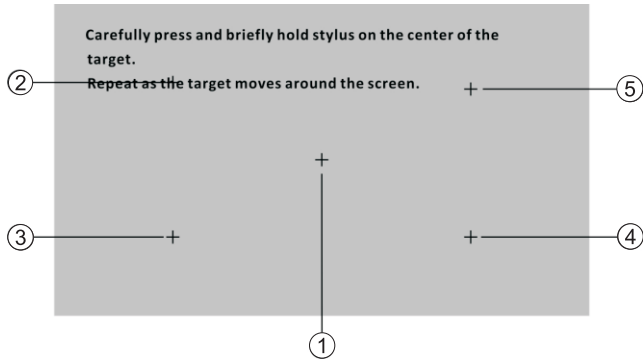
NOTE:

Under NAVI mode, please view all operations by Navigation Device NAVIBOX-1 User's manual.

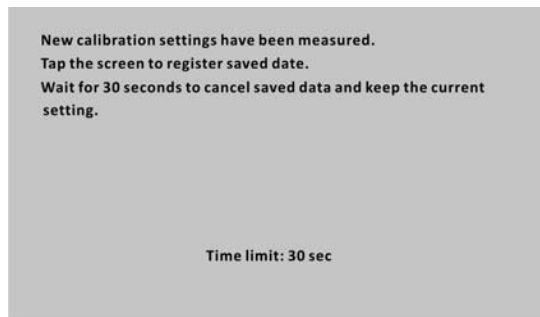
NAVI OPERATIONS (Optional)

Touch Screen Calibration

When 1st time to enter NAVI mode, you will see the calibration screen. Please touch the points from 1 to 5 by using a ballpoint pen or pencil.



Then the following screen is displayed:



The Touch Screen is restored to their default positions. Touch anywhere of panel to finish the calibration and go to the following screen:



20. [VOL+] / 21. [VOL-]

Press to increase / decrease the volume.

Hold on pressing the button to keep increasing/decreasing the volume.

22. [DISPLAY]

Under 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.

23. [PBC/AST/CLEAR]

DVD Mode, press to select the PBC function on / off when playing VCD disc.

Radio Mode, press to review stored stations; Hold on pressing to automatically program the 6 strongest stations available into the presets in the each wave band.

TV Mode, automatically seek the stations available.

Bluetooth Mode, press to cancel or clear the numbers you have input.

24. [F.REV] / 26. [F.FWD]

DVD Mode, press to fast reverse / fast forward at 2x speed. Each press changes speed from 2x to 4x to 8x to 16x to 32x then back to normal play. Press the [PLAY/PAUSE] button to resume to normal playback.

25. [SYSTEM/NAVI]

Press to enter / exit the System Parameter Setup menu when playing DVD, VCD and CD disc.

Hold on pressing to enter / exit the NAVI Mode.

28. [STOP]

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

29. [D.ANGLE]

DVD Mode, press to select different viewing angles with interactive DVD media during playback.

30. [PLAY/PAUSE]

DVD Mode, press to pause or resume the playback.

32. [A-B/PHONE PAIR]

DVD Mode, press to set point A, press it again to set point B, then the unit starts to repeat from A to B. When playing DVD, MP3, press it again to stop repeating. When playing VCD, CD, press it again to repeat all tracks.

Bluetooth Mode, press to start phone-pairing.

33. [REPEAT/PHONE]

DVD Mode, press to repeat as CHAPTER-TITLE-ALL-REPEAT OFF when DVD playback. Press to repeat as TRACK-ALL-REPEAT OFF when VCD/CD playback.

Press to repeat as REPEAT ONE-REPEAT ALL-REPEAT OFF when MP3 playback.

Bluetooth Mode, press to break off or connect cell phone with the unit.

34. [P/N/AUDIO PLAYER]

DVD Mode, press to switch the video output (PAL/NTSC) when playing DVD disc.
(NO FUNCTION)

Bluetooth Mode, press to enter into AUDIO PAIRING.

35. [STEREO/MUSIC PAIR]

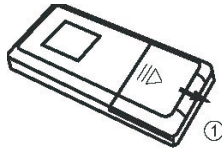
Radio Mode, press to turn the stereo on / off under.

Bluetooth Mode, press to break off or connect the music storage medium with the unit.

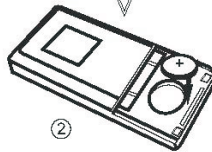
REPLACING THE BATTERIES

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

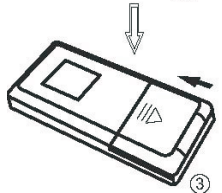
1. Pull out the battery holder. Follow the arrow 1 slide it to the right toward the battery while at the same time pull the battery holder away from the remote control.



2. Place the new battery. Place the new lithium battery with the (+) side up.

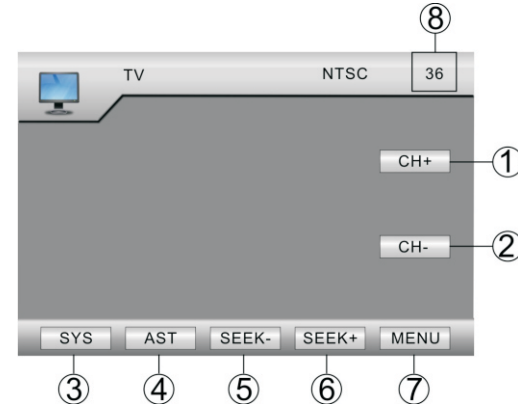


3. Push the holder back. Using the finger to push in the holder back until the locking sound is heard.



TV OPERATIONS (Optional)

Touch the icon "TV" to enter the TV Mode:



1. CH+ / 2. CH-

After the Auto Station Tune, touch to select the stations downward/upward.

3. SYS

Touch the icon to switch the TV system as following
NTSC – PAL BG – PAL I – PAL DK – NTSC

4. AST (Auto Station Tune)

Touch to automatically seek all strongest stations available; touch any icon to stop the tuning.

5. / 6. Seek Next Station – Down / Up

Touch to seek the next available channel by increasing / decreasing the tuning frequency.

7. MENU

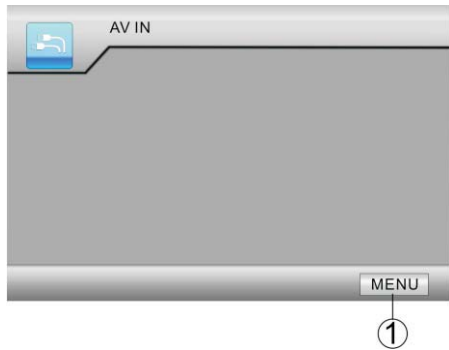
Touch the icon to return the main menu.

8. Current Channel Indicator

Displays the TV channel currently playing

AV IN OPERATIONS

Touch the icon "AV IN" to enter the AV IN Mode:



1. MENU

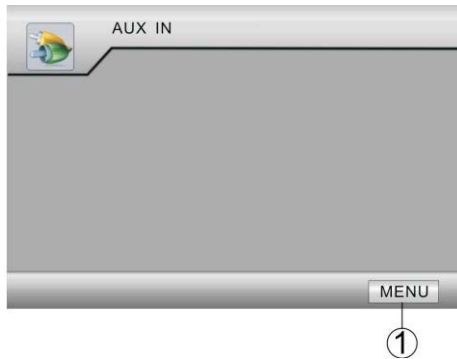
Touch the icon to return the main menu.

NOTE:

There are 2 RCA Audio Inputs & 1 RCA Video Input for unit.

AUX IN OPERATIONS

Touch the icon "AUX IN" to enter the AUX IN Mode:



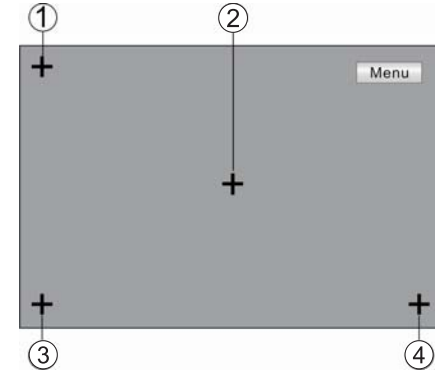
1. MENU

Touch the icon to return the main menu.

TOUCH SCREEN OPERATIONS

TOUCH SCREEN CALIBRATION

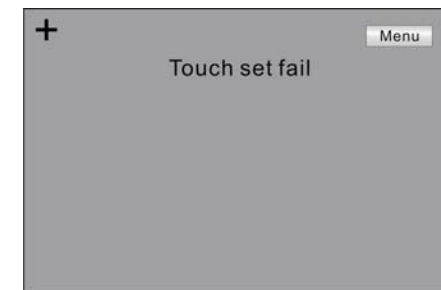
When "Power on", press the [SETUP] of remote control to enter the CALIBRATION page:



To touch the points from 1 to 4 until the points change to next cross by using a ballpoint pen or pencil. After all 4 points have been touched, the unit has been finished the CALIBRATION. If the calibration is succeeded, the unit would display the following page and then turn the icon MENU to return to the main menu.

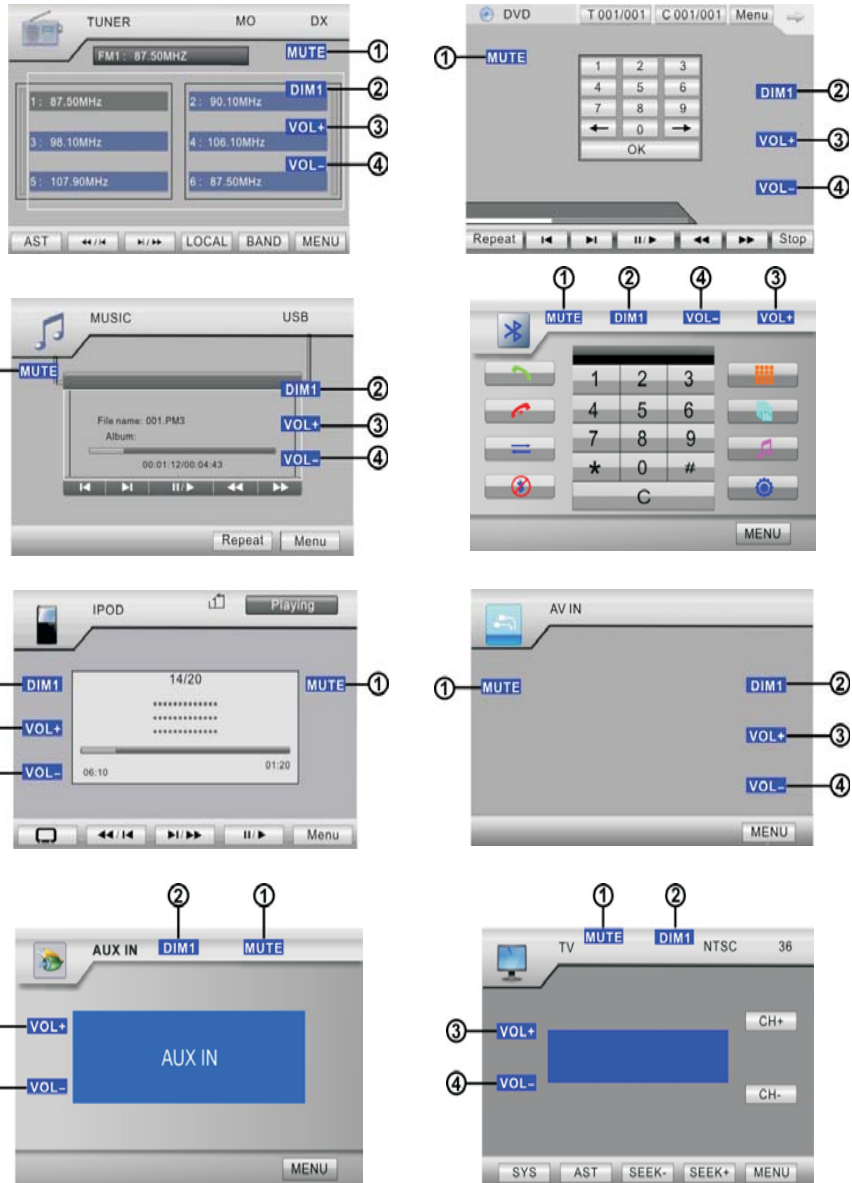


If the calibration is failed, the unit would display the following page and please operate the above processes again.



VOLUME ADJUSTMENT

When access to FM/AM , DVD, USB, BLUETOOTH, IPOD, AV IN, AUX IN, TV mode, touch any empty space of the screen, you will see the below images:



Video Page

Under the Video Page, use the controller of IPOD itself to control all operations of IPOD including play music, videos and view pictures.

6. MUSIC

Touch to switch to MUSIC mode

7. Menu

Touch the icon to return the main menu.

NOTE:

The TV Output in IPOD SETUP should be effective, and the pictures & videos could be displayed on the TFT monitor of unit.

IPOD OPERATIONS (Optional)

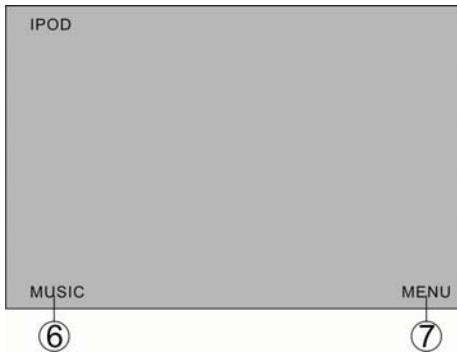
- 1, Touch the [IPOD] icon to switch IPOD Mode if IPOD connected.
- 2, The unit will switch to IPOD Mode automatically when IPOD connects.
- 3, The unit will switch to RADIO Mode automatically if IPOD disconnected.



Music Page

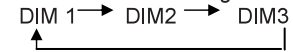
Under the Music Page, it is not effective for the controller of IPOD itself, use the touch buttons of screen to control the operations.

1. VIDEO
Touch to switch to the VIDEO mode.
2. Previous / Fast Reverse
Touch to go to the pervious track. Hold on touching to fast reverse the track.
3. Next / Fast Forward
Touch to go to the next track. Hold on touching to fast forward the track.
4. Play/Pause
Touch to pause or resume the playback.
5. Menu
Touch the icon to return the main menu.



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

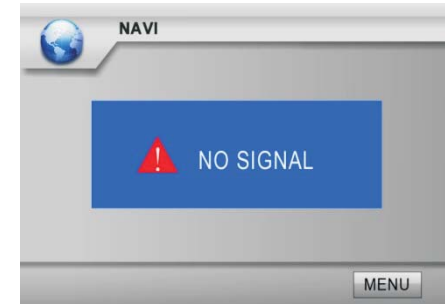
2. Press to switch brightness modes as following:



The screen brightness will decrease step by step from DIM1 → DIM2 → DIM3

3. Press to increase the volume
4. Press to decrease the volume

NAVI MODE



1. Adjust volume by Remote Control , press the VOL+/VOL-keys to increase/decrease the volume.
2. Switch to main menu, touch the VOL+/VOL- to increase/decrease the volume.

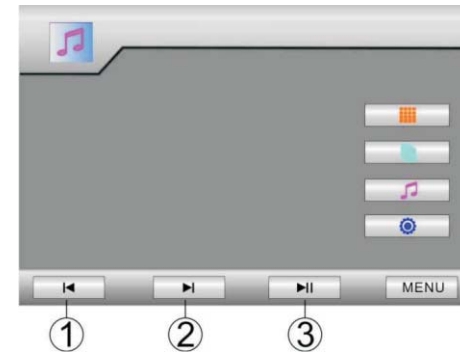
MAIN MENU



- 1, Touch DISC icon to the **DISC** mode.
- 2, Touch USB icon to the **USB** mode.
- 3, Touch to adjust **VOLUME**.
- 4, Touch FM/AM icon to the **FM/AM** mode.
- 5, Touch IPOD icon to the **IPOD** mode.
- 6, Touch TV icon to the **TV** mode. (Optional)

- 7, Touch AUX IN icon to the **AUX IN** mode.
- 8, Touch AV IN icon to the **AV IN** mode.
- 9, Touch BLUETOOTH icon to the **Bluetooth** mode. (Optional)
- 10, Touch DIGITAL TV icon to the **Digital TV** mode. (Optional)
- 11, Touch SETUP icon to access the **SETUP** mode.
- 12, Touch NAVI icon to the **NAVI** mode. (Optional)

AUDIO



1, PREVIOUS

2, NEXT

3, PLAY / PAUSE

1, PREVIOUS

Touch the icon to select the previous track.

To press the [PREVIOUS] button of remote control performs same operation.

2, NEXT

Touch the icon to select the next track.

To press the [NEXT] button of remote control performs same operation.

3, PLAY / PAUSE

Touch the icon to pause playback when playing; touch it again to continue playing.

To press the [PLAY / PAUSE] button of remote control performs same operation.

2, SIM PHONEBOOK

The phone numbers are stored in SIM card.

3, DIALED CALL

The phone numbers are dialed in phone.

4, RECEIVED CALL

The phone numbers are received in phone.

5, MISSED CALL

The phone numbers are missed in phone.

6, TRANSFER

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

To press the [TRANSFER] button of remote control performs same operation.

7, CALL

To touch the icon to call a number or to receive a cell phone call.

To press the [CALL] button of remote control performs same operation.

8, END CALL

To touch the icon to reject or hang up a call.

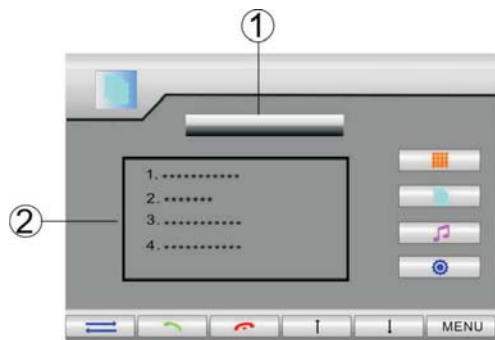
To press the [END CALL] button of remote control performs same operation.

9~10, PREVIOUS PAGE / NEXT PAGE

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

To press the [PBN] / [PBP] buttons of remote control performs same operation.

Touch the icon to enter the phonebook, you will see the below image:



1, INFORMATION DISPLAY

2, CURRENT PHONE NUMBER

1, INFORMATION DISPLAY

You will see the phone number selected currently.

2, CURRENT PHONE NUMBER

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

FM/AM OPERATIONS

Touch the [FM/AM] icon to access to FM/AM Mode:



1. Current Tune Frequency Indicator

Displays the tune frequency currently playing.

2. Preset Stations

Touch to select a preset station, hold on touching to store current radio frequency to the preset station.

3. AST (Auto Station Tune)

Touch to automatically program the 6 strongest stations available into the presets in the each wave band; touch any icon to stop the tuning. After tune, the unit will scan through all tunable presets stations and play them for 5 seconds each; touch any icon to stop the playing.

4. / 5. Tune Frequency / Seek Next Station - Down / Up

Touch to tune the radio to a lower / higher frequency by one frequency step. Hold on touching to tune to the next strong station at a lower / higher frequency. Touch any icon to stop seeking.

6. Local

Touch to set the local on / off. When you are using the local searching function, you can only receive the radio station with strong enough signals and fine state.

7. Band

Touch the icon to switch the FM/AM wave band as following:

FM1 - FM2 - FM3 - AM1- AM2 - FM1

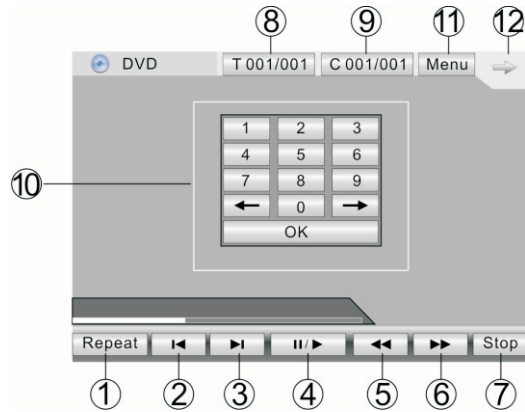
8. Menu

Touch the icon to return the main menu.

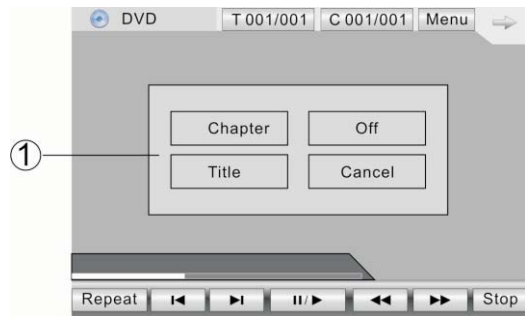
DISC OPERATIONS

1. Touch the [DISC] icon to access to DISC Mode if disc inside.
2. The unit will be switched to DVD Mode automatically when inserting the disc.
3. The unit will switch to RADIO Mode automatically if disc ejected.

DVD DISC PLAYING



1. Repeat
Touch the icon to enter the Repeat mode



Touch the icons to select repeat chapter/ title / cancel / off.

2. Previous / 3. Next
Touch to go to the previous /next chapter.

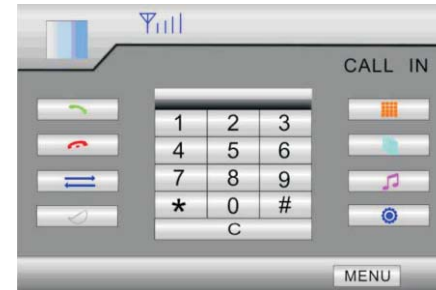
4. Play/Pause
Touch to pause or resume the playback.

5. Fast Reverse/ 6. Fast Forward
Play the song fast reverse/ forward (the speed is 2x/4x/8x/20x)

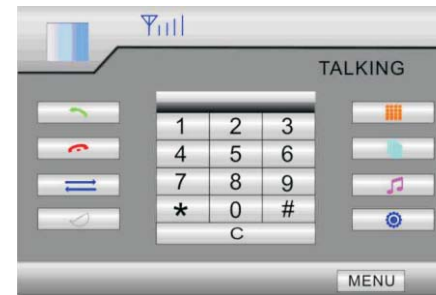
7. Stop
Touch the icon to return the main menu.

CALLING IN

When call in, you will see the below image:



Then when talking, you will see the below image:



PHONEBOOK



- | | | |
|------------------|------------------|------------------|
| 1, MY PHONEBOOK | 2, SIM PHONEBOOK | 3, DIALED CALL |
| 4, RECEIVED CALL | 5, MISSED CALL | 6, TRANSFER |
| 7, CALL | 8, END CALL | 9, PREVIOUS PAGE |
| 10, NEXT PAGE | | |

- 1, MY PHONEBOOK
The phone numbers are stored in phone.

3. TRANSFER

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

To press the [TRANSFER] button of remote control performs same operation.

4. CONNECT

To touch the icon to disconnect the phone and head unit, touch the icon again to connect phone and head unit.

5. NUMBER KEYS

To touch the icon to enter a phone number.

To press the number buttons of remote control performs same operation.

6. CLEAR

To touch the icon to cancel or clear the numbers you have input.

To press the [CLEAR] button of remote control performs same operation.

CALLING OUT

When call out, you will see the below information:



Then when talking, you will see the below information:



8. Title List

Display the title information.

9. Chapter List

Display the chapter information

10. Number Key

Touch the number button to select the title or chapter.

11. Menu

Display the root menu of the disc.

12. Next Page

Touch this icon to enter the next page.



1. Subtitle Language

Turn on/off or switch the subtitle language

2. Audio Language

Touch to select the audio language

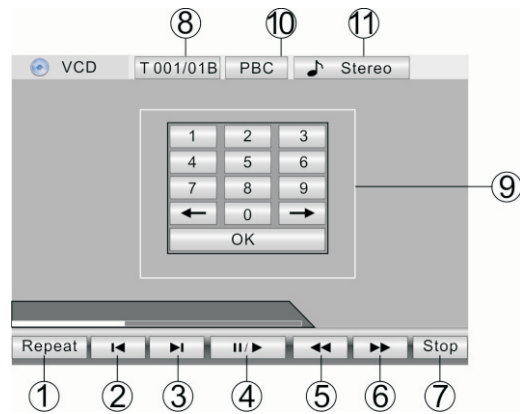
3. Angle of Viewing

Touch to change the angle of viewing.

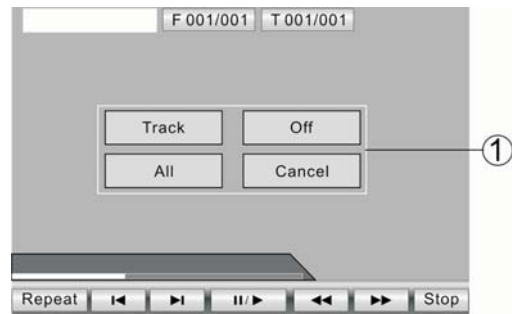
4. Previous Page

Turn this icon return to the previous page.

VCD DISC PLAYING



1. Repeat
Touch to enter the Repeat mode



Touch the icons to select repeat track / all /cancel / off.

2. PREV/ 3. Next
Touch to go to the next / pervious video.

4. Play/Pause
Touch to pause or resume the playback.

5. Fast Reverse/ 6.Fast forward
Play the song fast reverse/forward (the speed is 2x/4x/8x/20x)

7. Stop
Touch the icon to return the main menu.

8. Track List
Display the track information.

9. Number Key
Touch the number button to select track.

When paring finished, set the audio device connect with unit, then you can see the audio device name on information display.

To press the [MUSIC PAIR] button of remote control under SETTINGS page performs same operation.

5, PIN CODE

You can change the PIN code by remote control after touching the PIN Code on the screen. Press the [CLR] key of remote control to clear the PIN code, and input the new 4 digitals number, press the [BAND] of remote control to save the new code.

NOTE:

The unit can pair with totally 5 different devices including cell phones and audio players.

1. When you want to connect another paired cell phone with unit, to press the [PHONE] button of remote control to disconnect the current connecting cell phone; use the another cell phone to connect with the unit without paring operations.
2. When you disconnected the current connecting cell phone, also you can press the [PHONE] button of remote control to connect the cell phone with the unit again.
3. When you want to connect another paired audio player with unit, to press the [AUDIO PLAYER] button of remote control to disconnect the current connecting audio player; use the another audio player to connect with the unit without paring operations.
4. When you disconnected the current connecting audio player, also you can press the [AUDIO PLAYER] button of remote control to connect the audio player with the unit again.

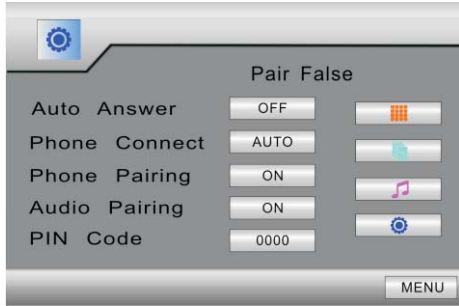
PHONE CALL



- 1, CALL
- 2, END CALL
- 3, TRANSFER
- 4, CONNECT
- 5, NUMBER KEYS
- 6, CLEAR

1. CALL
To touch the icon to call a number or to receive a cell phone call.
To press the [CALL] button of remote control performs same operation.

2. END CALL
To touch the icon to reject or hang up a call.
To press the [END CALL] button of remote control performs same operation.



When pairing finished, set the phone connect with unit, then you can see the phone name on information display.
To press the [PHONE PAIR] button of remote control under SETTINGS page performs same operation.

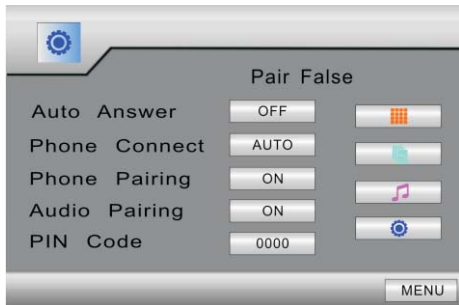
4. AUDIO PAIRING

Touch the icon, then see the below words on information display:



Then set the audio device to pair with unit.

Touch the icon again to cancel the pairing, and see the below words on information display:



10. PBC



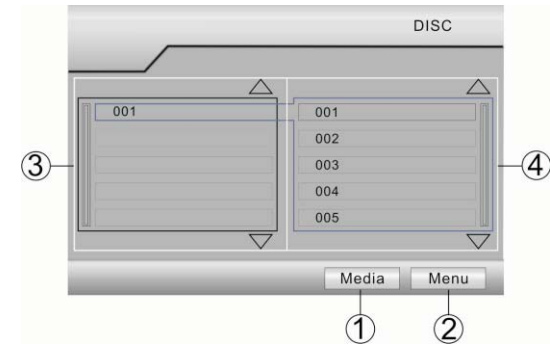
Following options are available for the PBC
ON OFF CANCEL

11. Stereo

Touch to select the channel Stereo/MONO L/MONO R.

CD/MP3/MP4/PHOTO DISC PLAYING

Following page is universal when playing CD/MP3/MP4/PHOTO DISC



1. Media

Touch this icon to switch mode: music/video/photo.

2. Menu

Touch the icon to return the main menu

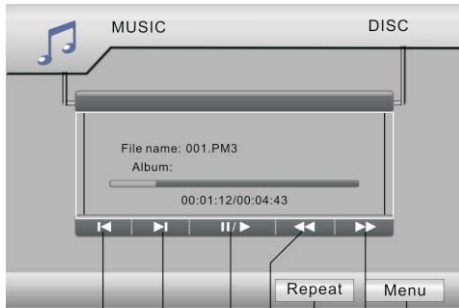
3. Folder List

Touch [UP] / [DOWN] icons to select the folder,
Touch the folder you have chosen to display the track list.

4. Track List

Touch [UP] / [DOWN] icons to select the track. Touch the icon to play music/video/photo.

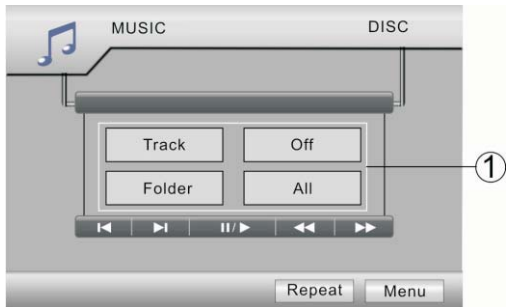
MUSIC - CD/MP3 DISC Playing



③ ④ ⑤ ⑥ ② ⑦ ①

1. Menu
Touch the icon to return the root of main menu.

2. Repeat
Touch the icon to enter the Repeat mode.



Touch the icons to select repeat track / folder / all / off.

3. PREV/4. NEXT
Touch to go to the previous / next song.

5. Play/Pause
Touch to pause or resume the playback.

6. Fast Reverse/ 7. Fast Forward
Play the song fast reverse/forward (the speed is 2x/4x/8x/20x)

SETTINGS



1, AUTO ANSWER
4, AUDIO PARING

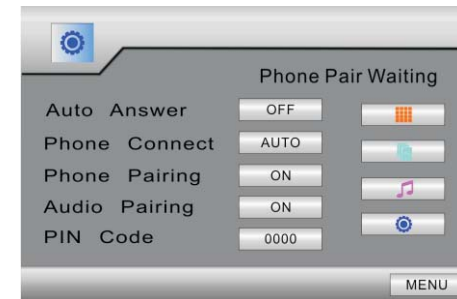
2, PHONEC CONNECT
5, PIN CODE

3, PHONE PAIRING

1, AUTO ANSWER
Touch the icon to select auto / manual answer when call is coming.

2, PHONE CONNECT
Touch the icon to select auto / manual phone connect to connect your phone by inputting PIN Code.

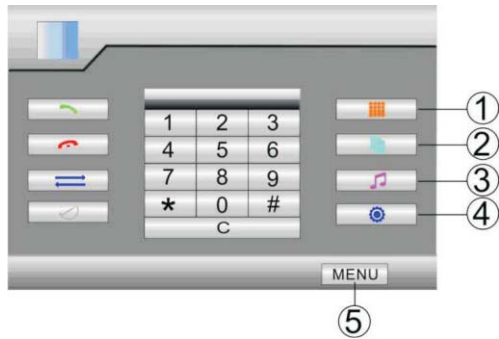
3, PHONE PAIRING
Touch the icon, then see the below words on information display:



Then set the phone to pair with unit.
Touch the icon again to cancel the pairing, and see the below words on information display:

BLUETOOTH OPERATIONS (Optional)

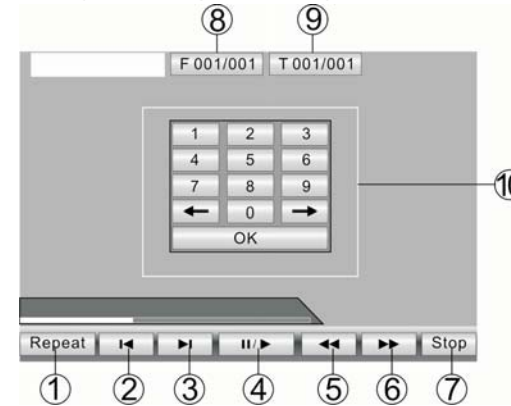
Touch the BLUETOOTH icon to enter the Bluetooth mode:



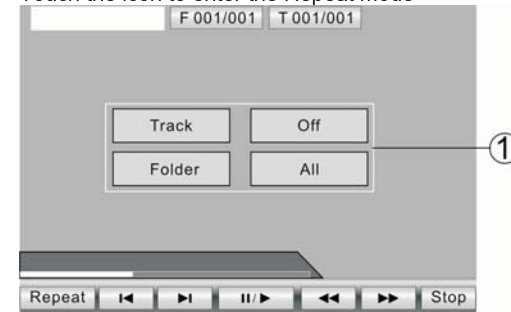
- 1, PHONE CALL
- 2, PHONE BOOK
- 3, AUDIO
- 4, SETTINGS
- 5, MENU

- 1, PHONE CALL
Touch the icon to enter the phone calling.
- 2, PHONE BOOK
Touch the icon to enter the phone book lookup.
- 3, AUDIO
Touch the icon to enter the audio device operation.
- 4, SETTINGS
Touch the icon to enter the Bluetooth settings.
- 5, MENU
Touch the icon to return the MAIN MENU.

VIDEO - MP4 DISC PLAYING



- 1. Repeat
Touch the icon to enter the Repeat mode

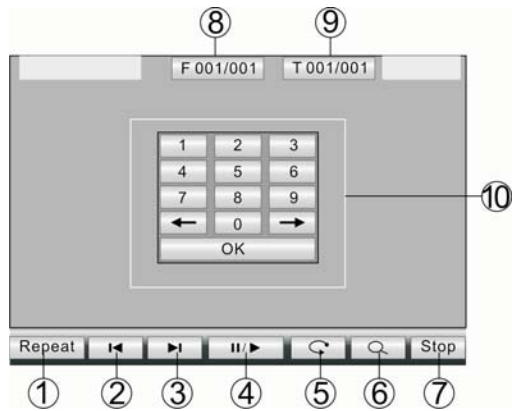


Touch the icons to select repeat track / folder / all / off.

- 2. Previous / 3. Next
Touch to go to the next / pervious video.
- 4. Play/Pause
Touch to pause or resume the playback.
- 5. Fast Reverse/ 6.Fast Forward
Play the song fast reverse/forward (the speed is 2x/4x/8x/20x)
- 7. Stop
Touch the icon to return the root of main menu.
- 8. Folder List
Display the title information.
- 9. Track List
Display the track information
- 10. Number Key
Touch the number button to select the folder or track.

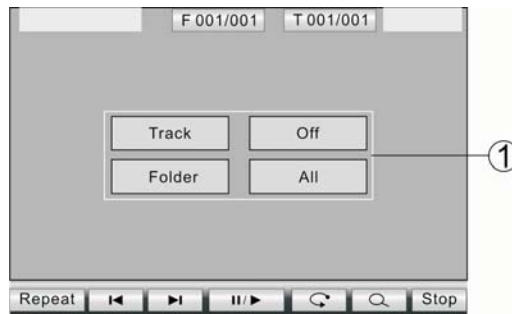
PHOTO – PHOTO DISC PLAYING

Touch the picture you have chosen to enter the operational menu.



1. Repeat

Touch to enter the Repeat mode.



Touch the icons to select repeat track / folder / all / off.

2. Previous / 3. Next

Touch to go to the next / pervious picture.

4. Play/Pause

Touch to pause or resume the playback.

5. Rotate

Rotate the picture from 90° to 360°

6. Zoom

Zoom the picture pro rate 2x/3x/4x/1/2x/1/3x/1/4x.

7. Stop

Touch the icon to return the previous page.

7. Stop

Touch the icon to return the home page.

8. Folder List

Display the folder information

9. Track List

Display the track information.

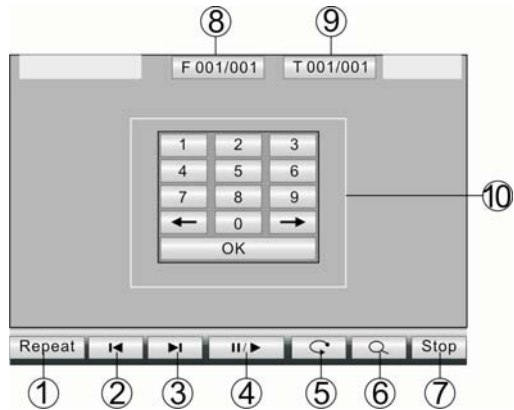
10. Number Key

Touch the number button to select the folder or track.

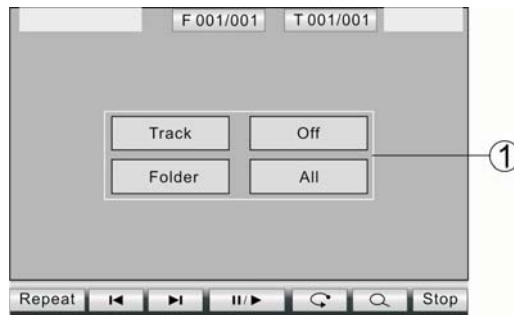
10. Number Key
Touch the number button to select track.

PHOTO

Touch the picture you have chosen to enter the operational menu.



1. Repeat
Touch to enter the Repeat mode.



Touch the icons to select repeat track / folder / all / off.

2. Previous / 3. Next
Touch to go to the next / pervious picture.

4. Play/Pause
Touch to pause or resume the playback.

5. Rotate
Rotate the picture from 90° to 360°

6. Zoom
Zoom the picture pro rate 2x/3x/4x or 1/2x/1/3x/1/4x.

8. Folder List
Display the folder information

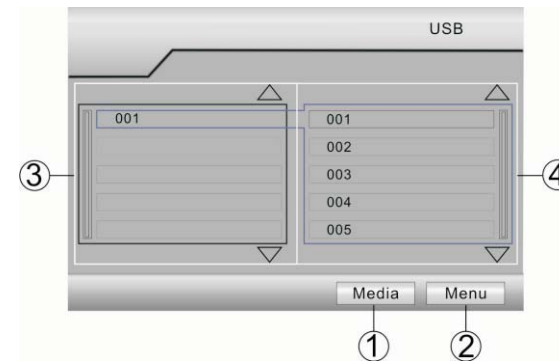
9. Track List
Display the track information.

10. Number Key
Touch the number button to select the folder or track.

USB OPERATIONS

1. Touch the icon [USB] to access the USB Mode if USB connected.
2. The unit will switch to USB Mode automatically when USB connected.
3. When USB disconnected, the unit will switch to RADIO Mode automatically if there is no disc in the unit; the unit will switch to DVD Mode automatically if there is a disc in the unit.

Following page is universal when playing music/video/photo.



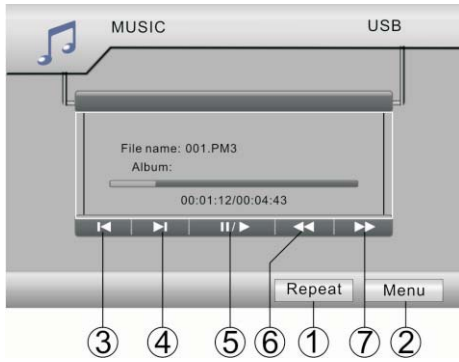
1. Media
Touch the icon to switch mode: music/video/photo

2. Menu
Touch the icon to return the main menu

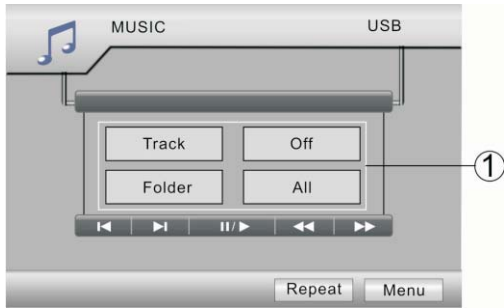
3. Folder List
Touch [UP] / [DOWN] icons to select the folder,
Touch the folder you have chosen to display the track list.

4. Track List
Touch [UP] / [DOWN] icons to select the track. Touch the icon to play music/vide/photo.

MUSIC



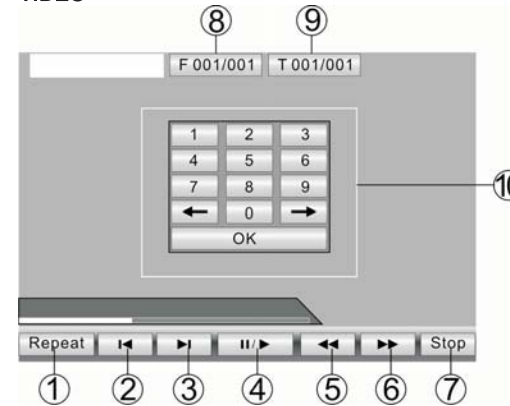
1. Repeat
Touch to enter the Repeat mode.



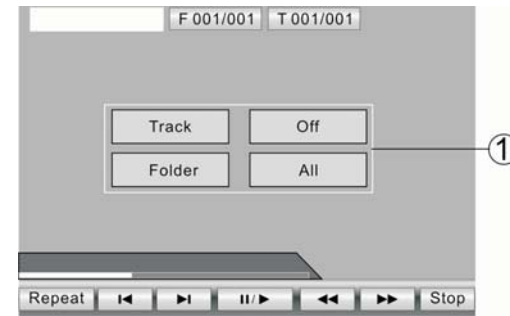
Touch the icons to select repeat track / folder / all / off.

2. Menu
Touch the icon to return the previous page
3. PREV/4. NEXT
Touch to go to the previous / next song.
5. Play/Pause
Touch to pause or resume the playback.
6. Fast Reverse/ 7. Fast forward
Play the song fast reverse/forward (the speed is 2x/4x/8x/20x)

VIDEO



1. Repeat
Touch to enter the Repeat mode



Touch the icons to select repeat track / folder / all / off.

2. PREV/ 3. Next
Touch to go to the next / pervious video.
4. Play/Pause
Touch to pause or resume the playback.
5. Fast Reverse/ 6. Fast Forward
Play the song fast reverse/forward (the speed is 2x/4x/8x/20x)
7. Stop
Touch the icon to return the main menu.
8. Folder List
Display the folder information.
9. Track List
Display the track information.