

DOUBLE DIN DVD PLAYER WITH USB

BEFORE OPERATING THE UNIT, PLEASE READ THIS MANUAL
THOROUGHLY AND RETAIN IT FOR FUTURE REFERENCE

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BASIC FUNCIONS

This product uses high-definition digital touch screen, fine bright image, coupled with high-quality audio processing chip, has reached the perfect sensual touching visual effects. Efficient platform multimedia system. Support Bluetooth, music player and plug-in USB / SD player functions. Intelligent steering wheel control function, the product and the perfect combination of the original car, the operation step, is your ideal choice!

PRECAUTIONS

To avoid accidents, please read the following precautions before the installation and operation of the head unit.

About Security

1. Please observe local traffic rules and regulations.
2. Do not watch or operate the head unit while driving.
3. Make sure to stop your car before you watch or operate the head unit.

About Installation

1. This machine should be installed by the qualified technician or service personnel.
2. If you install the head unit by yourself, you should follow the user manual.

If the car is parked under sunlight, do not turn on the head unit until it is cool. Before turning on the machine, make sure the interior temperature is within (+60°C) to (-10°C).

Avoid using this machine in a magnetic environment (GPS, Bluetooth will be affected).

In the rainy or very humid areas, there might be moisture condensation inside the head unit. Under this condition, the head unit will not work properly. You should wait until the moisture has evaporated dehumidifier or before using.

In order to maintain the high quality audio and video, do not splash water or other liquids on the head unit or CD-ROM.

Before switching off the ignition, turn off the head unit, otherwise it will cause consumption to car's battery.

Make sure the disc entrance is cleaned. If the disc and then disc entrance are dusted, please clean it with soft towel. Otherwise it will bring the dust into the unit and cause unusual of the head unit. If happened, please call for professional person to clean the unit.

Use the product for a long time will affect its service life. In order to extend the product service life, please choose the moderate volume.

Please don't rebuild the model privately. If rebuilding, it is likely to cause an accident.

The lense might be damaged if drive on the bump road or play the non- standard or hardly damaged disc.

This unit can play the following disc

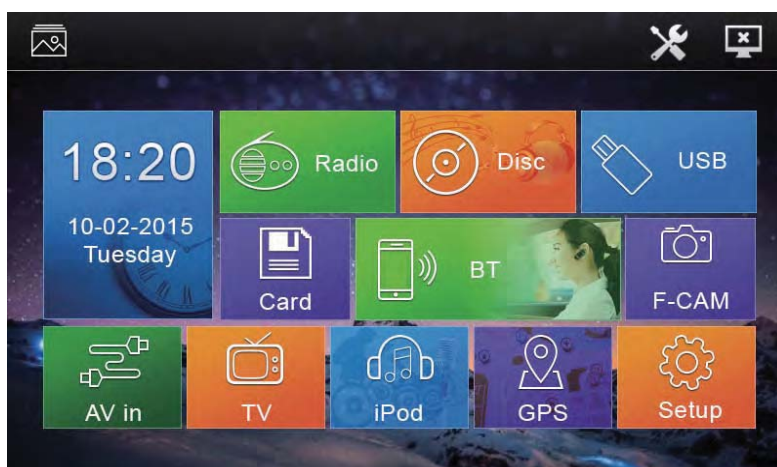
DISC	Content	SIZE
DVD	Sound and video	12 cm
VCD	Sound and video	12 cm
Mp4	Sound and video	12 cm
CD	Sound only	12 cm
1. This unit is compatible with DVD、VCD.0/1,1/2,0/3 editions、DVCD、CD-R、CD-RW、MPEG3 Disc. 2. The head unit will automatically identify DVD、VCD、CD or MP4. When display <No equipment>, it means the disc is not compatible with the head unit. Please select other functions. About specific operation please find other connected instruction.		

COMMON ICON FUNCTION INSTRUCTIONS

	Play/Pause		Stop
	Previous track		Fast backward function
	Next track		Fast forward function
	Click into Blank screen		Disc eject
	Return to previous menu		Return to main menu

MAIN MENU

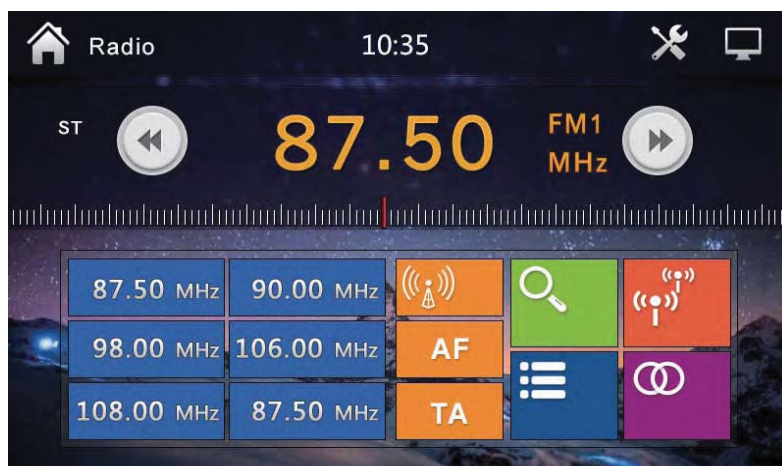
Click  change into different wallpaper



Press power button on the panel to turn on the device, then enter into the main menu.

RADIO

Click  on the menu to enter radio mode



BAND SELECTION

Press  turn to radio mode, then press  to select different band of programs (FM1/2/3, AM1 / 2)

Browse / Auto Memory stations

Press , it will browse the saved stations on the band (each last for 10 seconds), press **98.00** when you browse the station you want, then it will start to play the selected station. Hold  last 3 seconds for storage the stations automatically.

Radio will start to search and storage the stations automatically from the present band. Memorize the strong signal firstly, then the weak signal.

1. Manual search: Press  or , can be manually up or down to convert different radio frequency

2. Auto search: Hold  or  .can be automatically up or down to search different radio frequency .

VIDEO PLAY INTRODUCTION

PLAY

1. Enjoy the disc: Insert the disc into head unit (with logo upside), it will play automatically.

2. Other mode: When there is a disc inside the head unit(Warning: never insert the second disc), it will play the program of disc automatically.

EJECT

Press  to eject the disc and take away the disc within 10 seconds. If you do not take the disc in time, the head unit will intake the disc.

SECTION SWITCH / FAST FORWARD / FAST BACKWARD

Press  to play last or next section.

MP3 SELECT TRACKS PLAYER

1. Select tracks method 1:

In selecting tracks from the list in MP3 mode, Press  for next song, Turn  for last song.

2. Select tracks method 2:

In MP3 mode directly touch the song of the list you choose on the screen is ok when it is playing, also you can use the Remote Control with (0-9) button or 10+ button to select the track.

USB/CARD

When you connect the USB/SD to the head unit, the system will search all the content of the USB/SD and start to play automatically.



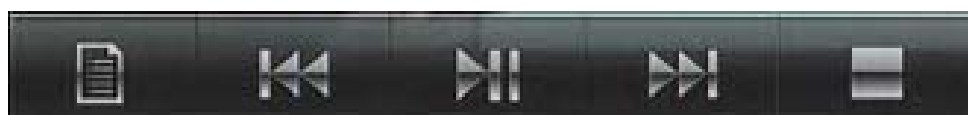
DISC

Click  on the main menu into DVD Mode, Click the middle position of the screen to display the operation column, as shown,



-  Menu
-  Last track
-  Pause
-  Next
-  Stop
-  Repeat
-  Random
-  Angle
-  Amplify
-  Channel
-  Subtitle
-  Slow
-  Menu
-  Extract

Move the bar from right to left for options.

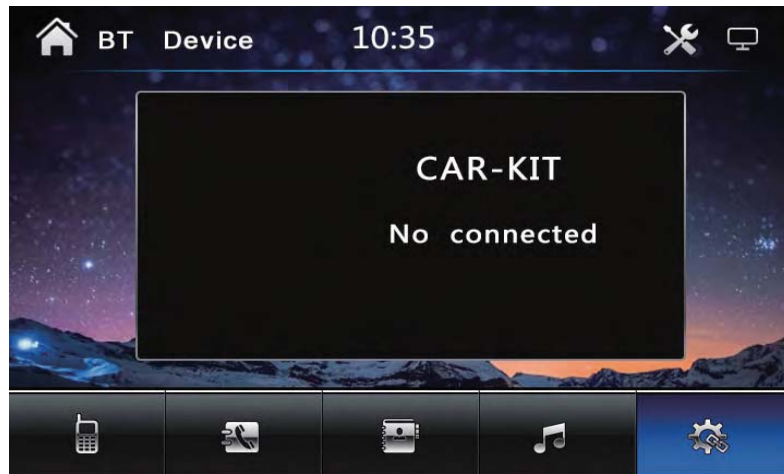


BLUETOOTH

Click  to the Bluetooth phone mode, as shown:

Bluetooth name: CAR-KIT

Password:0000





Click the menu to enter the Bluetooth phone function, then using a mobile phone to search for Bluetooth device, connected with the mobile phone (can set up the password yourself, such as 0000). After connected, when there is a phone call coming, Bluetooth system would automatically convert to the Bluetooth hands-free interface, click  for start conversation. When phone call end, the unit system will automatically recover the last working status. As shown: (Note: When turn off the original Bluetooth connected, it need about 30 seconds to automatically connected. Thus in these 30 seconds, the system are still searching the last connected unit.)

Click  on the menu to enter the Bluetooth phone functions directly on the screen, enter the phone number then click  to Call

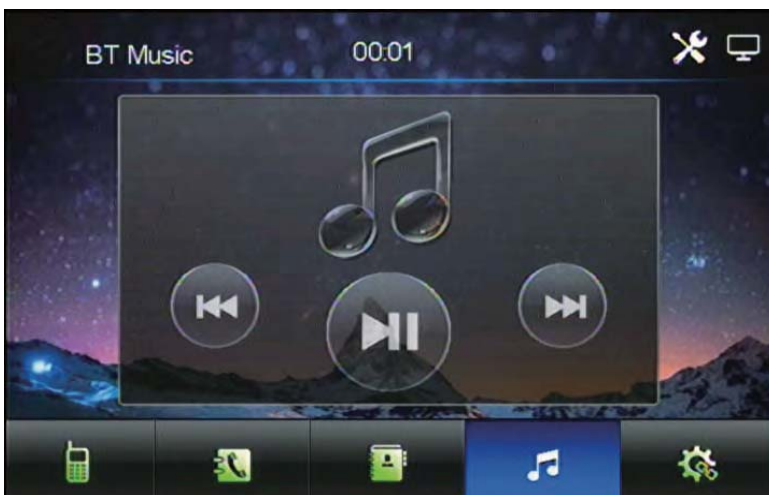
Note: This feature refers to the Bluetooth phone and Bluetooth connection status

Click  for Bluetooth phone function.

Click  for Bluetooth phone book function.

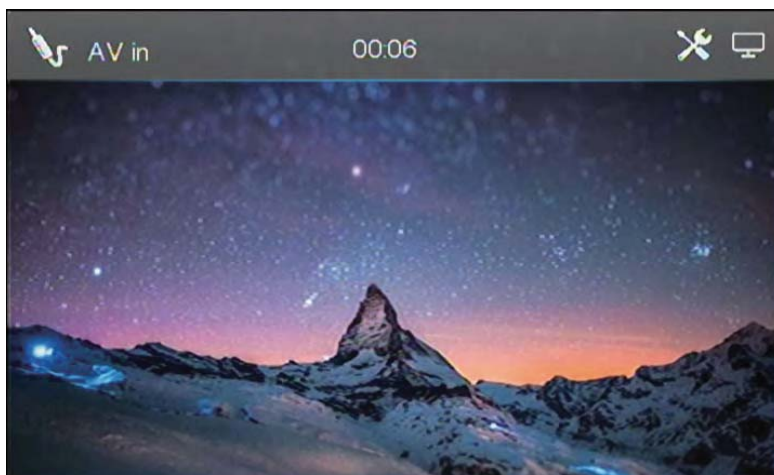
Click  for Bluetooth music.

ENTER BLUETOOTH MUSIC AS SHOWN:



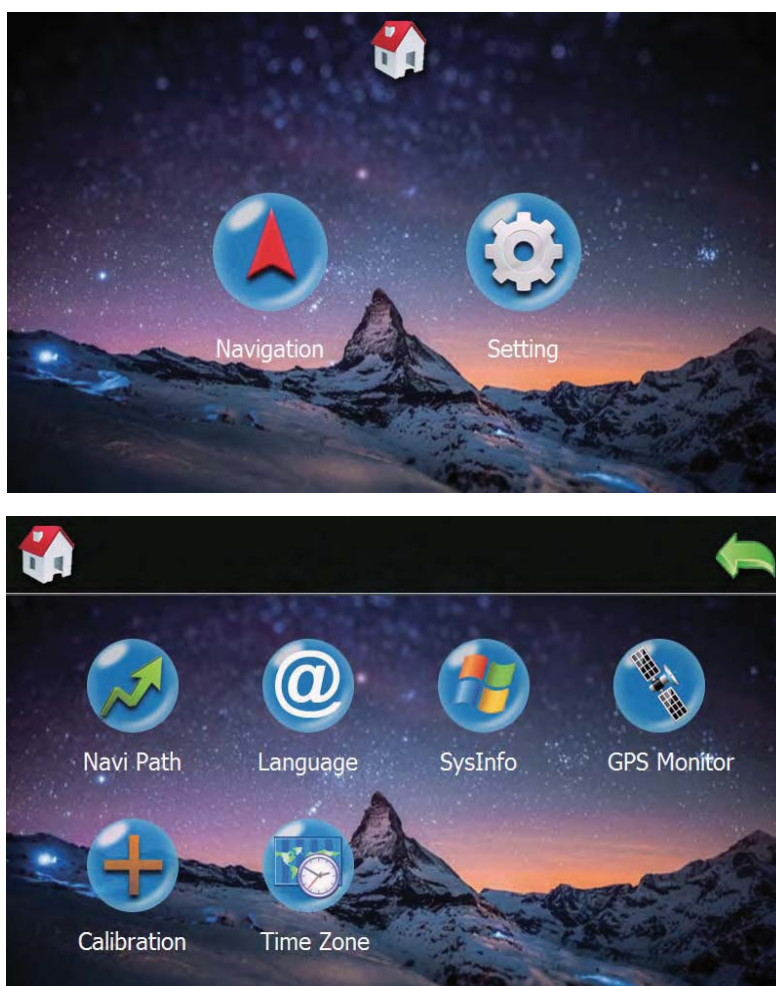
AV IN

Click the  menu enter AUX mode, as shown



GPS (OPTIONAL)

Click the  menu enter GPS mode, as shown



SETUP

Click  setting mode,  for System setting



Move this bar from right to left side for more setting options.

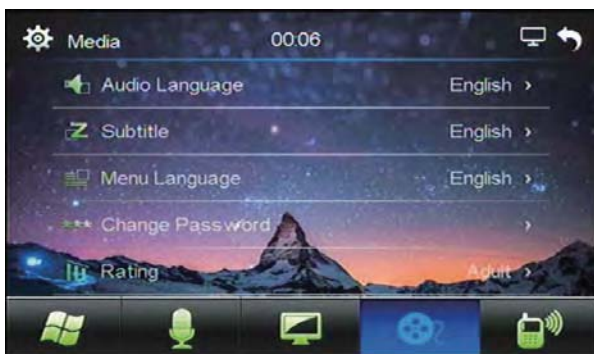
Click  for Audio setting



Click  for Display setting



Click  for Media setting



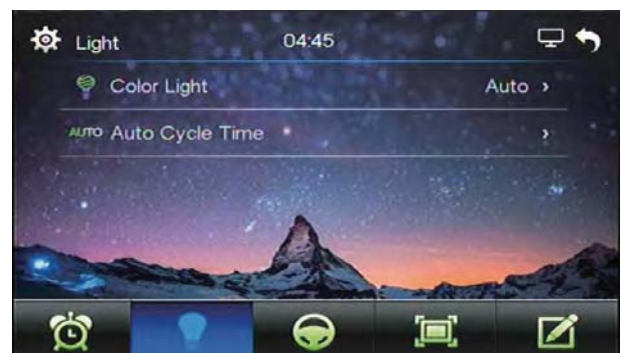
Click  for Bluetooth setting



Click  for Time setting



Click  for Light setting



Click  for Steering wheel control setting



Click  for Factory setting



Logo setting Password
(1-2-3-4-5-6)

Click  for Touch Calibration setting



CLOCK SETUP



Click Day/Month/Year/Hour/Minute,
then press  or  could up or down drag to
adjust accordingly.

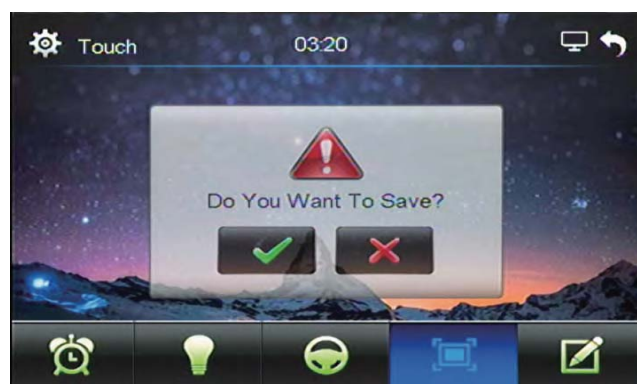
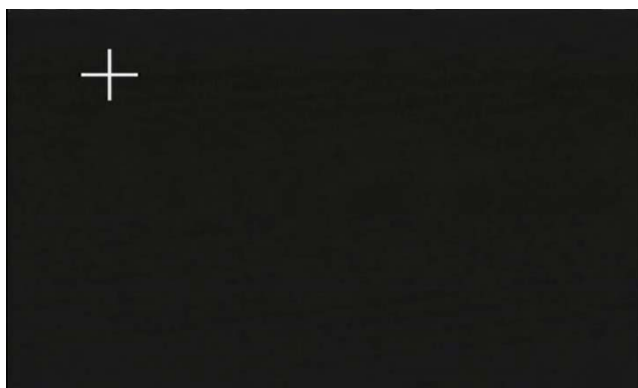
STEERING WHEEL CONTROL STUDY

Please press the key on steering wheel, then press button on the screen and hold on for copy the functions to the device.



TOUCH CALIBRATION

When the touch screen is abnormal, reset the head unit. Turn on the head unit. Hold the button **+** on the control panel for 5 seconds, it will show as follow: Click the center of "+" and hold it till it move to the 4 corners. Once it shows as follow, the calibration will be done.



REMOTE CONTROL FUNCTIONS



*** AIM AT THE REMOTE CONTROL RECEIVER "IR" WHEN YOU START TO USE THE REMOTE CONTROL**

KEY NAME	FUNCTIONS
Power	Power switch on/off key
Mode	Switch mode
Subtitle	Caption button
OPEN	Key for opening and closing screen
Title	When unit in the DVD state, press this button to get back the top menu.
◀◀/▶▶	Under disc mode, select previous/next section; under radio mode, search radio channel to high-end/low-end frequency
VOL-/VOL+	Increase/decrease volume
MENU	Enter primary interface of the system
MUTE	Mute key
■/BAND	Select AM/FM bands, stop play under other modes
▶	Play/pause

KEY NAME	FUNCTIONS
SEL	Enter EQ menu for setting
PROG	Stereo, Mono track change, Programmer player
◀▶ ▲ ▼ ENTER	Selecting key for left/right/up/down and confirming key
OSD	Enter image setting menu, select brightness, contrast ratio and color with up/down key and make increase/decrease with left/right key
ZOOM	Under bluetooth mode, key for receiving/dialing; under DVD mode, key for image zoom
MEDIA	Goto DVD function
1, 2, 3, 4, 5, 6, 7, 8, 9, 0	Select current band/section, preset radio and key in telephone number
PCB MENU	Under VCD mode, key for entering PBC menu
SETUP	Enter system menu for setting
SEARCH	Search and play
AUDIO	Under bluetooth mode, input *; under other modes, key for switching audio sound tracks
GOTO	Random
REPEAT	Repeat key
AMS TUNER	Radio

* **MODE Mode conversion**

Press **MODE** to converse the mode between TV, BT(phone call), AUX IN, Radio, DVD, Bluetooth music, GPS, disc box and mode setting.

Mark: When GPS is switch off, it will ignore GPS function

* **▶|| Pause/Playing**

When it is playing, press **▶||** to pause, press it again to recover to playing

* **✕ Mute button**

Press **✕** to shut down the speaker, then press **✕** to recover to playing

* **BND/SYS Band/System conversion**

When it is on radio, press **BND/SYS** to converse the band as order: FM1, FM2, FM3, AM1,AM2

When it is on playing, press **BND/SYS** to converse the system as order: Automatic-NTSC-PAL

* **ENTER Confirmation**

When you select the item, press **ENTER** to confirm.

* **◀▶▲▼ Menu switch selection**

Press **◀▶▲▼** to move to the menu you need.

▶ Return to previous menu **◀** go to next menu **▲** return to the up side layer of the menu **▼** go to the down side layer of the menu

When you choose the item, press **ENTER** to enter.

* **■/ Stop/Return**

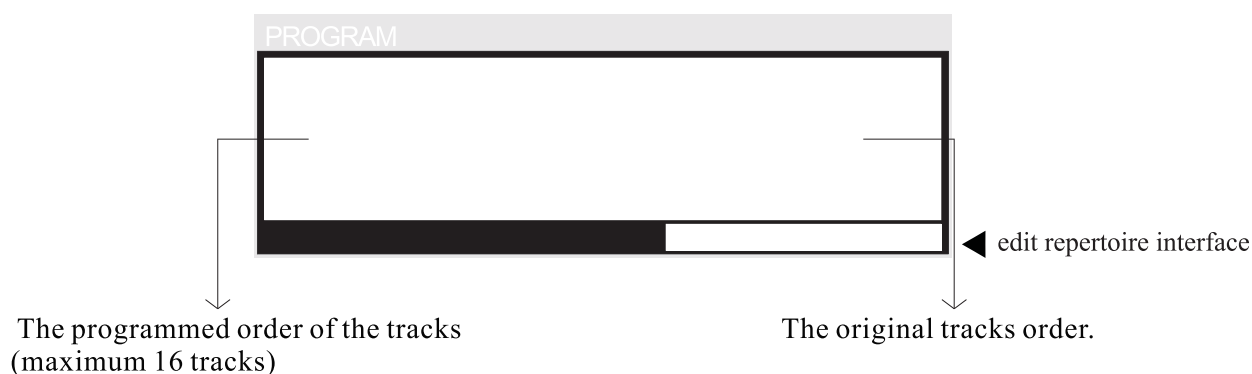
When it is on playing, press **■/** to pause, then press it again to recover to playing

* **ST/PROG Stereo/Program**

A. When it is on radio, press it to switch the stereo.

B. When it is on DVD playing, operate it to program the playing order of the tracks as shown:

When it is playing DVD/VCD/CD, press **ST/PROG**, it will display as shown:



Press **◀ ▶ ▲ ▼** to select the tracks you want to program, press **ENTER** to confirm the items. When the program is finished, confirm to play.

* **AMS/RPT Automatic scan/Repeat playing**

- A. When it is playing DVD, repeat to press **AMS/RPT** to switch between “chapter repeat”, “title repeat”, “disc repeat (on)” “disc repeat (off)”.
- B. When it is playing VCD/CD, repeat to press **AMS/RPT** to switch between “track repeat”, “disc repeat (on)” “disc repeat (off)”.
- C. When it is playing MP3, repeat to press **AMS/RPT** to switch between “track repeat”, “list repeat” “disc repeat (on)” “disc repeat (off)”
- D. When it is on radio, it is for stations search and memorize.
Press **AMS/RPT** to browse the stations.
Hold **AMS/RPT** to start automatically memorize station function.
The radio will search and storage the stations automatically.
Memorize the strong signal firstly, then the weak signal.

* **SEEK Station selection/track selection/fast backward**

When it is on radio, press it to select the 6 FM stations storaged.
Hold it to search the stations manually.
When it is on playing, press it for previous track, hold it for fast backward:
Backward X2---backward X 4—backward X 20-play

* **LOC/RDM LOC control/Random playing**

When it is playing DVD, press **LOC/RDM** to switch between “random playing on” “random playing off”.

* **OSD Playing time display on/off**

When it is on playing, press **OSD** to show the information of the playing program (track quantity, playing time).

*** PBC playing PBC**

When there is CD in the machine or the first time put the CD into the machine, the machine will automatically sequence.

The CDs must support this function

When playing DVD songs discs, press **PBC**, the top-right corner of the screen will display the DVD menu, it can cooperate with the **◀▶▲▼** to select the track you need or up (down) the page, then press **ENTER** to confirm selection.

When playing DVD discs, press **PBC**, the top-right corner of the screen will display PCB On, press number keys directly to select the songs you want.

When pressing **PBC** again, the top-right corner of the screen will display PCB Off, it can press the number keys directly to select the songs at this time.

*** Number Button (0-10+)**

In the status press numbers 1 to 6 buttons, to select 6 stations of FM memory.

In the status of DVD/USB/SD, cooperate with the number button 10 **(0-10+)**, it can select any songs directly, for example: If you want to choose the 15th songs, it can press **10+** once, press **5** button again, then it plays the 15th song.

Noted: Press **10+** is 10+, twice for 20+, the third time for 30+.....

Number button has no effect in the status of playing PCB、ON.

*** Title selection TITLE**

On the DVD mode, press **TITLE** can return to the title menu, it will display the title menu on the screen.

*** Subtitle Conversion SUB-T**

As for the recorded multi-subtitle DVD discs, you can switch the subtitle and language when playing.

Noted : Only recording multi-subtitle DVD discs can realize this function.

*** Setup Menu SETUP**

On the status of playing the discs, press the **SETUP** button, it will display the system settings menu on the screen.

*** Perspective Conversion ANGLE**

Some DVD discs may have scenes with different perspective at the same time, as for DVD discs of recorded multi- perspective, you can use **ANGLE** to circularly switch different perspective to enjoy the same scene.

Noted: Only recording multi-subtitle DVD discs can realize this function, when play in slow motion, you can't switch the perspective.

*** Slow playing Slow**

Press **Slow** continuously to play slowy. This function has seven levels of slow play. The order is as follows: Slow ahead 1/2 1/3 1/5 1/6 1/7

*** Volume VOL+**

Press **VOL+** increase the volume.

*** Zoom ZOOM**

When playing DVD/VCD, press **ZOOM** can enlarge the image. Press **ZOOM** continuously to switch between “2 x” “3 x”, “4 x”, “1/2 x”, “1/3 x”, “1/4 x” “off”. Press **◀ ▶ ▲ ▼** to move the image.

*** SEL mode SEL**

Press **SEL** could select standard (ordinary style), CLASS (classical style), POPS (pop music), ROCK (ROCK music), the hall and movie six different listening acoustics.

*** Channel/Musical Selection/FF SEEK+**

Radio mode: press it selects the current six stations FM automatically, hold it is for manually up search the stations. Playing mode: press it is for the next track function

*** The volume reduction VOL-**

Press **VOL-** reduce the volume.

*** Audio AUDIO**

On the statue of VCD/CD playing, repeatedly press **AUDIO** can change the track and circulate display in the top-left corner of the screen: right channel- left channel – stereo.

*** Time Playing Setting GOTO**

- (1) When playing VCD/CD, press **GOTO** , it will be displayed the current statue on the screen and could press the number button (0-9) directly, for example, input VCD, track 08/18 **PBC** 00:25:27, then press **▶||** , the machine will automatically play the 8th track content, also it can press **▶||** select the playing time, directly press number to select the playing time.
- (2) When playing DVDS, press **GOTO** , the disc will be displayed the current statue on the screen and can be directly inputted the number (0-9) button, for example input DVD, tracks 015/ chapters 18 00:25:27 **▶||** , then press the **▶||** , the machine will automatically play the 15th contents from the disc.
- (3) When playing MP3, press **GOTO** has no effect.

SIMPLE TROUBLESHOOTING GUIDE

PROBLEM	CAUSE AND RESOLVE
Power off	1.Check the power fuse is burn out or not, change it. 2.Fail in connection of DC wires, connect them again.
Fail in keying	Program disorder, press reset button or turn off the power to restart.
Fail in getting stations	Check if the antenna has been inputed, or it is not connected correctly, if it is, please input the antenna or connect it correctly.
Bad station receiving effect	1.Antenna length may not be set up right, check if it reach out completely or is broken down, if it broke down, please change it for new one. 2.Or the radio signal is too week. 3.Antenna is not grounding rightly, please confirm if it connects the ground wire rightly.
Bad ESP effect	1.There is dust on lens, please find professionals to clean the lens. 2.Lens is aged, please change it.
Fail to input disc	Loader is with disc
“STEREO” flashing	1.tuning the radio frequency accurately. 2.Radio signal is too week.(please press ST button to turn off stereo.
Noise, image jumping,no color	1.disc is damaged or blurry. 2.Color system setup is not correct, set the color system for “PAL” or “NTSC” according to the connected TV condition
Remote unvailable	1.The battery of remote control has no power, change the battery. 2.The remote control window can’t receive signal, made the remote control aim at model’s remote receiver window.
SD/USB no reading	1.not connected correctly. 2.belongs to unsupported card, only supports 2G card at present.

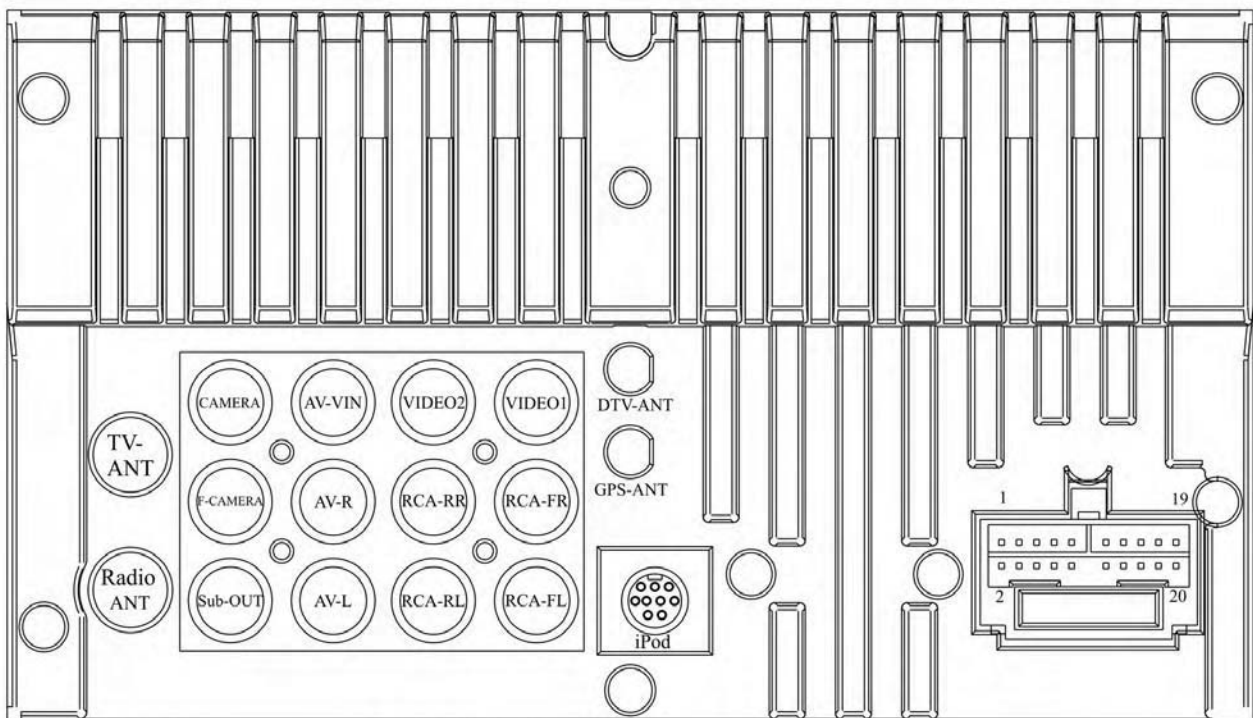
ACCESSORIES

The machines provide the following accessories:

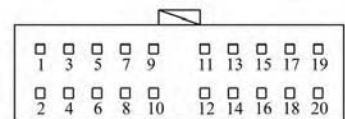
	NO	Details
●	1	Instructions
●	2	Remote
●	3	Power tails

WIRING DIAGRAM

+13.8V DC VOLTAGE



- | | |
|---------------------------------------|--|
| 1: PARKING (pink) | 2: Reverse-Car (orange/black) |
| 3: Steering1 (brown) | 4: Steering2 (brown/black) |
| 5: CAN_TXD (NC) | 6: CAN_RXD (White) |
| 7: ILLUMINATION (orange) | 8: AMP+B (blue/white) |
| 9: Auto Antenna output (blue) | 10: Battery (yellow) |
| 11: Ignition Key ACC (red) | 12: Ground (black) |
| 13: Front Left Speaker- (White/black) | 14: Rear Right Speaker- (violet/black) |
| 15: Front Left Speaker+ (White) | 16: Rear Right Speaker+ (violet) |
| 17: Front Right Speaker- (Grey/black) | 18: Rear Left Speaker- (Green/black) |
| 19: Front Right Speaker+ (Grey) | 20: Rear Left Speaker+ (Green) |



FEATURES

High definition TFT digital screen display

Non-destructive installation

Digital display directly to the original car information, functional

Display directly touch the original Radio,CD

Compatible Bluetooth

To display the menu on the touch operation

Compatible MP4 (AVI /DVIX/3.X/5.X)/DVD/VCD/SVCD/WMA/MP3/
JPEG/WMV/MTV/AVI/MPG

Auto Rear view CCD camera video input

Video output

AUX video/audio input

DECLARATION

The manual would be comprehensive and accurate based on the existed information. But company reserves the right of manual modification. Which wont notify specially.

DUE TO CONTINUOUS PRODUCT IMPROVEMENT, DS18 RESERVES THE RIGHT TO MAKE
CHANGES TO PRODUCTS OR SPECIFICATIONS DESCRIBED HEREIN WITHOUT NOTICE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device must be installed and operated with a minimum distance of 20 cm between the radiator and user body.