CONTENTS

Panel Introduction 02
Remote control function 04
Turn on/off 06
Home screen 06
Radio Function 06
Disc Function 07
Play SD/external memory device 07
BT Function 08
External input operation 09
Wallpaper 09
GPS Navigation Function 10
Other Functions 10
Settings 11
SWC setting 12
Sound setting 13
Time setting 13
Wiring Diagram 14
Trouble shooting 14

Wiring Diagram

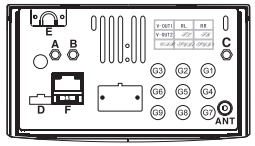
This player is equipped with ISO standard connector, Please follow below instruction:

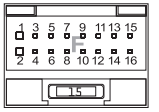
- Red - ACC switch control
- Yellow - BATT battery (+)
- Black - GND battery (-)
- Blue - ANT Radio automatic antenna (+)

Illumination Rear Camera Trigger

- Grey/Grey black - Right front speaker (+/-)
- White/White black - Left front speaker (+/-)
- Purple/Purple black - Right rear speaker (+/-)
- Green/Green black - Left rear speaker (+/-)

Light Green - Parking Brake Input





B -GPS antenna

E

E1– Black Learning SWC GND
E2– Brown Learning SWC
E3– White Learning SWC

ANT–FM/AM antenna

G1 - Red Rear Right RCA R output
G2 - White Rear Left RCA L output
G3 - Yellow VIDEO–OUT1
G4 - Red Front Right RCA R output
G5 - White Front Left RCA L output
G6 - Yellow VIDEO –OUT2
G7 - Brown Subwoofer output 2
G8 - Brown Subwoofer output 1
G9 - Yellow Rear view input

1.Black GND battery -
2.Yellow BATT battery +
3.Red ACC switch control
4.Parking Brake Input
5.Illumination
6.Rear Camera Trigger
7.Blue ANT Radio automatic antenna
8.Purple RR+ rear right speaker +
9.Purple/black RR- rear right speaker –
10.Grey FR+ front right speaker +
11. Grey/black FR- front right speaker –
12.White FL+ front left speaker +
13.White/black FL- front left speaker –
14.Green RL+ rear left speaker +
15. Green/black RL- rear left speaker –

Trouble Shooting

PROBLEM	CAUSE	SOLUTION
Cannot power on	Check whether power fuse melt or not	Change fuse same as the old one
	Some factors cause MPU wrong operation	Press [RES] button on the panel by penpoint, then, power on
After ignition switch off, setting information all lose	Change battery or fuse	Reset information and save
Poor performance of radio station	Weak signal	Move the car to another place,then research
Cannot load disc	There is a disc inside.	Eject disc,then,slot in new disc
Cannot play disc	Disc is scratched	Change new disc
	Put wrong side of disc into the unit	Slot in the disk with sign side up
	Lens has dirty	Clean lens by lens clean disc
Cannot switch language/subtitle	There is only one language/ subtitle in disc	If disc is not with multi-language/ subtitle, it cannot switch language/ subtitle
No image	Other factors cause MPU wrong operation	Press [RES] button on the panel by penpoint, then ,power on
Cannot watch image during driving	It's not allowed to watch image during driving	Park the car in a safe place, Put the car stall in “P” position, pull up the hand brake

Sound setting

Touch【 】icon can enter below menu:

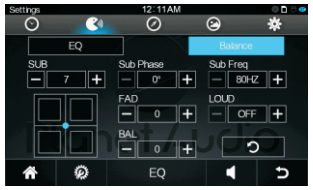
Touch【 】icon can set function's switch.

Touch【 】icon can set BT default volume/unit start default volume.

◆**EQ** Touch【 EQ 】icon can enter below menu:

Up and down Slide the【 EQ OFF 】icon to switch the EQ modes among EQ OFF—POP—ROCK—EQ OFF.

Touch sound field【 Balance 】icon can enter below menu:



Touch【 】icon can set SUB/ Sub Phase/ Sub Freq/FAD/LOUD/BAL.

Touch【 】icon can make all sound effect setting as initialization.

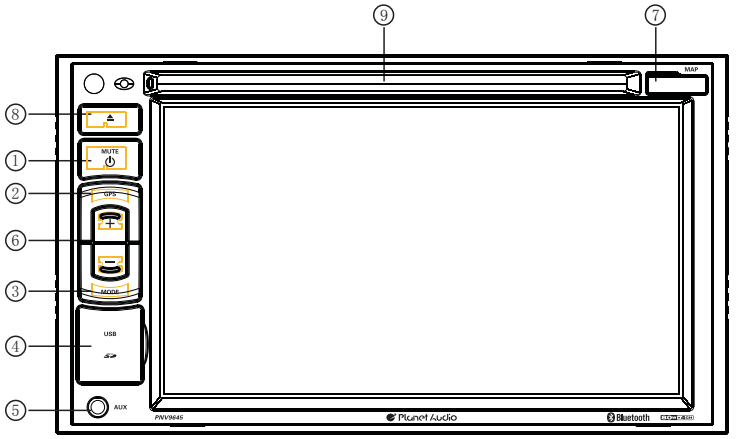
Time Setting

Touch【 】icon can enter time setting interface.

Up and down sliding Year/Month/Date/Hour/Minute standard' number can set time needed.

Touch Time zone setting icon can enter time zone setting interface.

Panel Introduction



1.PWR/MUTE button

Press this button will turn on power, during working longer press this button will turn off power.

Press MUTE button to close volume output.

2.GPS button

Insert GPS card,the unit will play the files automatically.

3.MODE button

When the unit is power on,Repeat press this button can switch to different function mode as following picture.

Note:When the device without connecting to USB\SD\DVD no disc inside,the system will automatically skip these related working mode.

4.SD/USB slot

Insert SD card,the unit will play the files automatically.

Insert USB removable device so as to read audio/video files.

⚠Warning :You can only use either front or rear USB at a time. Never connect both front and rear USB at the same time! This could cause malfunctions.

5.AUX slot

To input external audio.

⚠Warning: You can only use either front or rear AUX at a time. Never connect both front and rear AUX at the same time.

6.VOL button
Rotate this button will adjust volume level.

7.MAP slot
Map card slot, insert the map card to provide the route of auxiliary GPS navigation.

8. ⏏ (Eject disc)
When there is a disc inside the unit, press the button can eject the disc.

9.Disk load slot
Opening for disks to enter or retreat.

SWC setting

①In setting menu, touch 【 SWC 】 icon enter SWC setting interface.

②Click 【 ⏏+ 】 the function button that need to be set, as below picture:

③When function is Illuminated, Press and Hold the corresponding button on the vehicle. The "K2" icon will illuminate. as below picture

④ Touch 【 Save 】 icon can save setting.
Touch 【 Reset 】 icon can reset.

If need reset function, click 【 Reset 】 icon, then the functions set before will be deleted.Then repeat the above steps can reset corresponding functions.

Settings

In any mode, touch【 】 icon can switch Settings interface.

Touch 【 】 icon can set function's switch; up and down sliding can enter next page.

◆Brightness

Left and right sliding【 】 icon can adjust screen's brightness.

◆ Factory settings

Touch【Factory Settings】 icon can show number keyboard, input"0000" , then click【 √ 】 icon, can go to factory setting menu. Then can set radio region/ starting logo/ function icon/etc.

◆ Calibration setting

Touch【 Calibration 】 icon can show number keyboard, then click【 √ 】 icon can start correction.

◆Serial number& Version

Touch【 Serrial&Version 】 icon can enter and check Serial number& Version.

As some units' Serial number& Version is different as menu showed, pls refer this to real units

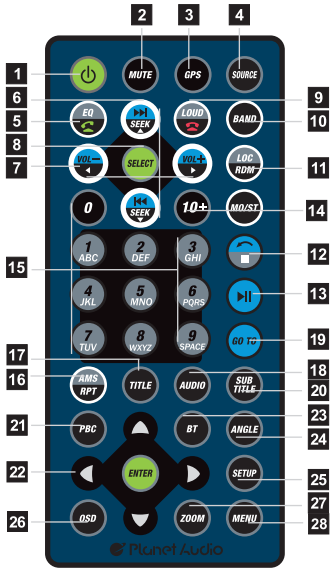
◆Language setting

Touch【 Language 】 icon can enter Language setting interface, set the language needed.

◆Restore factory settings

Touch【 Reset Factory 】 icon can show "Confirm to Reset Factory", click【√】icon can restore. After this operation, all unit's setting information will restore to the default mode.

Remote control function



1. POWER button

Press once to switch on, press again to switch off.

2. MUTE button

Press once to turn off audio output, press again to resume volume level.

3. GPS

Press it to enter to exit the navigation.

4. SOURCE button

Press this button to choose audio sources.

5. EQ/ANSWER button

Press this button at the can swich between different modes.

6. SEEK+ (⏭)/ SEEK- (⏮)button

In normal playback MP3, USB, SD songs, press this button to previous song or next song.

7. VOL+ (➡)/ VOL- (⬅)

Press this button to increase or decrease volume level.

8. SEL button

Press this button to choose sound feature.

9. LOUD/REJECT button

Press this button to startup LOUD function.

10.BAND button

In radio mode, press this button to choose band.

11. LOC/RDM button

In radio mode, press this button to switch between local and direction, In VCD, CD mode, press this key to randomly play.

12. STOP button

Press this button to stop playing.

13. PLAY/PAUSE button

Press this button to switch between play and pause, In stop mode, press this button to play.

14. 10+ button

In DVD/VCD/MP3 mode press this button can choose video or song.

15. 0-9+ button

In Audio/Radio mode, press number button + enter button to choose desired song section/ preset stations.

In Video mode, press GOTO button+number button to choose desired song section/preset stations.

16. AMS/RPT button

In radio mode, press this button to browse stored stations. In audio mode, press this button to play repeatedly.

17. TITLE button

In DVD mode, press this button to play back to the top menu of disc.

18. AUDIO button
In DVD mode, press this button to switch language of dialogue.
In VCD mode, press this button to choose left track, right track,and stereo.

19. GO TO button
In DVD mode, press this button, you can define playing time.

20. SUB-T button
In DVD mode, press this button to switch language of subtitle.

21. PBC button
In VCD mode, press this button to display all song menus, work with number button to choose songs.

22. UP, DOWN, LEFT, RIGHT, ENTER button
When playing MP3, USB, SD returns to song menu, up, down selections can be up / "▲" button or down / "▼" key to select up and down, select and press "ENTER" key to confirm. The selected tracks can be played.
Press the left or right arrow keys to "◄" or "►" key, can be on the next page function operation.

23. SLOW button
Press this button can go into the BT dial interface.

24. ANGLE button
In DVD mode, press this button to change play angle.

25. SETUP button
In audio mode, press this button to choose different set items.

26. OSD display
Press this button to display the title chapter and the left time.

27. ZOOM button
In DVD/VCD mode, press this button to ZOOM in/out.

28. MENU button
Press button to back to the main menu.

BATTERY CHANGE
When control distance of remote control becomes shorter or no function, please change battery, please confirm polarity before change.
One hand press stopper, then pull out battery.

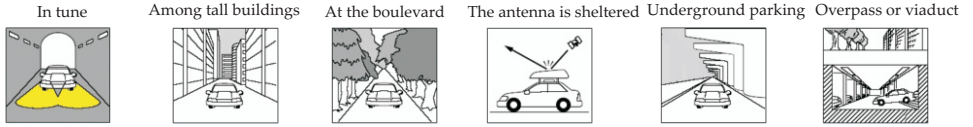
Put battery into controller.

Insert battery holder into controller.

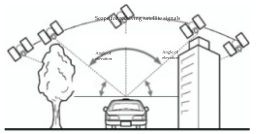
GPS Navigation Function

1. Navigation Function Operation
Touch【 】icon in main menu can enter below interface.
For detailed operation of navigation function, see "Navigation Operation Manual".

2. Receiving signal error
When the satellite signals can be normally received, the error of standard GPS shall be about 7 meters, Driving on parallel sections,there shall be error even the product has auto-correct function. The normal receiving of satellite signals shall be affected and cause error in following environment.



3. Satellite receiver
Navigation system can keep receiving eight satellite signals. As a general rule, the navigation system can figure out your accurate location after received 3-4 satellite signals. But sometimes, weather and tall buildings in the city shall affect the signal receiving effect, as is shown in following figure:

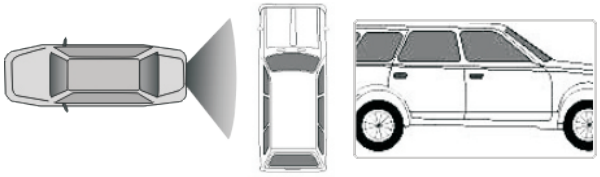


Other Functions

Rearview function

In any running state, the video signal can switch to reverse video state when reversing the car, and the system shall return to its initial running state after reversing the car.

⚠**Warning:**
Do not solely rely on the rearview camera. Always check your surroundings before proceeding.



Backup rearview

External input operation

Connect the video input plug with external video input jack, and connect the audio input plug with external audio input jack.

Touch【 】icon on main interface to access external input interface.

Wallpaper

In setting menu/main menu, touch wallpaper icon can enter wallpaper setting interface.

You can choose the wallpaper you like: up and down sliding can scan wallpapers, confirm and touch 【 】icon can finish setting.

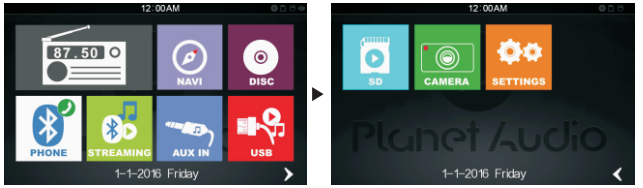
Also can insert SD card in the slot, and choose SD's picture as wallpaper)

Turn on/off

When the ignition switch is put in ACC or ON position, Press open key on the front panel to turn on the unit. After the host starts, hold open key for 3 seconds , the host will turn off.

Home screen

The first operation of the system, will default into radio state, touch the radio interface's icon【 】to enter main menu, as shown below:



Touch the 【 】icon or use the touch pen/finger gently sliding around the screen to switch to the main menu page.

Touch the function icons so as to access the corresponding function operations.

Touch 【 】icon in main menu can enter below camera;

Radio Function

1. Enter/exit

Touch【 】icon in the main interface to enter into the radio interface.

Touch【 】icon can go to main menu.

Touch the icon【 】to enter setting interface.

Touch the icon【 】to enter setting interface.

Touch the icon【 】to return to the upper interface.

2. Touch radio menu's【 】 icon, can switch between Fm1/ FM2/FM3/AM1/AM2.

3. Touch radio menu's【 】icon, short-press to browse stored stations; long-press can scanning stations automatically and store the strongest signal stations on the screen.

4. Touch【 】icon to show channel selection keyboard, and input station frequency to choose station; can also drag the table feet or directly touch the stored radio icon to choose station playing.

5. Touch【 】icon can open/close ST.

6. Touch【 】icon can open/close LOC.

7. Touch【 】icon can open/close LOUD.

8. Touch【 】icon can make audio setting.

9. Touch【 】icon to low frequency end station scanning.

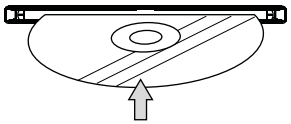
10. Touch【 】icon to high frequency end station scanning.

Disc Function

1. Play/eject disc

Play disc

Insert the disc into the disc slot with the printing surface up, system will detect the disc and automatically take it in to read and play.

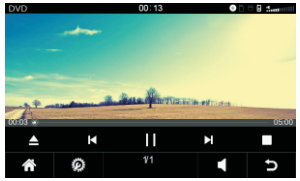


Eject disc

(1) Click [⏏]button on the panel to eject the disc.
(2) If a disc has not been took away 15 seconds after it is ejected, system will automatically take in the disc but not play.

⚠ **Do not insert two discs or more.**

Touch main menu's 【 】 icon can enter disc menu.



In disc playing menu, left or right sliding function buttons can enter next page's function buttons.

Disc's audio / video / photo function, pls refer to external memory/SD's audio function introduction.

Play SD/external memory device

When there is SD/ external memory device, unit will play audio / video / photo from SD/ external memory device. As below interface:

1 .Input song item

Touch 【 】 icon can switch input song item menu.

2. Sound effect

Touch 【 】 icon can switch sound effect menu.

3.Last song play

Touch 【 】 icon can choose last song playing.

4.Play / Pause

Touch 【 】 icon can pause playing, touch again to go on playing

5.Next song playing

Touch 【 】 icon to choose next song playing

6. All

In playing mode, touch 【 】 icon can play following content repeat function:
Repeat one—Repeat all—Repeat off

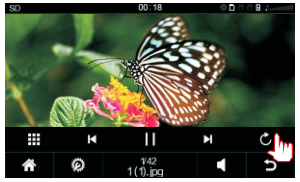
7.Play randomly

The system defaulted is playing by sequence. Touch 【 】 con can start play songs randomly.

In playing mode, touch 【 】 icon can enter SD main menu.

In SD/external memory device menu, click 【 】 icon can enter video play list, click again video option list to enter below interface:

In SD/external memory device menu, click 【 】 icon can enter picture playing interface:



Disc's audio / video / photo function, pls refer to external memory/SD's audio function introduction.

In picture scan menu, left or right sliding function buttons can enter next page's function buttons.

BT Function

1. Enter/exit

Touch [ ] icon in the main interface to enter the BT interface.

2. Pair/link

To use BT hand-free function, make connection first, i.e. match thehost with the BT mobile phone.

Operation methods:

The first to pair mobile phone and car unit, pls follow below steps:
① open phone's BT
② Scan BT and search for bluetooth pairing name " Planet Audio PNV9645 ",then connect it.
③ there will be a prompt message on the screen, then input password "0000", press OK button to confirm.
④ after pair finished, the mobile phone's name will be shown on the screen.
⑤ for wireless connection, if system restarted, car unit will automatically connect the last disconnected phone.

3.matching record

Touch 【 】 icon can search mobile BT device.
Touch 【 】 icon can disconnect current connection; after disconnection, press again to re-connect last device; choose one of matching record, press again can delete it.

4.Dial/Answer/Switch/Hang up

◆ Dial phone

In wireless connection menu, touch 【 】 icon can enter dial number interface:
When phone and car unit connected successfully, input number buttons in touch screen, and touch 【 】 icon to dial.
In dialing mode, if input wrong number, click 【 】 icon can delete number one by one.

You can dial by mobile directly as well

Call record

In wireless connection menu, touch 【 】 icon can enter call record interface.

View missed calls
View answered calls
View dialed calls
Delete one call record

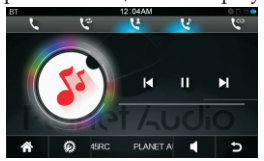
Phone book

In wireless connection menu, touch 【 】 icon can enter phone book interface.
After phone and car unit paired well, can read and store phone book's address book in unit.

Touch number/letter can search phone book's telephone number.
Touch icon can download phone book record.
Touch icon can delete one of the numbers.

Phone music

After phone and car unit paired well, in wireless connection interface, touch 【 】 icon can enter phone music, then can play music in the phone.



Touch icon can play last song.
Touch icon can pause/play.
Touch icon can play next song.