

USER'S MANUAL

P9640B



**IN-DASH DOUBLE-DIN DVD/MP3/CD
AM/FM RECEIVER WITH 6.2" (157MM)
WIDESCREEN TOUCHSCREEN
TFT DIGITAL MONITOR
WITH USB AND SD MEMORY CARD PORTS
AND FRONT PANEL AUX INPUT**



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1115

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AM/FM RECEIVER WITH 6.2" (157MM)
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Warning: To ensure safety while driving and to comply with laws, drivers should not watch video or operate the video device while driving.

ACCESSORY

Accessory	Quantity
Wire	1PC
USB Cable	1PC
Remote Controller	1PC
Warranty card	2PCS

SPECIFICATIONS

Power supply	DC 12V
Power range	10.8-16.0V DC
Max Current Consumption	15A
Ground system	Negative ground
Power Output	80 WattsX4 Channels

FM tuner

US frequency range	87.5-107.9MHz
European frequency range	87.5-108MHz
Signal / Noise ratio	55dB
Stereo separation	30dB
Search station volt	20-30dBuv

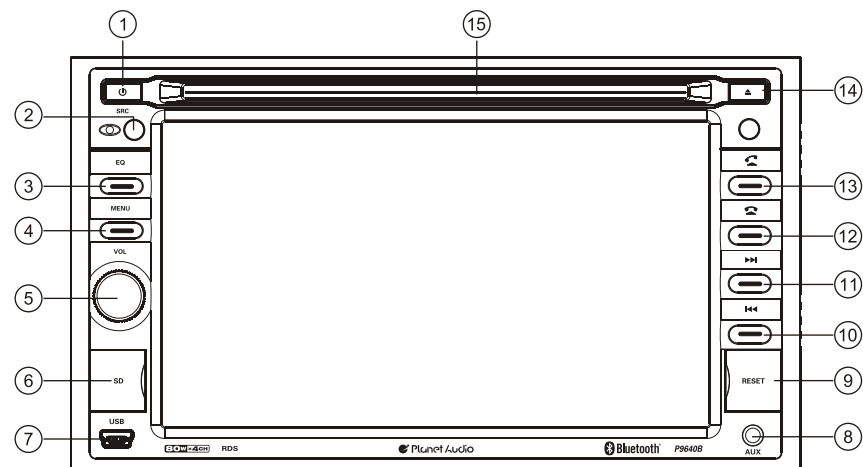
AM tuner

US frequency range	530-1710KHz
European frequency range	522-1620KHz
Limit noise sensitivity	32dB

DVD player

S / N Ratio	70dB
Frequency response	20Hz-20KHz

PANEL INTRODUCTION



- | | |
|----------------------|--------------------|
| 1. / SRC button | 9. RESET |
| 2. IR | 10. |
| 3. EQ button | 11. |
| 4. MENU button | 12. |
| 5. VOL / MUTE button | 13. |
| 6. SD slot | 14. |
| 7. USB slot | 15. Disk load slot |
| 8. AUX slot | |

BASIC FUNCTION

1. / SRC button

If unit is off:

Press this button to power on the unit.

If unit is on:

Long press this button to power off

Short press to cycle thru modes.

2. IR

To receive infrared signal from the remote control.

3. EQ button

In a source mode, press the button to enter equalizer setup.

4. MENU button

Press this button to back to the main menu.

5. VOL button

Rotate the button to adjust volume level

6. SD

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

7. Dual (front and rear) USB

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.

8. AUX

To input external audio.

9. RESET

Press this button and this unit will be restored to the initial state.

10.

At radio state, short press this button to manual seek radio frequency to backward direction; long press this button to automatically seek radio frequency to backward direction; At voice playing state, short press this button to select the previous song; In the playback, press rewind function can be realized.

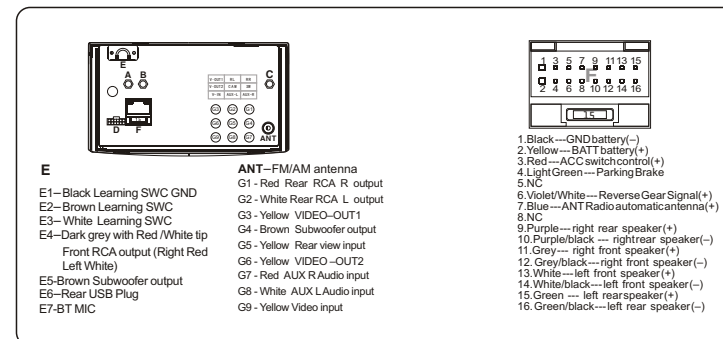
11.

At radio state, short press this button to manual seek radio frequency to backward direction; long press this button to automatically seek radio frequency to backward direction; At voice playing state, short press this button to select the next song; In the playback, press fast forward function can be realized.

WIRING DIAGRAM

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


- Red - ACC ON (+12V) (+)
- Yellow - 12 V Constant (+)
- Black - Ground wire (-)
- Blue - Power Antenna / Remote Amp Turn On (+)
- Violet/White-Reverse Gear Signal (+)
- 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



TROUBLE SHOOTING

PROBLEM	CAUSE	SOLUTION
Cannot power on	Check fuse	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 disk	There is a disk inside	Remove disc before inserting another one
	Disc is scratched	Change new disc
	Put wrong side of disc into the unit	Insert in the disk with sign side up
Cannot play disc	Lens is dirty	Clean lens by lens clean disc
	There is only one language/ subtitle in disc	If disc is not with multi-language/subtitle, it cannot switch language/subtitle
Cannot switch language/subtitle	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, parking brake wire must be grounded


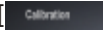

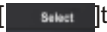
Version

Touch the icon [] in setting interface to enter the interface below to check the software version number of DISC/MCU/TFT/BT (The version information is displayed please prevail in kind.)



Touch calibration

If the touch position is biased, you may touch the icon "Calibrate" for calibration.

Touch the icon [] in setting interface to find the setting bar [ ], and then touch any icon [] to enter the following calibrating interface.



Touching methods

Use touch pen to click the center of "+" icon, and move along with center of "+" icon so as to calibrate the screen. It shall automatically save data and exit after screen calibration. Please accurately click all positions on screen, or the accuracy of touch calibration shall be affected.

12.

After finished the calling, press this button to hang up the phone.

13.

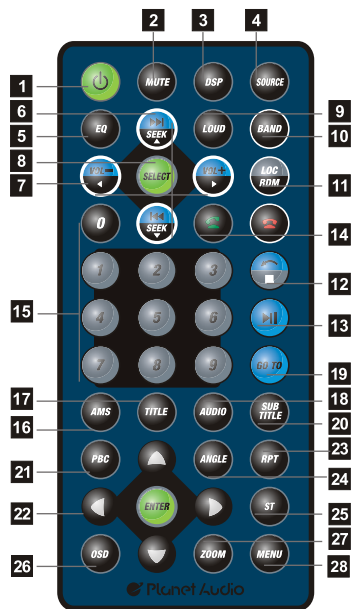
When this is a calling coming in, press this button to answer the phone.

14.

Press this button can eject the disc.

15. Disk load slot

Opening for disks to enter or retreat.



- | | |
|-----------------|----------------------------|
| 1 POWER ON/OFF | 15 0-9+ |
| 2 MUTE | 16 AMS |
| 3 DSP button | 17 TITLE |
| 4 SOURCE | 18 AUDIO |
| 5 EQ | 19 GO TO |
| 6 SEEK+ / SEEK- | 20 SUB-T |
| 7 VOL+ / VOL- | 21 PBC |
| 8 SEL | 22 UP / DOWN / L / R ENTER |
| 9 LOUD | 23 RPT |
| 10 BAND | 24 ANGLE |
| 11 LOC / RDM | 25 ST |
| 12 STOP | 26 OSD |
| 13 PLAY / PAUSE | 27 ZOOM |
| 14 button | 28 MENU |

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. DSP button

Press this button can go into date and time setting interface.

4. SOURCE button

Press this button change mode.

5. EQ button

Press this button at the can switch between different modes.

6. SEEK+ (▶▶) / SEEK- (◀◀) button

In normal playing of MP3/USB/SD/DVD songs, press this button to play 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 button

Press this button to startup LOUD function.

10. BAND button

In radio mode, press this button to choose band.

In VCD, DVD mode, press this button to choose AUTO, PAL or NTSC system.

11. LOC/RDM button

In radio mode, press this button to switch between local and direction.

In USB/SD mode, press this key to randomly play.

12. STOP button

In VCD/DVD mode,press this button to stop playing, press again to continue playing.

13. PLAY/PAUSE button

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

14. / Button

When this is a calling coming in, press this button to answer the phone.

After finished the calling, press this button to hang up the phone.

Click [Setting] icon on main interface to access setup interface.

General setting

Click icon on setup interface to access general setting interface, as shown in below PIC 1 diagram:

In General setting interface, you may set the functions On or Off, or click the icon [] to preview the wallpapers up and down and set your favorite wallpaper



PIC 1

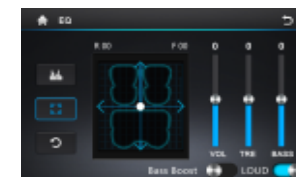
Wallpaper

Touch the icon [] in wallpaper bar [] to change the wallpaper.

Audio setting

Click icon on setup interface to access audio setting interface, as shown in right (PIC 2) diagram:

You can turn on or turn off the existing functions on audio setting interface and adjust the rearview volume.

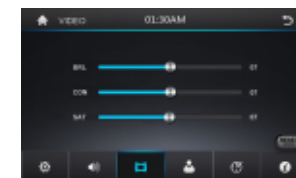


PIC 2

Video setting

Click icon on setup interface to access video setting interface, as shown in right (PIC 3) diagram:

At video setting interface, you can adjust brightness, contrast, saturation and hue of the video.

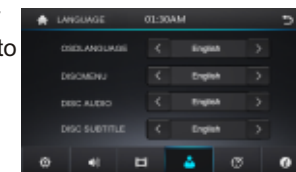


PIC 3

Language setting

During use, you can select your familiar language to display menu by language setup. Click icon on setup interface to access language setting interface, as shown in right (PIC 4) diagram:

In the languagebar [] you need to set, touch the corresponding icon [] to select your familiar language.



PIC 4

Time setting


Click icon on setup interface to access time setting interface.as shown in right (PIC 5) diagram:

Touch the icon [] of Time mode, Year, Month, Date, Hour, Minute for setting.



PIC 5

Calendar

Touch the icon [] in main interface to enter the following Calendar interface:



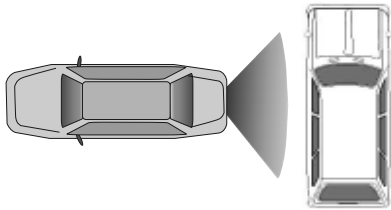
Other Operation

Rear view function

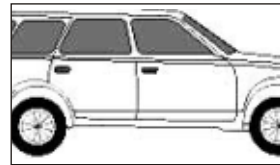
In any running state, the video signal can switch to reverse video state when reversing the car, and the system shall return to its initial running state after reversing the car.

⚠ Warning

Do not solely rely on rear view camera. Objects may be reversed, always be aware of your surroundings.



Reverse field simulation



Rearview backup image

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 + enter button to choose desired song section/preset stations.

16. AMS Button

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

17. TITLE Button

In DVD mode, press this button to play back to the top menu of disc. (Versatile disc support this function) .

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 playing mode, press this button with number button + enter button, you can choose songs/videos to play.

20. SUB-T button

In DVD mode, press this button to switch language of subtitle.

21. PBC Button

In VCD/DVD mode, press this button to go back to root menu of disc.

22. UP, DOWN, LEFT, RIGHT, ENTER button

When playing VCD/DVD, press these buttons to work with ZOOM to move.

23. RPT Button

In Audio mode, press this button to play repeatedly.

24. ANGLE Button

In DVD mode, press this button to change play angle. (Versatile disc support this function)

25. ST Button

In radio mode, press this button to choose stereo or mono station.

26. OSD Button

Press this button to show screen display, like playing time, title, etc.

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.

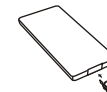
One hand press stopper, then pull out battery.



Put battery into controller.



Insert battery holder into controller.



Turn on/off

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

Access main interface

Turned on, the interface to return the icon to switch to the main interface. As shown below:



Touch the function icons so as to access the corresponding function operations. Touch the [] icon or use the touch pen/finger gently sliding around the screen to switch to the main menu page.

USB/SD Card Operation

When there is a USB device/SD card connected, the unit can conduct the playback of audio/video/image files in the USB device/SD card.

Insert/Eject USB storage device

1. Connect a U disc recorded with media information to the unit by a USB connecting cable.
2. When there is a need to eject the USB device, exit the USB device playback screen first, and then take out the device.

Insert/eject SD card

1. Insert a SD card recorded with media information into the SD card slot in the unit correctly until it is locked.
2. When pulling out the SD card, exit SD card playing state first, then press the SD card and it shall pop up after unlocking.

Enter/exit

Insert a USB storage device or SD card to automatically play data contained in it. If the unit has connected with a USB device or SD card, touch [USB] icon in the multimedia interface to enter into the external storage playback interface; Touch [SD] icon to enter into the SD card playback interface. During playback, touch the top center area of the screen to pop up the touch menu, operate touch menu to perform various playback controls.

Play

After SD card/USB removable device being read out, the operation methods are similar to disk operation methods.

ST. Wheel setting

1. Click on the [] icon in the main interface into the SWC. settings interface.
2. The original vehicle to the control line positive, negative with the machine control line in the positive and negative connection.
3. Click the SWC buttons will appear corresponding operating tips, and fundamental operation prompts the SWC feature set.
4. Set function to save the settings and click the Confirm icon to confirm.

Note: To modify function settings, repeat procedures 3~4.

To reset functions, click Reset icon, all the settings set before shall be cleared, repeat procedures 3~4 for resetting.



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 [AUXIN] icon on main interface to access external AUXIN interface.

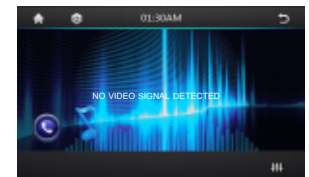


Audio → You can adjust the volume, bass, pitch for input audio. You can adjust the speaker volume by adjusting the front and back, left and right column.

Video → You can adjust the brightness, contrast, saturation and hue for input video. You can also choose the video standard mode.



Note: To adjust the angle of the screen, “Angle Up” and “Angle Down” are marked respectively in each location for different sources.


Touch [AVIN] icon on main interface to access external AVIN interface.

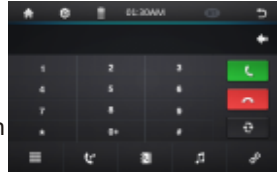


BT Operation

1. Enter/exit

Touch the icon [] in main interface or under Radio/SD/USB/Media/BT Music status to enter BT [] main interface.

Touch  icon to exit BT interface.




2. Pair/link

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


Operation methods:




Set the host to be matching state, and open the BT of your mobile phone and use the mobile phone to search device, the mobile phone shall prompt to match password with the BT when it has searched the BT device.

Input BT password (0000) to the mobile phone and confirm. The mobile phone shall prompt whether authorize to this device, please select [Yes]. Phone and BT shall automatically connect within 20 seconds. Under any working mode, the host shall convert to BT state if there is an incoming call. And the host shall restore to current mode after hanging up.

 When the BT device matches with this device, the connection status shall display “device paired”, otherwise, it shall display “NOT CONNECTED”. After connect successfully, will show BT friendly name “PLANET AUDIO”.


3. Dialing

You can dial on mobile phone directly or input phone number through the number buttons on the screen, click  to delete if there is input error.

After input the phone number, click  to make a call, and click  to hang up the phone. Click  during a call so as to switch the voice between car speaker and mobile phone.

4. Phone book


Click  to access phone book interface.


 Touch this button to search the phone number.

5. Call records



Click  to access call records interface.

 Touch this button to check all the dialed phone numbers.

 Touch this button to check all the phone numbers of received calls.


 Touch this button to check all the phone numbers of missed calls.

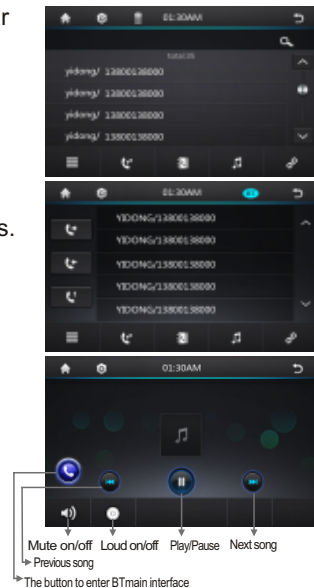
6. BT music

Touch the icon [] or the [] in the main interface to enter BT music interface, as is shown below:

7. Disconnect BT

Disconnect: When there is a need to disconnect the BT device, directly touch the icon


[] at lower right corner of the BT main interface to disconnect the BT device.



Radio Operation

1. Enter/exit

Touch [Radio] icon in the main interface to enter into the radio interface.

Touch  icon to return to main interface, and then touch other function icons so as to exit radio mode.



2. MUTE on/off

Click  icon to switch MUTE on and off.

3. Loudness on/off

Click  icon so as to turn on/off loudness function.

4. Search/Save radio stations


Short press  icon to browse the stored radio stations.

FM band can save 18 radio stations (Six stations for FM1/FM2/FM3), AM band can save 12 radio stations (Six stations for AM1/AM2).

5. Band selection

Click  icon so as to switch among FM1, FM2, FM3, AM1, AM2 bands.

6. Turn on/off the Long/Short-range

Click  icon, the search pattern in the local search (LOC) and remote search (DX) switch between. LOC feature is turned on after the signal is strong enough only to listen to those in good condition and receiving radio station; DX enabled, you can receive remote weak radio signals.

Note: This function is available only when FM band is selected.

7. Stereo on/off

When receiving stereo signals, click  icon to turn on/off stereo.



8. TA (Receive traffic information)

ON: When the traffic station is turned on, the radio will automatically search for traffic stations. After a station is searched, screen displays “TP”. Only when traffic information is broadcasted can it be received, after traffic information is completed, the radio will automatically switch to the previous mode.

OFF: Repress [TA] button to close TA function. In other modes, traffic announcement will automatically switch to radio mode, after the traffic announcement is completed, it will automatically switch to the previous mode.

9. AF

Touch the button to turn the AF function on/off. AF function is turned on, When the received station signals become weak, the radio will automatically fine-tune to other frequencies. When receiving an emergency announcing, the screen will display warning message.

10. Press  or  icon choose the radio station then press former station below the P1 P2 P3 P4 P5 P6 about 2-3 seconds can save presets.

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.

2. DVD/VCD disc playback

During playback of disc, touch the middle lower area of the screen to pop up the touch menu, operate the touch menu to perform various playback controls. (PIC 1)

3. CD Disc Playback

After a CD is inserted, system shall access disk reading state immediately.

When there is a disk in the device, click [Disk] at the main interface so as to access disk reading state.

After the disk being read out, system shall automatically play in sequence.



PIC 1

4. MP3/JPEG/MPEG4 disk playing

When the disk contains readable files, such as MP3/JPEG/MPEG4 files, it shall be automatically read out and played after slipping into DVD player.

During playing, touch the screen area and the touch menu shall pop up. Operate the touch menu for various playing.

5. Touch Menu Function Description

🔇 — MUTE

Touch this icon to switch MUTE on and off.

⏸ Play/pause

Touch the button to pause, retouch it to continue to play.

■ Stop

Touch the button to enter into pre stop status.

⏮ ⏭ Fast forward/backward

Consecutively touch this button to select the speed of fast-forward/fast-backward.

⏮ ⏭ The previous/next song

Touch the button to select the previous/next song.

➡ ➡ ➡ Access next menu

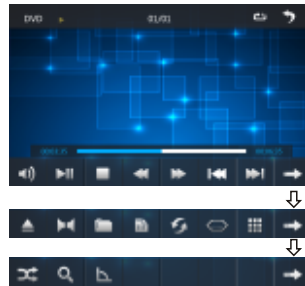
Touch it to access the next menu interface.

▲ Disc

Touch this icon to eject disc.

🔊 Stereo on/off

Touch it so as to turn on/off stereo.



🏠 Return to root menu

Touch this icon, it shall return to root menu of disk in DVD state and access PBC menu playing in VCD state. All chapters in the disk shall be displayed on the interface, touch the chapter icon directly for playing.

📄 Access title menu

Press this button to return to title menu of the disk. Directly click menu bar at title menu interface for playing.

🔄 Repeat play

In playing state, touch this button to start repeat play function:

Chapter repeat → Title repeat → Repeat All → Off

🗨 During VCD playing, this function only works when PBC is off.

🗨 Language selection

Touch this button to select language.

🔢 Digit keyboard

Touch this button and digit keyboard shall appear, click number buttons directly to select tracks for playing.

🔄 Switch play order

Touch this button to switch the play order.

🔍 Zoom in/Zoom out image

Touch this button to zoom in /zoom out the image.

📐 Adjust screen angle

Touch this button to adjust screen angle.