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PORTLAND 310NAV

6.2 Touch Screen Display DVD Receiver Instruction Manual



Enjoy it.

IN CAR MULTI-MEDIA PLAYER OPERATION MANUAL

IMPORTANT NOTICE & PRECAUTIONS

Thank you for buying a BLAUPUNKT product. To operate this unit correctly, please read the operation manual carefully before using. Keep this operation manual for future reference.

The unit designed only for DV 12V negative ground operation system. Make sure your vehicle is connected to DC 12V negative ground operation system. Be sure to connect the speaker (-) leads to the speaker (-) terminal. Never connect the left and right channel speaker wires together or to the vehicle body.

The normal remperature for operation is between -20 and +60 degree Fahrenheit. Do not operate in extreme temperature and lock vents or radiator panels of the unit, as this will cause heat to build up inside the unit and may cause damage or a fire.

This unit can play the following discs (4.72 in) and media files: DVD±R/RW/RMVB/MPEG4/AVI/ SVCD/ VCD/ MP3/ WMA/ CD-R/ RW/ JPEG.

This operational manual shows a version of the unit. Certain features of the unit's software may not be covered in the manual. Please refer to the unit for the exact functions and features of the device.

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 designer to provide reasonable protection harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, maybe cause harmful interference to radio communications. However, there is not 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:

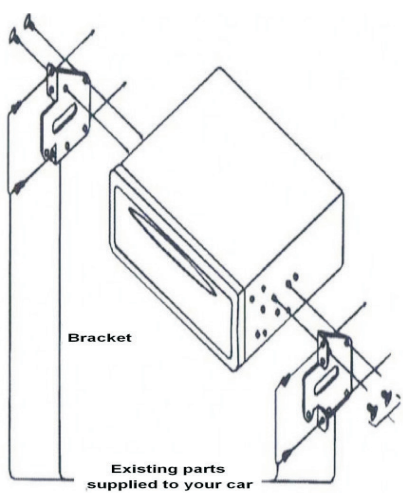
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

SIMPLE TROUBLE SHOOTING

PROBLEMS, CAUSES & SOLUTIONS
No power <ul style="list-style-type: none">- Check and make sure the connecting wires are connected correctly- Check whether the fuse is blown. Replace with the proper value fuse if necessary.
No sound <ul style="list-style-type: none">- Check and make sure the speaker wires are connected correctly.
No picture <ul style="list-style-type: none">- Check whether the video wire is connected to the video device.
Unit hang-up <ul style="list-style-type: none">- Press the RESET button to reset the unit to its default stage.
No function when pressing the buttons or TFT screen <ul style="list-style-type: none">- Press the RESET button to reset the unit to its default stage.
Poor effect or unable to receive radio <ul style="list-style-type: none">- Check whether the radio antenna is inserted or properly connected.- Antenna may not be the proper length. Make sure the antenna is fully extended.- Antenna may be poorly grounded. Check and make sure the antenna is properly grounded.
Stereo cannot be received under radio mode <ul style="list-style-type: none">- Tune the radio frequency accurately.- The broadcasting signal is too weak, set the mode to MONO.
Disc inserted but cannot play <ul style="list-style-type: none">- Check whether the disc inserted upside down.- Check whether the disc is dirty or badly cracked.- Lens is dirty. Clean lens by using the lens clean disc.
Picture without colour or no sound under disc/TV mode <ul style="list-style-type: none">- Improper setting of colour system .Set again to “PAL”, “SECAM”or “NTSC”- The disc is dirty or demange.Wipe the disc with a dry soft cloth or replace a new disc.
Abnormal moving,skipping or sound during playback <ul style="list-style-type: none">- The disc is dirty or damage.Wipe the disc with a dry soft cloth or replace with a new disc.
Remote handset does not work <ul style="list-style-type: none">- Replace new battery of the remote handset.- Point the remote handset directly at the remote sensor of the main unit.- Clean the surface of the remote sensor.
Bluetooth not operated <ul style="list-style-type: none">- check the devices are linked up correctly.
GPS not operated <ul style="list-style-type: none">- check micro SD card with navigation software (map) has been inserted into SD card port for GPS.- check GPS antenna connected properly.

NOTE:
After attempting the above effort,if the unit cannot operate normally,consult your service dealer .
Never attempt to disassemble the unit by yourself.No service part inside the unit.

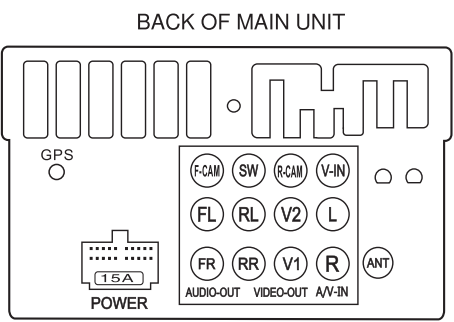
INSTALLATION



- NOTES:**
- Installation varies by car model and supplied parts.
 - Store small articles in places not accessible by children.
 - Use only supplied screws for installation.
 - Intallation of the unit by a professional technician is strongly recommended.

Remarks:
Mounting Brackets and screws are not provided in this unit.

WIRING CONNECTION



Note:
This drawing shows a version of the unit and the exact connections might not be the same in the actual unit. Refer to the unit for the exact functions and features of the device for proper connection.
Due to the law of some countries, video playback is not allowed during driving. To allow video playback while driving, the brown wire (brake) should be connected to the ground (B-) of the car battery.

Portion	Colour	Connection
Connecting Socket	POWER	Red
		Ignition switch (B+)
		Black (Coarse)
		Ground (B-)
		(Fine)
		Steering wheel control (Ground)
		Yellow
		Memory back up (B+)
		White
		Front left speaker (+)
		White / Black
		Front left speaker (-)
		Grey
		Front right speaker (+)
		Grey / Black
		Front right speaker (-)
		Green
		Rear left speaker (+)
		Green / Black
		Rear left speaker (-)
Audio output jack		Purple
		Rear right speaker (+)
		Purple / Black
		Rear right speaker (-)
		Blue / White
		Auto antenna (B+)
		Pink
		Back sight (B+)
		Pink / Black
		Front camera (B+)
		Grey
		Steering wheel control (1)
		Green
		Steering wheel control (2)
		Orange
		Illuminate backlight (B+)
		Blue
		Amplifier control (B+)
		Brown
		Brake (B-)
ANT		Radio antenna
		GPS antenna
Audio output jack	SW	Green
		Sub-woofer output
	FL	White
		Front left speaker output
	FR	Red
Audio input jack		Front right speaker output
	RL	White
		Rear left speaker output
	RR	Red
		Rear right speaker output
Video output jack	L	White
		Auxiliary left speaker input
Video input jack	R	Red
		Auxiliary right speaker input
Video input jack	V1	Yellow
		Video output
	V2	Yellow
		Video output
Video input jack	R-CAM	Yellow
		Back sight camera input
	V-IN	Yellow
Video input jack		Video input
	F-CAM	Brown
		Front camera input

SPECIFICATION

GENERAL

Power Requirement:

Load Impedance:

Maximum Power Output:

DC 12 Volts, negative ground

4 Ohms

40 watts x 4 channels

RADIO SECTION

Frequency Range:

Area:

Europe

OIRT

Australia

Middle East

America

Latin America

Japan

Asia

AM Section

Frequency

522 – 1620 KHz

522 – 1710 KHz

531 – 1602 KHz

530 – 1710 KHz

531 – 1602 KHz

522 – 1629 KHz

Stepping

9 KHz

9 KHz

9 KHz

10 KHz

10 KHz

9 KHz

9 KHz

FM Section

Frequency

87.5 – 108 MHz

65 – 74 MHz

87.5 – 108 MHz

87.5 – 108 MHz

87.5 – 107.9 MHz

87.5 – 108 MHz

76 – 90 MHz

87.5 – 108 MHz

Stepping

100 KHz

30 KHz

100 KHz

100 KHz

200 KHz

100 KHz

100 KHz

50 KHz

IF:

450 KHz

10.7 MHz

DISC SECTION

Disc Play

Mounting Angle

DVD/VCD/MP3/CD/MP5

+/-30°

VIDEO

Video

Video Output Level:

Horizontal Resolution:

PAL / SECAM / NTSC

1.0Vp-p 75 Ohms

500

BLUETOOTH SECTION

Communication type:

Maximum Distance:

V2.0

5 meters

AUDIO SECTION

Maximum Output Level:

Frequency Response:

Signal to Noise Ratio:

Channel Separation:

2 Vrms (+/-3 dB)

20 Hz to 20 KHz

85 dB

80 dB

Note: Specification and design; functions and features; unit illumination; colour and display segment are subject to change without prior notice. Photos and drawings on gift box or operation manual might be varied from the exact unit. Depending on the input devices, operation might be varied from the operation manual described.

5. Touch to shift to **GPS SETTING MENU** or **GPS MAIN MENU** (at **GPS SETTING MENU**).
6. Touch to shift to **SOFTWARE PATH MENU** to select navigation software path.
7. Touch to shift to **TIME ZONE MENU** to select time zone that located.
8. Touch to shift to **SYSTEM INFO MENU** to show the software information and/or reset the GPS setting.
9. Touch to shift to **GPS MONITOR MENU** to show the GPS data.
10. Touch to shift to **CALIBRATION MENU** for touch screen calibration.
11. Touch to shift to **LANGUAGE MENU** for selection of language display at GPS mode.
12. Touch to show previous folder list on screen for navigation path selection.
13. Touch to select.
14. Touch to confirm after selection.
15. Touch to turn on or off of auto run the selected GPS software path when GPS startup.
16. Touch to shift page up or down.
17. Touch to select the time zone that located.
18. Touch to confirm after selection.
19. Touch to clear all the setting under GPS mode.
20. Touch to turn on the display of GPS data on screen.
21. This show the GPS data when GPS data at "GPS ON" mode.
22. Touch to turn off the display of GPS data on screen.
23. Touch and follow 「+」 mark on screen for calibration. When finish, touch OK to complete.
24. Touch to shift to next or previous **LANGUAGE MENU**.
25. Touch to select the desired language at GPS mode.
26. Touch to confirm after selection.

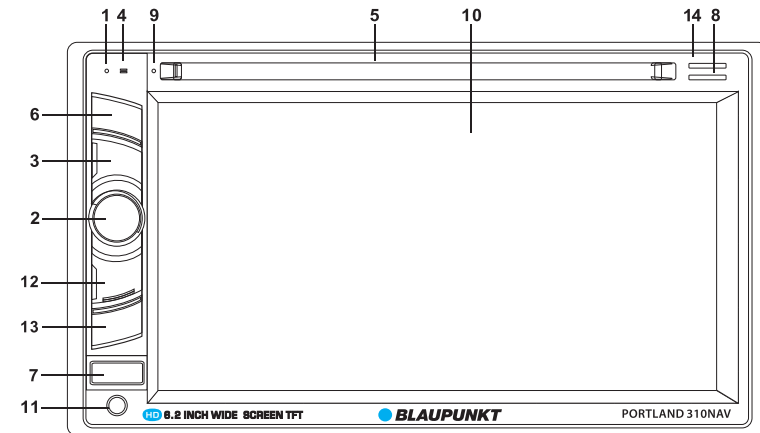
Note: For GPS navigation, maximum 4 GB micro SD card installed with navigation software (map) must be inserted into the micro SD card port for GPS. GPS software path cannot be stored in sub- folder as sub-folder is not supported.

IMPORTANT NOTICE FOR ON SCREEN OPERATION


Interface, photos, images, icons & locations as shown in this user manual may be varied from the actual unit.

MAIN UNIT OPERATION

Symbol/Function Operation & Control



- | | |
|-----------------------------|--|
| 1. RES | Press to reset the unit to its initial default factory settings. |
| 2. VOL+ / VOL-
⏻ / POWER | Rotate to adjust sound output level.
When the unit is turned off, press to turn on the unit.
When the unit is turned on, press & hold shortly to turn off the unit. |
| ⏸ / MUTE | During playback, press to turn sound on or off. |
| 3. M/N | Press to shift screen between GPS mode and the current operation mode. |
| 4. IR | Remote control sensor (for signal reception from remote handset). |
| 5. DISC SLOT | Insert or remove disc from this disc slot. |
| 6. ▲ / EJECT | Press to eject disc from the disc slot (when a disc has been inserted). |
| 7. USB | Insert USB device to this slot for digital files playback. (Note: The USB slot is intended for data transfer only) |
| 8. MICRO SD/■ | Insert micro SD card to this port for digital files playback. |
| 9. MIC | For voice reception under Bluetooth operation. |
| 10. TFT SCREEN | The screen displays content and the user interface. This screen is also a touch display – touch the screen for different functions (for details, refer to other parts of this operation manual). |

11. AUX Insert an external device to this port in order to have sound output of that external device through the unit.
12. DVD Insert 3.5mm audio cord connected to an external device for sound output
13. BND Press to enter radio mode. When in radio mode, press to switch between AM and FM radio bands.
14. MAP /  Insert micro SD card installed with navigation software into slot for operation in GPS mode. (Note: Maximum size for micro SD card is 4GB. Media files are not available for playback.) Insert

Note:

The above mentioned operations may not be available in the unit. Text and symbols may vary from the main unit. Refer to the main unit for the exact function and features of the device. It is highly recommended to use the touch screen display to operate the unit.

ON SCREEN - GPS OPERATION

In the **MAIN MENU**, touch "GPS" icon on-screen to shift to GPS operation. In GPS navigation mode, the previous mode may still be playing and vice versa. You will need to stop playback first.



1. Touch to shift to **MAIN MENU**.
2. Touch to start navigation (when navigation software path has been set) or to shift to **SOFTWARE PATH MENU** to select navigation software path.
3. Touch to shift to **GPS SETTING MENU** for various setup at GPS mode.
4. Touch to shift to **GPS MAIN MENU**.

- 23. Touch to activate or close the key board for phone book searching.
- 24. Touch to input details for phone book searching.
- 25. Touch to start / pause / resume music playback transmitted from the mobile phone.
- 26. Touch to select upward or downward track for playback.
- 27. Touch to turn off the screen. When the screen turned off, touch any portion of the screen to turn the screen back on.
- 28. Touch to activate audio & visual setting for various audio & visual setups.
- 29. Touch to shift screen to **MAIN MENU**.

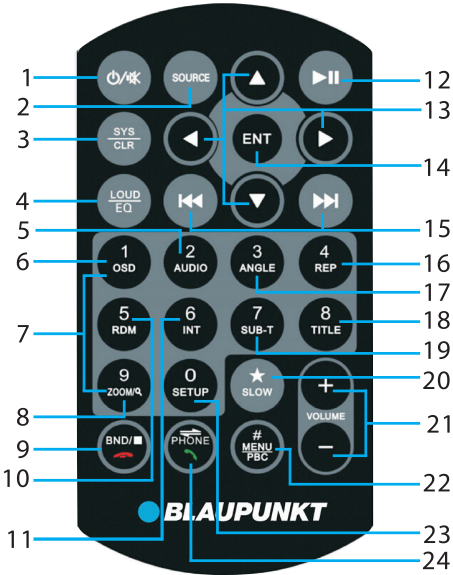
ON SCREEN - AUXILIARY INPUT OPERATION

In the **MAIN MENU**, touch the "AV IN" icon on screen to shift to auxiliary input operation (an auxiliary device must be connected). During auxiliary input operation, touch any portion of the screen to activate the **AUX INPUT MENU**.



- 1. Touch to turn off the screen. When the screen is turned off, touch any portion of the screen to turn the screen back on.
- 2. Touch to activate audio & visual setting for various audio & visual setups.
- 3. Touch to shift to Bluetooth mode for Bluetooth operation.
- 4. Touch to shift screen to **MAIN MENU**.

REMOTE HANDSET KEY GUIDE

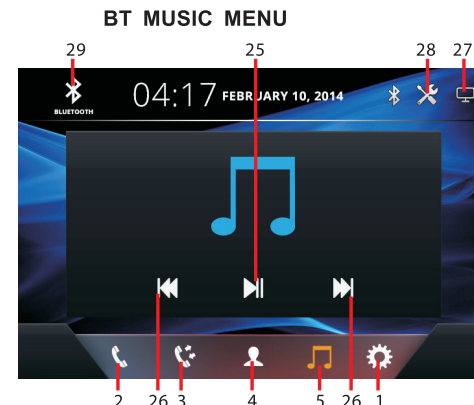


BATTERY REPLACEMENT

Refer to the back of remote handset for details on how to replace the battery.

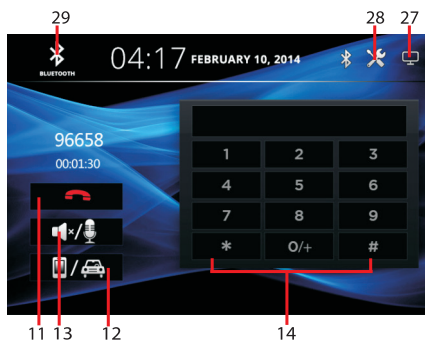
NO.	SYMBOL	OPERATION & CONTROL MODES
1.		When the unit turned OFF , press to turn the unit ON. When the unit is turned ON, press & hold briefly to turn the unit OFF. During unit operation, press to turn mute sound.
2.		Press repeatedly to select the desired operation mode.
3.		In Bluetooth mode, press to erase number inputs.
4.		Press repeatedly to select the desired preset sound equalization mode. Press & hold briefly to turn loudness control ON or OFF.
5.		In Video and Music playback mode ,press & hold briefly to select Different audio output channels. (Note: Available inly with input devices or media files that have different output channels. Not available in Bluetooth mode).
6.		Playback on screen .(Note: Not available during Music playback mode).

7. 1 – 6 Radio Mode
Press any one of the numberkeys1-6 to select a station that had been stored in the preset memory number key 1-6 for broadcasting. Press & hold shortly the number key 1-6 to store the current broadcasting frequency or station into the respective preset memory key number 1-6.
- 0 – 9 Disc / USB / SD / iPod Input Mode
Press directly to input the number of track for playback.
- Bluetooth Mode
Press directly to input the phone number for dial out.
8. ZOOM Disc / USB / SD Input Mode
During Video & Photo playback ,press & hold shortly to zoom in and out of the screen.
- Q Radio Mode
Press to start scanning all the preset stations on memory and stop for a few seconds for broadcasting.
Press & hold shortly to start searching the frequency and storing the strongest signal stations into the preset memory stations (total 20 preset stations on each radio band). After storing the stations, the unit starts scanning all the preset stations on memory and stops for a few seconds for broadcasting.
9. BND Radio Mode
Press repeatedly to select the desired radio broadcast band.
- Disc / USB / SD Input Mode
In video playback mode under disc input, press to stop playback.
In music / photo playback mode under disc input and playback mode under USB / SD input, touch to stop playback temporarily. Normal playback will resume after a few seconds.
- ☎ Bluetooth Mode
Press to hang up or refuse an incoming call.
10. RDM In Disc / USB / SD input playback mode, press & hold briefly to turn on/off random playback of the input device.
11. INT In music playback mode, press and hold briefly to turn on/off intro playback of the input device. (Note: Not available in Bluetooth mode.)
12. ▶|| In Disc / USB / SD input & Bluetooth mode, press to pause, resume, or start playback.

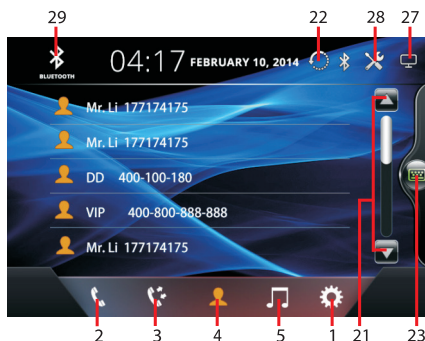


1. Touch to shift to **BT DEVICE MENU**
2. Touch to activate **BT DIAL MENU**
3. Touch to activate **BT RECORD MENU**
4. Touch to activate **BT PHONE BOOK MENU**
5. Touch to activate **BT MUSIC MENU**
6. Touch to select the linked up device.
7. Touch to delete the linked up device.
8. Touch to input phone number.
9. Touch to erase the digit input by error.
10. Touch to dial out.
11. Touch to hang up.
12. Touch to shift conversation between mobile phone & Bluetooth of the unit.
13. Touch to turn ON or OFF sound muting of the microphone.
14. Touch to input digit (for conversation that needs to input data)
15. Touch to refuse an incoming call.
16. Touch to pick up an incoming call .
17. Touch to download incoming calls/dial out numbers/missing calls of the mobile phone to the unit .
18. Touch to show list of missing calls.
19. Touch to show list of dial out numbers.
20. Touch to show list of incoming calls.
21. Touch to shift page up and down.
22. Touch to download the phone book of the mobile phone to the unit.

BT CONVERSATION MENU



BT PHONE BOOK MENU



BT RECORD MENU



BT PHONE BOOK MENU



13. ▲/▼/◀/▶

DVD Mode

On the DVD menu/title display, press to select the desired setting/setup and press ENT to confirm your selection.

Folder / Playlist Mode

During folder / playlist display at media playback mode, press to shift page up or down on playlist.

Photo Playback Mode

Press to rotate photo position or show up-down, left-right mirror image.

14. ENT

DVD Mode

On the DVD menu/title display, press (icons) to select the desired setting/setup and press ENT to confirm your selection.

15. ▶▶/◀◀

Radio Mode

Press repeatedly to fine tune radio frequency upward or downward. Press & hold shortly to tune radio frequency to the upward or downward station for broadcasting.

Disc / USB / SD Input Mode (Playback Mode)

Press repeatedly to shift track upward or downward for playback. Press & hold shortly to activate fast forward or fast rewind mode. At this mode, press repeatedly to select various speeds of fast forward or fast rewind. (Note: Not available for operate at photo playback mode)

Bluetooth Mode

Press to shift track upward or downward for playback.

16. REP

In playback mode under Disc / USB / SD input, press and hold briefly to activate repeat playback. Press and hold briefly to shift between repeat options.

17. ANGLE

In video playback mode, press and hold briefly to view various angles in sequential order (available on media files recorded with this feature). with this features).



18. TITLE

Radio Mode

Press to select stereo (ST) or mono mode at FM radio band. (Note: In stereo mode when a signal is being received, the stereo indicator will appear on-screen.

DVD Mode

Press & hold shortly to display the on-screen menu of the entire disc and resume playback after a while.

19. SUB-T Video Playback Mode
Press & hold briefly to select different subtitles that are available through the input device or media files.
Radio Mode
While on an FM radio band ,press to select local settings for reception of strong signal stations and distant setting for reception of weak signal stations(Note: LOC appears on screen on local settings whereas no indication for distant settings)
20. SLOW During Video playback mode ,press & hold briefly to select vdifferent speeds on slow motion playback.
21. VOL + / VOL - Press repeatedly or press & hold to adjust sound output level.
22. MENU / PBC DVD Mode
Press & hold shortly to display on screen the menu of the entire disc & resume playback after a while.
VCD Mode
Press & hold shortly to turn on or off PBC playback. At PBC on mode, this will start the sequential playback at the beginning.
23. SETUP During unit operation, press & hold shortly to activate setup menu on screen for various system setups. Press & hold shortly again to return to previous operation mode. (Note: System setup cannot be operated by remote handset. System setup can only be operated by touch screen – refer to ON SCREEN OPERATION for details)
24.  Bluetooth Mode
Press to pick up an incoming call; dial out after inputting a phone number; redial last dialed out number.
 / PHONE Press to shift conversation between main unit and mobile phone.

Notes:
Depending on the input devices & media files, operation may be varied or not available for use on the unit.

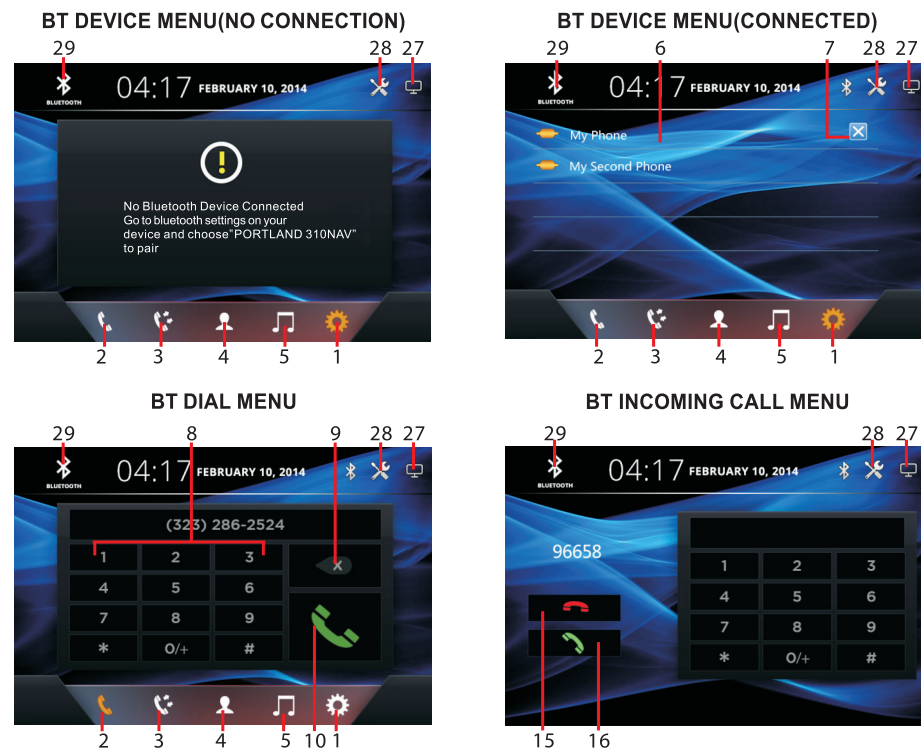
ON SCREEN - BLUETOOTH OPERATION

In the **MAIN MENU** and in other modes, touch the "BT" icon on-screen to shift to Bluetooth mode.

LINK UP WITH MOBILE PHOTE

To linkup Bluetooth connection with the mobile phone, take your phone and follow the steps:

- set the mobile phone to Bluetooth state
- start to search for a new device
- after search , new device " PORTLAND 310NAV ", "CAR BT" or similar device will appear
- input default code "0000" or "8888" in the mobile phone
- at the same time, Bluetooth icon & **BT DEVICES MENU** will appear on screen
- connection succeeded and you can start using Bluetooth function




5. In video playback mode under disc input, touch to stop playback.
In music/photo playback mode under disc input and playback mode under USB/SD card input, touch to stop playback temporarily. Normal playback will resume after a few seconds.
6. Touch repeatedly to select repeat playback mode.
7. Touch to turn on or off random playback of the input device.
8. In DVD playback mode, touch repeatedly to view the angle changes in sequential order (available for video recorded with multi-angle functions).
9. In video & photo playback mode, touch repeatedly to zoom in and out of the screen.
10. Touch repeatedly to select the audio output channels that are recorded in the device.
11. Touch repeatedly to select different subtitles that are recorded in the device.
12. Touch repeatedly to select different speeds of slow motion playback.
13. In DVD playback mode, touch to show the on-screen disc menu.
In VCD playback mode, touch to shift PBC on/off. When PBC mode is on, touch to start playback at the beginning in sequential order.
14. Touch to activate **KEYBOARD MENU** to input track number directly for playback
15. Hold & slide to select the position (time) for playback.
16. Hold & slide to select the position (time) for playback.
17. Touch to shift to MUSIC FOLDER PLAYLIST / MUSIC PLAYLIST to select music playback (when the playback device recorded with music files).
18. Touch to shift to PHOTO FOLDER PLAYLIST / PHOTO PLAYLIST to select photo playback (when the playback device recorded with photo files).
19. Touch to shift to VIDEO FOLDER PLAYLIST / VIDEO PLAYLIST to select video playback (when the playback device recorded with video files).
20. Touch to shift to **FOLDER PLAYLIST / PLAYLIST** to select desired folder / file for playback. To start playback, touch twice selected file.
21. Touch to shift to previous **FOLDER PLAYLIST / PLAYLIST**
22. Touch to shift page up / down.
23. Touch to erase the input digit.
24. Touch to confirm after input the number of track for playback.
25. Touch to shift screen to **MAIN MENU**
26. Touch to shift back to **MUSIC PLAYBACK MENU**
27. Touch to turn off the screen. when the screen is turned off, touch any portion of the screen to turn the screen back on.
28. Touch to activate audio & visual setting for various audio & visual setup.
29. Touch to shift to Bluetooth mode for Bluetooth operation.

ON SCREEN - MAIN MENU OPERATION



Touch the icon on the desired mode on screen and the unit will then enter into the mode that you selected for operation. Hold & slide on the lower portion of the screen (input icons) to shift to other the **MAIN MENU** that shows the hidden input or operation icons.

1. Touch to start radio operation.
2. Touch to start disc input operation (when a disc inserted).
3. Touch to start USB input operation (when a USB device inserted).
4. Touch to start SD card input operation (when a micro SD card inserted).
5. Touch to start auxiliary input operation (when an auxiliary device inserted).
6. Touch to start Bluetooth operation (when connected to a mobile phone).
7. Touch to activate front camera input (when the pink / black wires has been connected). When front camera input has been activated, front camera view will be displayed on screen and:
 - ~ audio output of current operation mode will be retained (for operation modes with audio output only)
 - ~ audio output of current operation mode will be broadcasted 10 seconds later (for operation modes with visual output)
 - ~ audio & visual output of current operation mode will be broadcasted 10 seconds later (for operation with video output connected)
8. Touch to activate audio & visual setting for various audio & visual setup.
9. Touch to turn off the screen. When the screen is turned off, touch any portion of the screen to turn on the screen.
10. Touch to start various setting of the unit.
11. Touch to start Bluetooth operation (icon appeared when connected with mobile phone).
12. Touch repeatedly for default wallpaper (background colour) setting.
13. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn the screen on again. Following preset brightness modes can be selected:



In brightness mode, the brightness of the touch screen is set by the user.
14. Touch to start GPS operation (when micro SD card with GPS software inserted).

ON SCREEN - AUDIO & VISUAL SETTING



During operation, touch to activate audio & visual setting for various audio & visual setup.



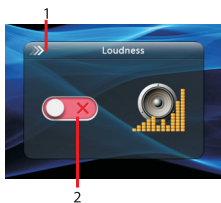
Volume Control

1. Touch to shift to next setting mode.
2. Touch to turn on or off of sound mute control.
3. Hold & slide to adjust sound output level.



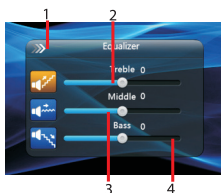
Preset Equalization Control

1. Touch to shift to next setting mode.
2. Touch repeatedly to select the desired equalization mode.



Loudness Control

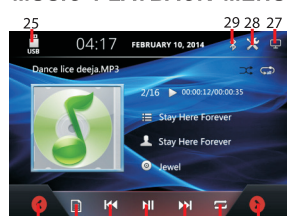
1. Touch to shift to next setting mode.
2. Touch to adjust volume level.



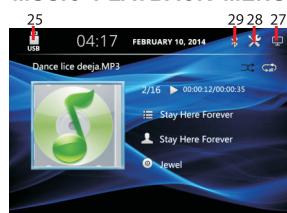
Bass & Treble Control

1. Touch to shift to next setting mode.
2. Hold & slide to adjust output level of treble.
3. Hold & slide to adjust output level on middle range.
4. Hold & slide to adjust output level on bass.

MUSIC PLAYBACK MENU



MUSIC PLAYBACK MENU



FOLDER PLAYLIST



MUSIC PLAYBACK MENU

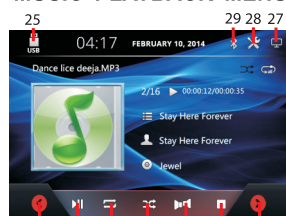
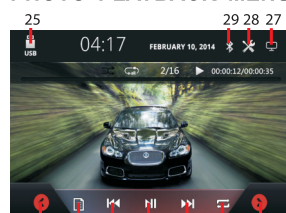


PHOTO PLAYBACK MENU



MUSIC PLAYBACK MENU

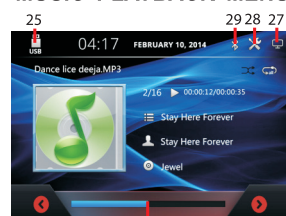
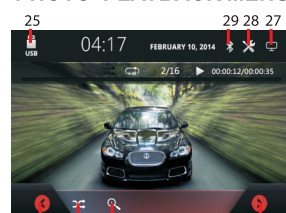


PHOTO PLAYBACK MENU



PLAYLIST



KEY BOARD MENU

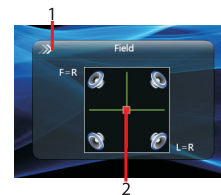


1. Hold & slide to show the hidden operation icons.
2. During media playback, touch to activate PLAYLIST/FOLDER PLAYLIST (available for input devices with folders) to select folder/track for playback.
In DVD playback mode, touch to show the menu of the disc. (Note: Depending on the DVD, this function may not be available.)
In VCD playback mode, touch to shift PBC ON or OFF. While PBC mode is on, touch to start playback at the beginning in sequential order.
3. Touch to shift to next/previous track for playback.
In video playback mode, press and hold briefly to activate fast-forward/rewind mode. In this mode, you can repeatedly press fast-forward/rewind to increase playback speed.
4. Touch to start, pause or resume playback.

- Touch repeatedly to fine tune radio frequency upward or downward.
- Touch to tune the radio frequency to upward or downward station for broadcasting.
- Touch to start intro broadcasting of the preset memory stations for a few seconds. Touch again to stop this intro broadcasting.
- Touch to select stereo or mono mode at FM radio band. When stereo signal received, stereo indication will appear on screen and this is no indication for mono signal.
- Touch to select local (LOC) setting for reception of strong signal stations and a distant setting for reception of weak stations at FM radio band. When local (LOC) setting is selected, LOC will appear on screen and this is no indication for distant setting.
- Touch to activate the preset memory stations list on screen.
- Hold & slide to select the radio frequency for broadcasting.
- Touch the desired preset station number (any of 1-20) to start broadcasting selected station. Touch & hold shortly the preset station number can store the current broadcasting station (frequency) into that station number.
- Touch to select FM & AM radio band for broadcasting.
- Touch to turn the screen off. When the screen is turned off, touch any portion of the screen to turn it back on.
- Touch to activate audio & visual setting for various audio & visual setup.
- Touch to shift to Bluetooth mode for Bluetooth operation.
- Touch to shift screen to **MAIN MENU**.
- Touch to close the preset memory stations list on screen.
- Hold & slide to show the hidden setup modes.

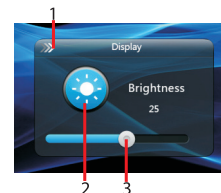
ON SCREEN - DISC/USB/SD CARD INPUT OPERATION

In the **MAIN MENU**, touch the "DISC" / "USB" / "CARD" icon on-screen to shift to multimedia playback mode. Playback will automatically begin. Depending on the input device and playback media, the touch screen will show various playback menus.



Balance & Fader Control

- Touch to shift to next setting mode.
- Hold & slide to set the output level on left / right / front / rear speaker.



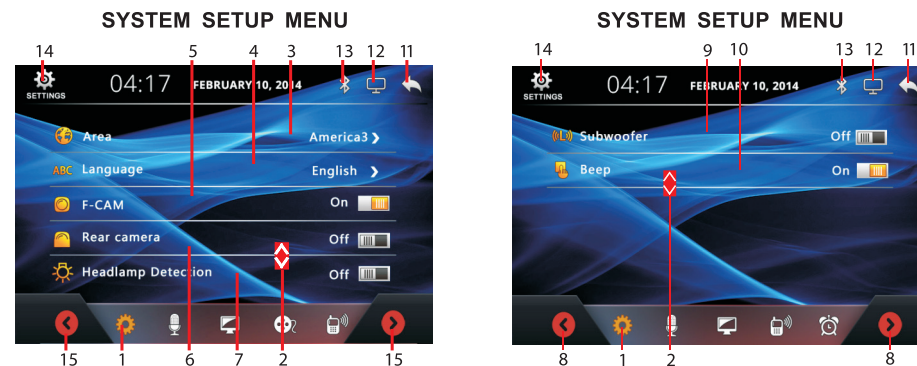
Visual Control

- Touch to shift to next setting mode.
- Touch repeatedly to select the desired setting mode on brightness, contrast, hue, saturation and sharpness.
- At the desired setting mode, hold & slide to adjust the level.

ON SCREEN - SETUP OPERATION

In the **MAIN MENU**, touch the "SETUP" icon on-screen to shift screen to the SETUP MENU for various system setup of the unit.

SYSTEM SETUP



1. Touch to shift screen to **SYSTEM SETUP MENU** for various system settings.
2. Hold & slide to show the hidden setting modes.
3. Touch to activate the AREA INTERFACE to select the country or area located (for the radio frequency that suits the country or area).
4. Touch to activate the LANGUAGE INTERFACE to select the desired system language on screen.
5. Touch to turn ON or OFF front camera input (when front camera and the pink/black wire connected):
 - ~ When the front camera input is turn ON and the car is shifted from backward mode to forward mode, front camera input will be display for 10 seconds.
 - ~ The default setting after first installation is OFF and at this moment, no front camera input will be display when the car is shifted from backward mode to forward mode.
6. Touch to turn ON or OFF rear camera input (when rear camera and the pink wire is connected)
7. Touch to turn ON or OFF headlamp detection of the car (when the orange wire is connected)
8. Hold & slide to show the hidden setup modes.
9. Touch to turn ON or OFF sub-woofer output (when a sub-woofer connected).
10. Touch to turn ON or OFF beep sound when touching on screen for control.
11. Touch to shift to previous operation mode.
12. Touch to turn OFF the screen. When the screen is turned OFF, touch any portion of the screen to turned it back ON.
13. Touch to shift it to BLUETOOTH mode for BLUETOOTH operation.
14. Touch to shift screen to **MAIN MENU**.

AUDIO SETUP



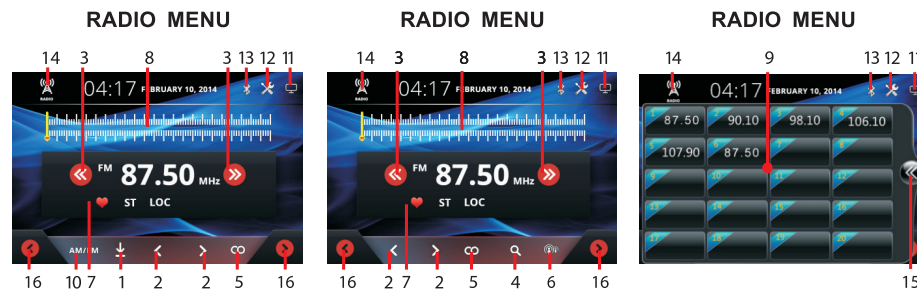
VERSION OF UNIT



1. Touch to shift to **VERSION MENU** to show the details of unit. This is not available for .
2. Touch to shift to previous page, touch twice to shift to previous operation mode.
3. Touch to turn the screen off. When the screen is turned off, touch any portion of the screen to turn it back on.
4. Touch to shift to Bluetooth mode for Bluetooth operation.
5. Touch to shift screen to **MAIN MENU**.
6. Hold & slide to show the hidden setup modes.

ON SCREEN - RADIO OPERATION

In the **MAIN MENU**, touch the "RADIO" icon to shift screen to the **RADIO MENU** for radio operation.



1. Touch to start searching the radio frequency & storing the strongest signal station into memory. After on cycle searcher, the unit starts intro broadcasting of the present memory stations for a few seconds . Touch again to stop this intro broadcasting.

8. Touch to turn the screen off. When the screen is turned off, touch any portion of the screen to turn it back on.
9. Touch to shift to Bluetooth mode for Bluetooth operation.
10. Touch to shift screen to **MAIN MENU**.
11. Hold & slide to show the hidden setup modes.

TOUCH SCREEN CALIBRATION SETUP



6. Touch to shift screen to **MAIN MENU**.
7. Hold & slide to show the hidden setup modes.

1. Touch to shift to **CALIBRATION MENU**.
2. Touch to activate the TOUCH MENU and start calibration of screen .Follow the instructions and touchon screen in order to complete the calibration.
3. Touch to shift to previous page,touch twice to shift to previous operation mode.
4. Touch to turn the screen OFF.When the screen is turned OFF ,Touch any portion of the screen to turn it back on.
5. Touch to shift to Bluetooth mode for Bluetooth operation.

EX - FACTORY SETUP (For ex-factory setting only & not available for user setup)

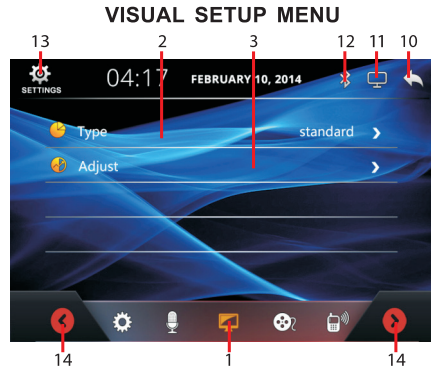


1. Touch to shift to **EX-FACTORY SETUP MENU**.
2. Touch to shift to previous page,Touch twice to shift to previous operation mode.
3. Touch to turn the screen OFF.When the screen is OFF, Touch any portion of the screen to turn it back ON.
4. Touch to shift it to Bluetooth mode for Bluetooth operation.
5. Touch to shift screen to **MAIN MENU**.
6. Hold & slide to show the hidden setup modes.

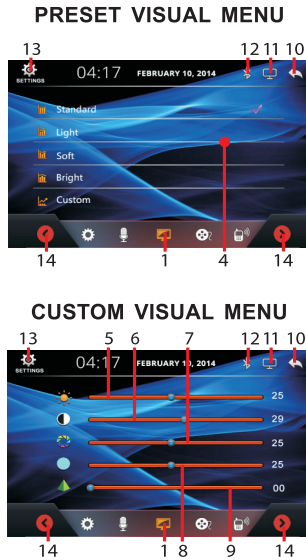


1. Touch to shift to **AUDIO SETUP MENU**.
2. Touch to activate **EQ MENU** for equalization settings.
3. Touch to activate **SURROUND MENU** for surround settings.
4. Touch to activate **BALANCE & FADER MENU** for sound output settings on balance & fader
5. Touch to turn on or off volume control.
6. Touch repeatedly to select the desired preset equalization mode.
7. Touch to activate "custom" control mode. At this mode, hold & slide to set desired equalization level.
8. Hold & slide to show the hidden setting modes.
9. Touch to select the desired surround mode.
10. Hold & slide to set the desired output level between left & right speaker as well as front & rear speaker.
11. Hold & slide to adjust the output level between left & right speaker.
12. Hold & slide to adjust the output level between front & rear speaker.
13. Touch to shift to previous page, touch twice to shift to previous operation mode.
14. Touch to turn off the screen. When the screen is turned off, touch any portion of the screen to turned it back on.
15. Touch to shift it to Bluetooth mode for Bluetooth operation.
16. Touch to shift screen to **MAIN MENU**.
17. Hold & slide to show the hidden setup modes.

VISUAL SETUP



1. Touch to shift to **VISUAL SETUP MENU**.
2. Touch to activate **PRESET VISUAL MENU** for preset visual setting.
3. Touch to activate **CUSTOM VISUAL MENU** for visual setting.
4. Touch to select the desired preset mode of screen.
5. Hold & slide to adjust brightness of screen.
6. Hold & slide to adjust contrast of screen.
7. Hold & slide to adjust hue of screen.
8. Hold & slide to adjust saturation of screen.
9. Hold & slide to adjust sharpness of screen.
10. Touch to shift to previous page, touch twice to shift to previous operation mode.
11. Touch to turn off the screen. When the screen is turned off, touch any portion of the screen to turned it back on.
12. Touch to shift it to Bluetooth mode for Bluetooth operation.
13. Touch to shift screen to **MAIN MENU**.
14. Hold & slide to show the hidden setup modes.



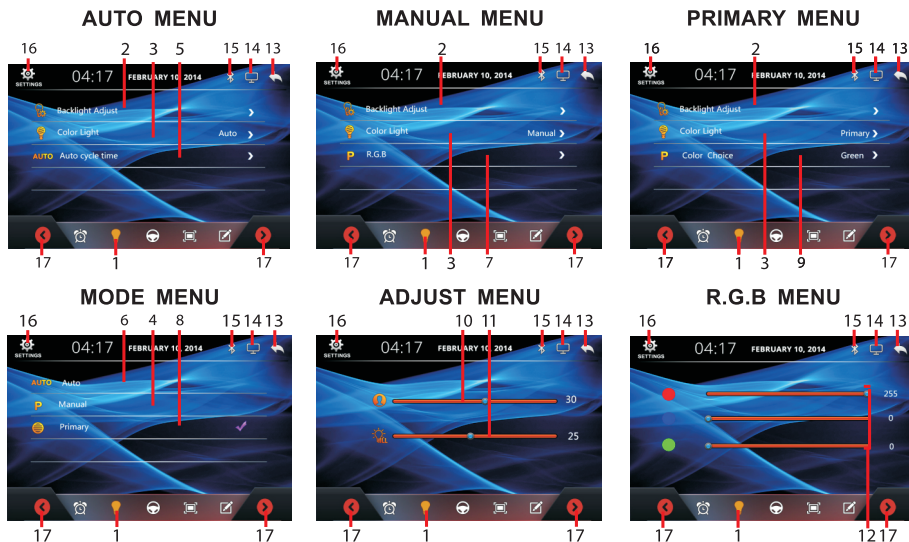
6. Touch to select **AUTO MODE** for automatic backlight change.
7. When **MANUAL MODE** selected, touch to active **R.G.B MENU** for R/G/B adjustment.
8. Touch to select **PRYMARY MODE** to select a single colour illumination.
9. When **PRYMARY MODE** is selected , touch to activate **COLOUR INTERFACE** to select a single colour for illumination.
10. Hold & slide to set brightness of screen when brightness of screen is set at **USER MODE**.
11. Hold & slide to set the headlamp brightness of the car (when the orange wire connected).
12. In the **R.G.B. MENU**, hold & slide to adjust the R/G/B colors.
13. Touch to shift to previous page,touch twice to shift to previous operation mode.
14. Touch to turn off the screen .When the screen is turnef OFF,touch any portion of the screen to turned it back on.
15. Touch to shift it to Bluetooth mode for Bluetooth operation.
16. Touch to shift screen to **MAIN MENU**.
17. Hold & slide to show the hidden setup mode.



1. Touch to shift to **STEERING WHEEL CONTROL MENU**.
2. Touch to turn ON or OFF steering wheel control (when the steering wheel control wires - grey & green connected)
3. Touch to activate **SWC SETTING MENU** for setting up steering wheel control.
4. Touch to select the function for setting.
5. Touch to erase the setting.
6. Touch to confirm the setting.
7. Touch to shift to previous page,touch twice to shift to previous operation mode.

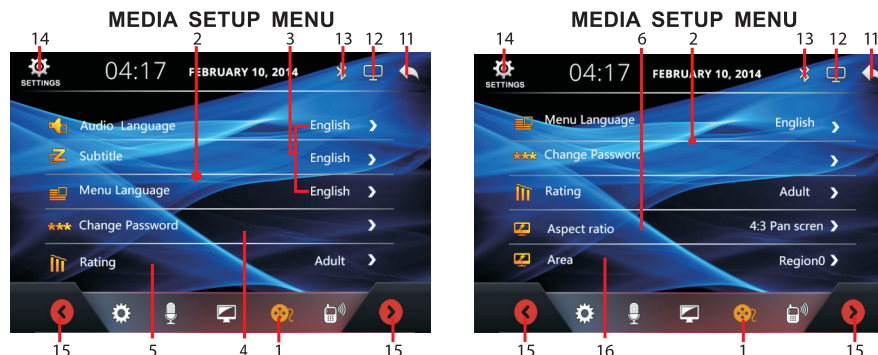
- Touch to turn off the screen. When the screen is turned off, touch any portion of the screen to turn it back on.
- Touch to shift to previous page, touch twice to shift to previous operation mode.
- Touch to set the clock in 12 hour format.
- Touch to set the clock in 24 hour format.
- Touch respectively to set year, month, day, hour & minute.
- Hold & slide to show the hidden setup modes.

ILLUMINATION BACKLIGHT SETUP



- Touch to shift to **AUTO MENU** / **MANUAL MENU** / **PRIMARY MENU**.
- Touch to activate **ADJUST MENU** to adjust illumination backlight
- Touch to activate **MODE MENU** to select illumination mode (auto / manual / primary).
- Touch to select MANUAL MODE for R.G.B. colour setting.
- When AUTO MODE selected, touch to activate AUTO CYCLE TIME INTERFACE to select the time for automatic backlight change.

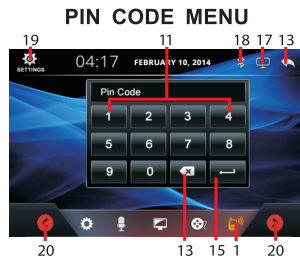
MEDIA SETUP



- Touch to shift to **MEDIA SETUP MENU**
- Hold & slide to show the hidden setting modes.
- Before inserting a DVD for playback, touch to set the desired audio language, subtitles and menu language provided the DVD recorded with relative sources. (Note: Settings are not activated during DVD playback)
- Touch to activate **KEYBOARD MENU** for password changing. (Default password "0000" or "8888")
- Touch to activate **KEYBOARD MENU** to input password in order to select rating for video playback. (Default password "0000" or "8888")
- Touch to activate **SCREEN RATIO MENU** to select aspect ratio of screen for viewing.
- Touch to input number.
- Touch to confirm the number input.
- Touch to erase the digit input by error.
- Touch to select aspect ratio of screen for viewing.
- Touch to shift to previous page. Touch twice to shift to previous operation mode.
- Touch to turn off the screen. When the screen is turned off, touch any portion of the screen to turn it back on.
- Touch to shift it to Bluetooth mode for Bluetooth operation.
- Touch to shift screen to **MAIN MENU**.

15. Hold & slide to show the hidden setup modes.
16. Touch to activate **KEYBOARD MENU** to input password or enter to the **REGION INTERFACE** to set for the DVD are code. (Default password "0000" or "8888").

BLUETOOTH SETUP

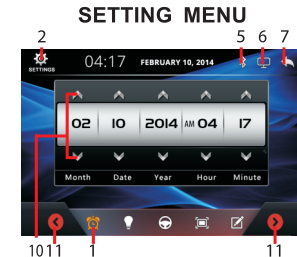
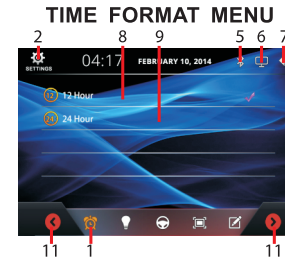


1. Touch to shift to **BLUETOOTH SETUP MENU**.
2. Hold & slide to show the hidden setting modes.
3. Touch to turn on or off of Bluetooth operation mode.
4. Touch to activate **KEYBOARD MENU** for renaming the device (default name "PORTLAND 310NAV"; "CAR BT" or similar).
5. Touch to activate **PIN CODE MENU** for changing the pin code of the device (default password "0000").
6. Touch to turn on or off auto linking between the car unit and mobile phone.
7. Touch to turn on or off auto answer when receiving incoming call.
8. Touch to turn on or off to allow recording of incoming calls / dial out calls / missing calls of the mobile phone to the car unit.
9. Touch to turn on or off to allow loading phone book of the mobile phone to the car unit.
10. Touch to turn on or off the default ring tone level for incoming call.

11. Touch to input the new name of the device and change of new pin code.
12. Touch to shift between uppercase or lowercase letters
13. Touch to erase the digit / letter input by error.

14. Touch for spacing.
15. Touch to confirm the input.
16. Touch to shift to previous page, touch twice to shift to previous operation mode.
17. Touch to turn off the screen. When the screen is turned off, touch any portion of the screen to turned it back on.
18. Touch to shift it to Bluetooth mode for Bluetooth operation.
19. Touch to shift screen to **MAIN MENU**.
20. Hold & slide to show the hidden setup modes.

CALENDAR & CLOCK SETUP



1. Touch to shift to **CALENDAR SETUP MENU**.
2. Touch to shift screen to **MAIN MENU**.
3. Touch to activate **TIME FORMAT MENU** for time format setting.
4. Touch to activate **SETTING MENU** for setting of calendar.
5. Touch to shift to Bluetooth mode for Bluetooth operation.