SOUNDSTREAM

AV Center

Owner's Manual EN

2-Din GPS/DVD Headunit

2 DIN 6.2'' Monitor
Touch screen
DVD/CD/MP3/MP4/USB/SD
AM/FM Radio
Support Android Phone Link
Support Bluetooth
Support Navigation

DVD Bluetooth GPS X300 WATT 4CH. AMPLIFIER SD HC aux Input

VRN-64HBL

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Before use

IMPORTANT NOTICE & PRECAUTIONS

- Thank you for using our company multi-media player! To operate the unit correctly, please read the operation manual carefully before using. Keep this operation manual for further reference.The unit is designed only fo r DC 12V negative ground operation system. Make sure your vehicle is connected to DC 12V negative ground electrical system. Do not connect it to 24V power supply in trucks or buses, or else it will be damaged. 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 temperature for operation is between -20 and +60 degree Celsius. Do not work in extreme high or low temperature and block vents or radiator panels of the unit, blocking them will cause heat to build up inside the unit and may cause damage or fire.

- Do not put the device in a moist environment or water to avoid electric shock, damage and/or fire due to a short circuit.

- This unit can play the following discs (12 cm) and media files: DVD±R/RW / WMV / VCD / MP3 /WMA / CD-R/RW / JPEG. Please use genuine discs instead of incompatible discs, or it will damage the device and/or shorten the service life.

Protecting the monitor

- To protect the monitor from damage, do not operate the monitor using a ballpoint pen or similar tool with the sharp tip.

Before use

Cleaning the Unit

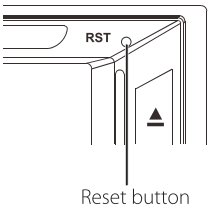
- If the front panel of this unit is stained, wipe it with a dry soft cloth such as a silicon cloth. If the front panel is stained badly, wipe the stain off with a cloth moistened with neutral cleaner, then wipe it again with a clean soft dry cloth.

CAUTION

- Applying spray cleaner directly to the unit may affect its mechanical parts. Wiping the front panel with a hard cloth or using a volatile liquid such as thinner or alcohol may scratch the surface or erase screened print.

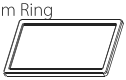
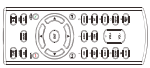
How to reset your unit

- If the unit or the connected unit fails to operate properly, reset the unit.



Reset button

Supplied accessories

1 .Trim Ring  x1	2 .Mounting Bracket x2	
3 . Screws x8	4 .Power Cable x1	
5 .Warranty Card x1	6. Remote Control  x1	
7.User Manual GPS Manual x1	8. GPS Antenna x1	9.Map Card x1

Installation

Before installation of this unit, please note the following precautions.

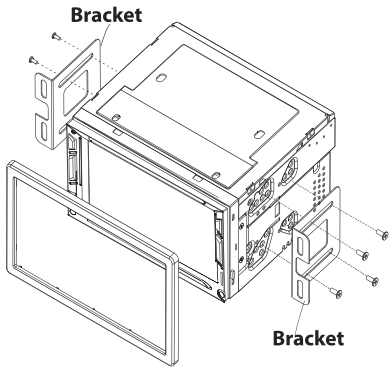
WARNINGS

If you connect the ignition wire (red) and the battery wire (yellow) to the car chassis (ground), you may cause a short circuit, that in turn may start a fire.
Always connect those wires to the power source running through the fuse box.
Do not cut out the fuse from the ignition wire (red) and the battery wire (yellow). The power supply must be connected to the wires via the f use.

1) To prevent a short circuit, remove the key from the ignition and disconnect the ⊖ terminal of the battery.
2) Make the proper input and output wire connections for each unit.
3) Connect the wire on the wiring harness.

Installation

1.Put the 2 brackets to the left and right side of the headunit.
2.Use screws to fix the brackets to the unit.



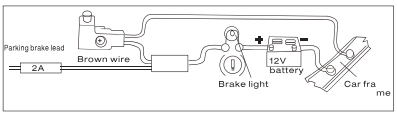
Installation

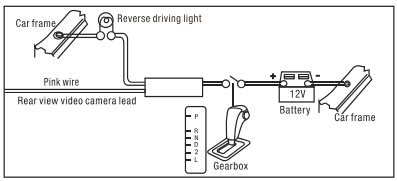
Note:

1. Make sure the ignition is turned off, and disconnect the cable from the vehicle battery's negative (-) terminal.
You never want electricity running while you install this 2-DIN car receiver.
2. Before installation, disconnect the wire harness and the antenna.
3. Attach the brackets on the both sides of the car receiver with screws as shown as the above figure.
4. Consult with your nearest dealer if installation requires the drilling of holes or other modification of the vehicle.
5. Install the car receiver in the dashboard.
6. Connect the wire harness & antenna to the car receiver being carefully not to pinch any wires or cables.
7. Install the plastic outer trim ring onto the car receiver.
8. Reconnect the battery and run through all of the options on this car receiver to ensure that everything is working correctly.
9. Particulars will vary widely depending upon the kind of your car and the car you intend to install it in. Please choose the correct installation method according to the actual situation of your car. Always contact the car dealer or manufacturer if you have any questions.

Parking Wire

Note: The parking wire is connected with brake signal; for safety, the programs can be seen on the monitor after braking the car.





Installation

Connecting the revising line to taillight on the car.

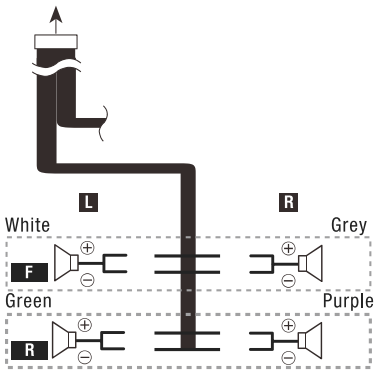
After connection, when you start up the reverse gear, the unit will receive the picture from car rear view camera.

Speaker connection

Note:

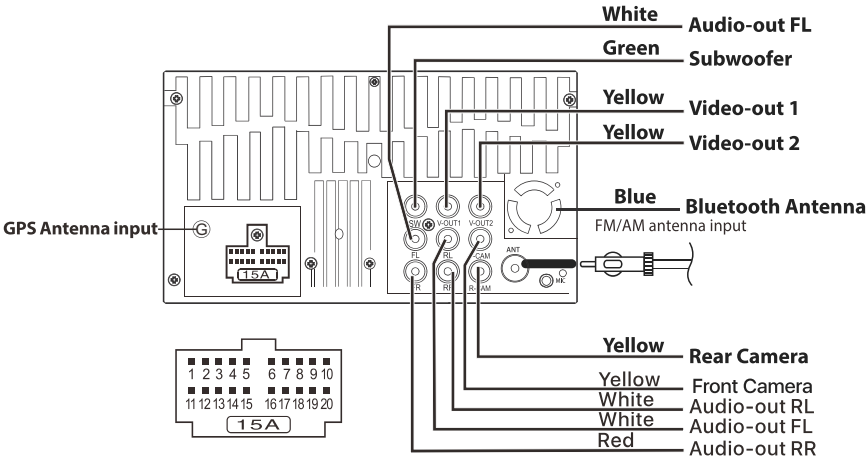
1. Only use groudless loudspeakers
2 Use only loudspeakers of minium 40 Watt, using fewer watts may result in damaging your loudspeakers at higher volumes.
3.Use 4-8 ohm impedance loudspeakers only, suing higher or lesser impedance may damage the unit.
4.Do not use 3-cable loudspeakers and do not connect the loudspeakers to the car. The unit is using a BTL circuit and each loudspeaker must be connected
with insulated cables according the diagram.
5. Loudspeaker cables and/or optional external power amplifiers must always be about 30 cm away from the antenna and/or antenna extension parts.

Connect the speakers accordind the following diagram,incorrect connections will damage the unit or your loudspeakers.



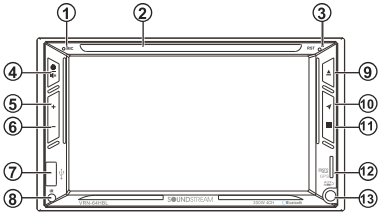
Wiring

Wiring Diagram



1. Brown : Brake Dectect	11. Pink : Back Sight (B+)
2. Green : Steering Wheel Control (2)	12. Grey : Steering Wheel Control (1)
3. Black : Steering Wheel Control (Ground)	13. Pink/Black : Front Camera
4. Orange : Headlamp Detection (Connect to on/off control of car headlamp)	14. Blue : Amplifier Control
5. Blue/White: Auto Antenna	15. Yellow : Memory Back Up (B+)
6. Red: Ignition Switch (ACC)	16. Black : Ground
7. White/Black: Front Left Speaker (-)	17. Purple/Black : Rear Right Speaker (-)
8. White : Front Left Speaker (+)	18. Purple : Rear Right Speaker (+)
9. Grey/Black: Front Right Speaker (-)	19. Green/Black : Rear Left Speaker (-)
10. Grey : Front Right Speaker (+)	20. Green : Rear Left Speaker (+)

Panel description



1 Microphone
- Built-in Microphone.

2 Disc slot
- Insert or eject the disc.

3 Reset
- If the unit or the connected unit fails to operate properly, the unit returns to factory settings when this button is pressed.

4 Power / Mute
- When the power off, press to power on.
- When the unit is working, short pressing for Mute, press again for un-mute.
- Pressing and hold to turn the source unit power off.

5 + (Volume)
- Press to increase the volume value.

6 – (Volume)
- Press to decrease the volume value.

7 USB
- USB slot.

8 Remote Sensor
- Receives the remote control signal.

9 Eject button
- Press to eject the disc.

10 GPS button
- Press to enter the GPS mode.

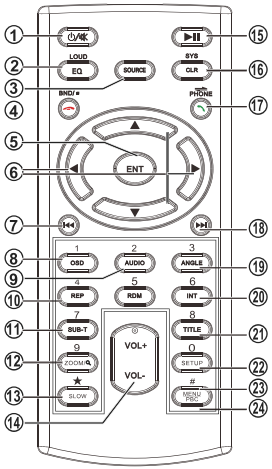
11 Mode button
- Press to selet the desired mode.

Remote control

12 GPS card slot
- Micro SD slot for GPS card.

13 AUX
- AUX jack for AUX playback.

Remote control



1 [⏻/🔇]

When the unit is turn off, press to turn on the unit. When the unit is turn on, press and hold to turn off. During unit working, press to mute or unmute.

2 [EQ/LOUD]

Press repeatedly to select desired equalizer mode. Long press to switch Loudness is ON or OFF.

3 [SOURCE]

Press repeatedly to select the desired mode for operation.

Remote control

4 [BND/ ■]

[ ] (Phone) , press to reject an incoming call; Hang-up the conversation call.

[**BND**](AM/FM) , press repeatedly to select the desired radio band for broadcasting.

[■] (Disc / USB / SD)

[**Video**] press to stop playback.

[**Music**] press to stop playback and shift to folder / playlist menu for playback selection. Press again to stop playback and shift to tuner mode.

(**BT Music**)

[Music] Press to stop playback and will shift back to tuner operation mode.

5 [ENT]

[DVD/Folder/Play list] press ▲/▼/►/◄ to select the desired setting/setup and press ENT to confirm/enter.

6 [▲/▼/►/◄]

[DVD] At DVD menu/title display mode, press to select the desired setting/setup and press ENT to confirm/enter.

[Folder/Play list Menu Mode] During folder/playlist menu display at media playback mode, press ►/◄ repeatedly to shift page up and down, press ▲/▼ repeatedly to select track/folder for playback. Once selected, press ENT to confirm.

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

7 [⏮]

(AM/FM) , Press to tune the radio frequency downward and stop for broadcasting when a radio station received. Press & hold shortly to shift to manual tuning downward.

(USB/SD) , press repeatedly to shift previous track . Press and hold to activate various speed of fast rewind. (Not available for photo playback).

(Bluetooth Music) , press repeatedly to shift previous track.

8 [OSD]

(Video) , press and hold to display the contents of the playback details on screen.

9 [AUDIO]

(Video) , press and hold to display the contents of the playback details on screen.

10 [REPEAT]

(USB/SD) , press repeatedly to shift repeat setting: REPEAT1>REPEAT ALL>REPEAT FOLDER> REPEAT OFF.

11 [SUB-Title]

(Video) , press and hold to select different SUB-TITLES that recorded in the input devices of media files.

12 [ZOOM]

(Video/Photo) , press to select various zoom in and zoom out of screen for viewing.

[🔍]

(AM/FM) , press to start scanning all preset stations on memory and stop for a few seconds broadcasting.
Press and hold to start searching the frequency and storing the strongest signal stations into the preset memory stations number 1-6. After storing the satations, the unit starts scanning all the preset stations on memory and stop for a few seconds broadcasting.

13 [SLOW]

(Video) , press repeatedly to select different speeds on slow motion playback.

14 [VOL+ / VOL-]

Press **VOL+** to increase sound output level.
Press **VOL-** to decrease sound output level.

15 [⏯]

(Music/Video/Photo/BT Music) , press to pause, rusume or start playback.

Remote control

16 [CLR /SYSTEM]

In Bluetooth mode, press to delete the digit input by error.

17 [↷]

(Phone) , press to answer an incoming call; Dial out after input a phone number; Redial lastest dial out number.

[⇄ PHONE]

(Phone) , press and hold to shift conversation between headunit and mobile phone.

18 [⏭]

(AM/FM) , Press to tune the radio frequency upward and stop for broadcasting when a radio station received. Press & hold shortly to shift to manual tuning upward.

(USB/SD) , press repeatedly to shift next track . Press and hold to activate various speed of fast forward. (Not available for photo playback).

(Bluetooth Music) , press repeatedly to shift next track.

19 [ANGLE]

(Video) , press and hold to view angle changes in sequential order.

Note: Available on media files recorded with this features.

20 [INT]

(Video/Music) , press and hold to switch Intro Playback On or Off.

21 [TITLE]

(Video) , press and hold to display on screen the title for setting.

22 [SETUP]

During unit working, press and hold to activate SETUP menu for various settings. press again to return to previous working mode.

23 [MENU]

(Video) , press and hold to display the menu for video playback.

[PBC] Only for VCD.

24 [NUMBERS]

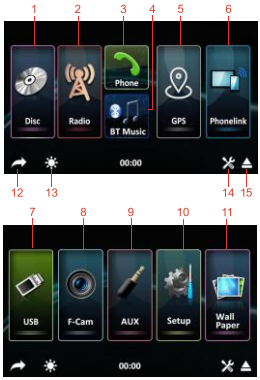
[1-6] (AM/FM) , press any one of the number key 1-6 to select a station that had been stored in the preset memory number key 1-6 for broadcasting.

[0-9] (USB/SD) , press directly to input the number of track for playback.

[0-9,*,#] (Phone) , press directly to input the number for dial out.

Operation

MAIN MENU OPERATION



At **MAIN MENU**, touch the icon of the desired mode on screen and the unit will then enter into the mode that selected for operation.

At **MAIN MENU**, touch & hold on screen and slide to left or right will shift screen to second page operation selection.

1. Touch to start disc input operation (when a disc inserted).
2. Touch to start tuner operation (when the radio antenna connected).
3. Touch to start phone (Bluetooth) operation (when a mobile phone connected).
4. Touch to start Bluetooth streaming operation (when a mobile phone connected).
5. Touch to start GPS operation.
6. Touch to start mobile phone mirror linking operation (when the mobile phone connected to the front USB port/
7. Touch to start USB input operation (when an USB device inserted).
8. Touch to start camera input operation (when connected with front camera).
9. Touch to start auxiliary input operation (when an external device has been connected).
10. Touch to start various setup of the unit.
11. Touch to select desired wallpaper.
12. Touch to shift back to previous operation mode.
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 it on again. Below preset brightness modes can be selected.

At this mode, brightness of screen is set by the user. Refer to ILLUMINATION BACKLIGHT SETUP under ON SCREEN -SETUP OPERATION for details.

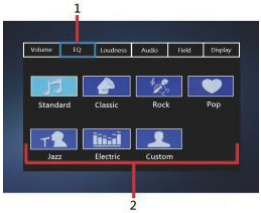
14. Touch to activate **audio & visual** setting. (Refer to AUDIO & VISUAL SETTINGS).
15. Touch to EJECT the inserted disc from unit.

AUDIO & VISUAL SETTINGS.

Volume Control

1. Touch to shift to volume control menu.
2. Hold & slide to adjust sound output level.
3. Touch to MUTE or UNUNTE.

Preset Equalizer Control



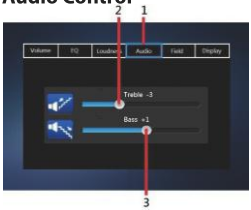
1. Touch to shift to equalizer control menu.
2. Touch to select the desired EQ mode.

Operation

LOUDNESS

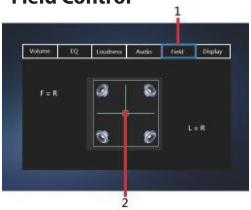
1. Touch to shift to Loudness control .
2. Touch to switch On or Off.

Audio Control



1. Touch to shift to Audio control .
2. Hold & slide to set for Treble.
3. Hold & slide to set for Bass.

Field Control

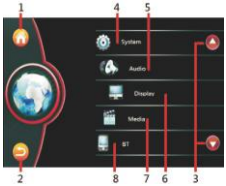


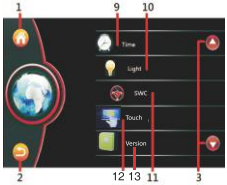
1. Touch to shift to Field control .
2. Hold & slide to set for the Fader and Balance.

Visual Control

1. Touch to shift to Display control .
2. Touch to select the desired setting mode: Brightness.Contrast,Hue, Saturation, Sharpness.
3. Hold & Slide to adjust the level.

At **MAIN MENU**, touch on screen and shift to **SETTINGS MENU** for various setup selection of the unit.

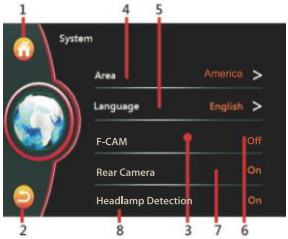


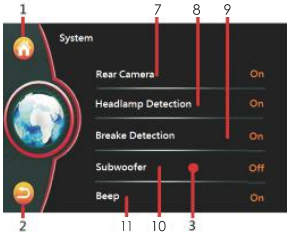


1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to back to previous setting menu.
3. Touch to shift to previous /next **SETTINGS MENU**.
4. Touch to shift to **SYSTEM MENU** for system setting.
5. Touch to shift to **AUDIO MENU** for audio setting.
6. Touch to shift to **Display MENU** for display setting.
7. Touch to shift to **MEDIA MENU** for media setting.
8. Touch to shift to **Bluetooth MENU** for bluetooth setting.
9. Touch to shift to **Time MENU** for time setting.
10. Touch to shift to **Light MENU** for illumination backlight setting.
11. Touch to shift to **SWC MENU** for steering wheel control setting.
12. Touch to shift to **Calibration.**
13. Touch to show the **VERSION** informations.

Operation

SYSTEM SETUP





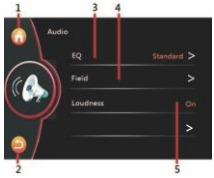
1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to back to previous setting menu.
3. Hold & slide to show hidden setting items.
4. Touch to select the radio frequency that suits the area located.
5. Touch to select the desired language.
6. Touch to shift **Front Camera** is On or Off.
7. Touch to shift **Rear Camera** is On or Off.
8. Touch to shift shift **Headlamp** is On or Off.

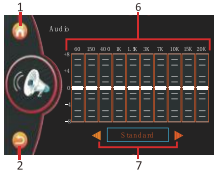
ON: When the headlamp of the car is turned on, Brightness of screen will shift to the default setting by user. User can also adjust the brightness of screen at this mode.

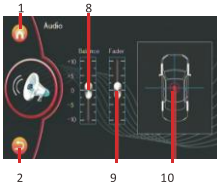
OFF:When the headlamp of the car is turned on, Brightness of screen will not be affacted.

9. Touch to shift to **Brake Detection** is On or Off.
10. Touch to shift to **Subwoofer** is On or Off.
11. Touch to shift to **Beep** is On or Off.

AUDIO SETUP



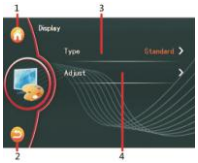


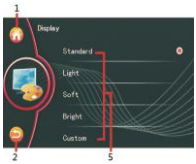


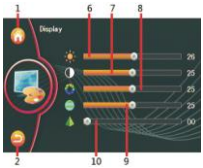
1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to back to previous setting menu.
3. Touch to access to **EQ MENU.**
4. Touch to access to **FIELD MENU** for sound output setting.
5. Touch to shift **LOUNDNESS** is On or Off.
6. At custom control mode, hold and slide the cursor set to desired equalizer level.
7. Touch repeatedly to select the desired preset equalizer mode .
8. Hold and slide the cursor to set to desired Balance level (Left and right speakers).
9. Hold and slide the cursor to set to desired Fad er level (front and rear speakers).
10. Hold and slide to adjust the desired output level between left & right speaker as well as front& rear speaker.

Operation

VISUAL SETUP

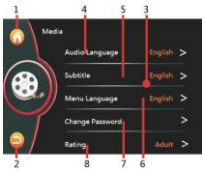


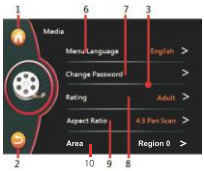


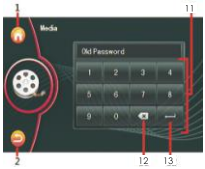


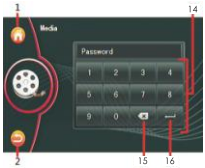
1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to back to previous setting menu.
3. Touch Type to access to **PRESET VISUAL MENU.**
4. Touch Adjust to access to **CUSTOM VISUAL MENU** for visual settings.
5. Touch to select desired preset vusual mode of screen.
6. Hold and slide the cursor to set to desired **bright -ness** level.
7. Hold and slide the cursor to set to desired **contrast** level.
8. Hold and slide the cursor to set to desired **Hue** level.
9. Hold and slide the cursor to set to desired **Saturation** level.
10. Hold and slide the cursor to set to desired **Sharpness** level.

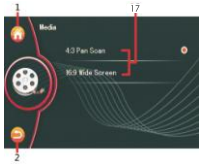
MEDIA SETUP











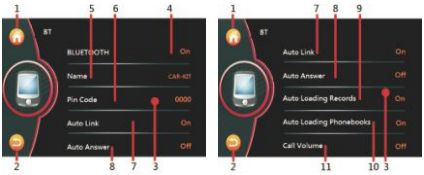
1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to back to previous setting menu.
3. Hold & slide to show hidden setting items.
4. Touch to select desired **AUDIO LANGUAGE** for DVD playback provided the DVD recorded with relative language.
5. Touch to select desired **Subtitle LANGUAGE** for DVD playback provided the DVD recorded with relative language.
6. Touch to select desired **MENU LANGUAGE** for DVD playback provided the DVD recorded with relative language.
7. Touch to activate **PASSWORD MEMU** for changing.
8. Touch to select desired **Rating level** of video playback.
9. Touch to activate **ASPECT Ratio Menu** to select aspect ratio of screen for viewing.
10. Touch to select **DVD REGION.**
11. Input the old password, then allow to set new password.
12. Touch to erase the digit that input be error.
13. Touch to confirm the input number.
14. Touch to input the desired number.
15. Touch to erase the digit that input be error.
16. Touch to confirm the input number.
17. Touch to select aspect ratio of screen for viewing.

Operation

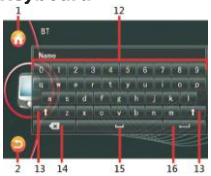
Note:

1. During DVD playback, new setting on "Audio Language", "Subtitle Language","Menu Language", can not be activated. It is recommended to make relative setting before inserting a DVD for playback.
2.Default password is "0000" or "8888".

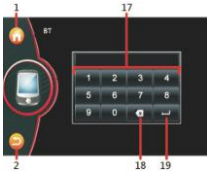
Bluetooth SETUP



Keyboard



Pin Code



1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to back to previous setting menu.
3. Hold & slide to show hidden setting items.
4. Touch to switch the Bluetooth is On / Off.
5. Touch to activate **KEYBOARD MENU** for renaming the device. (Default name is "CAR-KIT").
6. Touch to activate **PIN CODE MENU** for changing the pin code of the device. (Default code is "0000" or "8888").
7. Touch to turn on or off of **Auto Link** with mobile phone.

(**Note**: When auto connect is turn on, the unit will connect to the linked-up mobile phone after ignition of the car)

8. Touch to turn on or off of **auto answer** when an incoming call received.
9. Touch to turn on or off of **automatic loading record** of incoming calls / dial out/missing calls of the mobile phone to the car unit.

(**Note**: Loading of record will start automatically when the unit linked-up mobile phone and shift to BT RECORD MENU at first time.)

10. Touch to turn on or off of **auto loading phonebook** once the unit linked-up with the mobile phone.
11. Touch to turn on or off the default volume level during Bluetooth conversation.
ON Mode: Volume level at Bluetooth conversation is shifted to the default volume level.
OFF Mode: Volume level at Bluetooth conversation is same as current volume level.

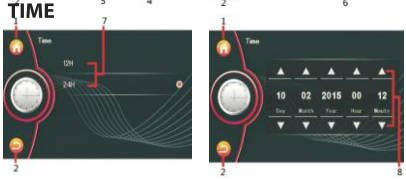
(**Note**: Volume level can be adjusted at any time during Bluetooth conversation).

12. Touch to input the new name of device.
13. Touch to shift between caital letter or small letter.
14. Touch to erase the digit or letter input by error.
15. Touch for spacing.
16. Touch to confirm.
17. Touch to input the new pin code of the device.
18. Touch to erase the digit or letter input by error.
19. Touch to confirm.

CALENDAR & CLOCK SETUP

CALENDAR

TIME

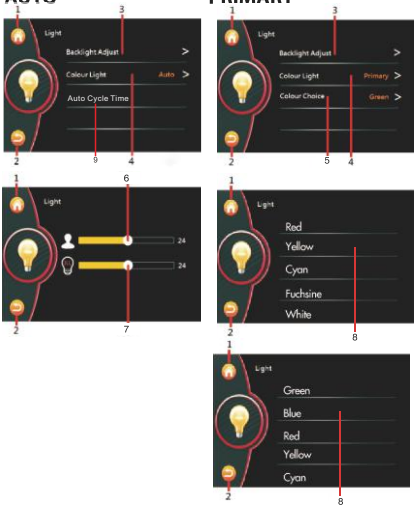


Operation

1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to back to previous setting menu.
3. Touch to activate **CALENDAR FORMAT MENU** for date/ month/year format setting.
4. Touch to activate **CLOCK FORMAT MENU** for 12H / 24H format setting.
5. Touch to activate **SETTING MENU** for calendar & time setting.
6. Touch to select calendar display format.
7. Touch to select clock display format.
8. Touch repeatedly to set for calendar & clock.

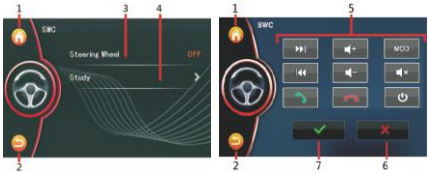
ILLUMINATION BACKLIGHT

AUTO **PRIMARY**



1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to back to previous setting menu.
3. Touch to activate **Backlight Adjust Menu** for operation.
4. Touch to select illumination mode: **AUTO** or **PRIMARY**.
5. Touch to select backlight color.
6. Hold & slide to set brightness of screen when brightness of screen is set an USER Mode.
7. Hold & slide to set brightness of screen when brightness of screen is set an USER SETTING MODE under headlamp detection at ON mode (refer to MAIN MENU OPERATION).
8. In Primary mode-Color Choice, you can choose desired backlight color: Green>Blue>Red >Yellow>Cyan>Fuchsine>White
9. Touch to shift the auto cycle time of the backlight.

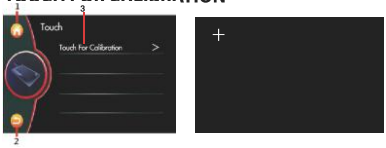
STEERING WHEEL CONTROL



1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to back to previous setting menu.
3. Touch to turn on or off SWC (when the steering wheel control wires - gray & green as well as the ground wire connected).
4. Touch to activate **SWC STUDY MENU** for steering wheel control learning & setting as below:
   - touch any control key "5" on screen.
   - press and hold the respective control of the steering wheel of car.
   - the unit starts learning and once completed, indicator appears on screen.
   - follow the above steps to set all other controls.
   - press "6" to cancel the setting.
5. Show the items available for setting.
6. Touch to cancel settings.
7. When study & setting completed, touch to confirm the setting.

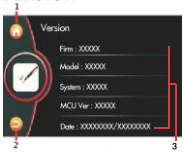
Operation

TOUCH FOR CALIBRATION



1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to back to previous setting menu.
3. Touch to calibration.

VERSION



1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to back to previous setting menu. Brightness.Contrast,Hue, Saturation, Sharpness.
3. Show the version information.

RADIO OPERATION

At **MAIN MENU**, touch on screen and shift to **Radio** for radio operation.

1. Touch to shift to **MAIN MENU** for operation mode selection.
2. Touch to access to Bluetooth page quickly.
3. Touch access to Audio & Video settings quickly.
4. Touch to turn off the screen.
5. Press repeatedly to fine tune the radio frequency upward or downward.
6. Touch to turn the radio frequency upward or downward and stop for broadcasting when a station received. Press & hold shortly to activate manual tuning mode. At this mode, press repeatedly to fine tune the radio frequency upward or downward.
7. Touch, hold & slide the desired frequency, release for broadcasting.
8. Touch repeatedly to select radio band for broadcasting.
9. Touch to start searching the radio frequency & storing the strongest signal station into memory. After one cycle searched, the unit starts intro broadcasting of the preset memory stations for a few seconds.
10. Touch to select **Stereo (ST)** or **MONO** at FM radio. When stero signal received, stereo indicator will be appeared on screen and this is no indicator for mono mode.
11. Touch to select **Local(LOC)** setting for reception of strong signal stations and a **distant(DX)** setting for reception of weak stations at FM radio band. When Local setting is selected, LOC will be appeared on screen and this is no indication for DX.
12. Touch to start into broadcasting of preset memory stations for a few seconds. Touch again to stop this intro broadcasting.
13. This shows the preset memory station. Touch any one of the preset station to have broadcasting of relative station. Touch & hold shortly on any one of the preset station, the current broadcasting station / frequency will be stored in the respective preset memory station.

DISC/USB/SD OPERATION

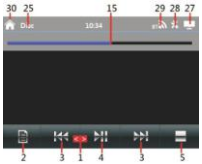
At **MAIN MENU**, touch on screen and shift to disc / USB / SD input mode for media playback. At media playback mode and depends on the input device and playback media recorded, touch on screen to show various PLAYBACK MENUS for operation.

Note:

Due to the law of some countries and areas, watching video is not allowed during driving. To allow video playback, parking brake must be engaged (light green wire - parking brake input must be connected).

Operation

DVD / VIDEO PLAYBACK MENU



DVD / VIDEO PLAYBACK MENU

DVD / VIDEO PLAYBACK MENU

MUSIC PLAYBACK MENU

MUSIC PLAYBACK MENU

MUSIC PLAYBACK MENU

PHOTO PLAYBACK MENU

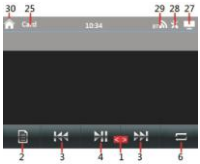
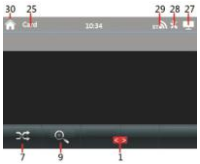


PHOTO PLAYBACK MENU



FOLDER PLAYLIST

PLAYLIST

KEYBOARD MENU

1. Hold and slide to show the hidden operation icons for operation.
2. DVD Mode
   Touch to display on screen the menu of the disc & playback will resume after a while.
   Video / Music / Photo Mode
   Touch to shift to FOLDER / PLAYLIST MENU for playback selection. Touch once or twice (as the case may be) on the selected folder / track for playback.
3. Touch to shift to next or previous track for playback. At DVD / VCD / video / music playback mode, touch & hold shortly to activate fast forward or fast rewind mode. At this mode, touch repeatedly to select various speed on fast forward or fast rewind.
4. Touch to start, pause or resume playback.
5. At video playback mode under disc input, touch to stop playback.
   At music / photo playback mode under disc input and playback mode under USB/SD card input, touch to stop playback temporary and will shift to playlist for playback selection. Touch twice on the selected track for playback or normal playback will resume after a while.
6. Touch repeatedly to select various repeat playback modes of the input device.
7. Touch to turn on or off of random playback mode of the input device.
8. Touch repeatedly to view the angle changes in sequential order (available for DVD recorded with multi-angle senses).
9. Touch repeatedly to zoom in and zoom out of screen for viewing.
10. Touch repeatedly to select the audio output channels that recorded in the playback device.
11. Touch repeatedly to select different sub-titles that recorded in the playback device.

Operation

12. At video playback mode, touch repeatedly to select different speeds of slow motion playback.
13. **DVD Mode,** touch to display on screen the menu of the disc.
    VCD mode, touch to turn on or off of PBC mode.
    At PCB on mode, playback will start at the beginning in sequence order.
14. Touch to activate **KEYBOARD INTERFACE** 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. (for music).
17. Touch to select **music** playback mode.
18. Touch to select **photo** playback mode.
19. Touch to select **video** playback mode.
20. Touch to shift to **FOLDER PLAYLIST** or **PLAYLIST** to select desired folder or file for playback.
    To start playback, touch twice on the selected track.
21. Touch to shift to previous **FOLDER / PLAYLIST MENU**.
22. Touch to shift page up or down.
23. Touch to erase the digital input by error.
24. Touch to confirm the playback after inputting the track number.
25. Show current playback device **(DISC/USB/SD).**
26. Touch to shift back to **PLAYBACK MENU.**
27. Touch to turn off the screen. When the screen is off, touch any portion of screen to turn on the screen.
28. Touch to activate **AUDIO & VISUAL MENU** for various audio & visual settings.
29. This **Bluetooth** icon will light up if the unit has connected to a mobile phone.
    Touch to access Bluetooth operaion.
30. Touch to shift screen to **MAIN MENU.**

BLUETOOTH OPERATION

At **MAIN MENU**, touch on screen and shift to **PHONE (KEYPAD)** MENU for Bluetooth Operation.

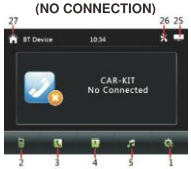
At **MAIN MENU**, touch on screen and shift to **BT MUSIC** for Bluetooth music operation.

LINK UP WITH MOBILE PHONE

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 new device
- after searched, new device (model number of this unit) searched out, confirm the search
- in case of need, input default code "0000" or "8888" in the mobile phone
- at the same time, **Bluetooth icon** light up on screen
- connection succeeded and you can start using Bluetooth function.

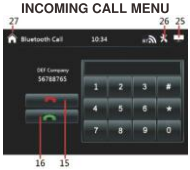
(NO CONNECTION)



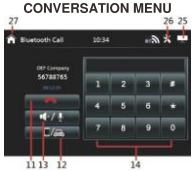
(CONNECTED)

DIAL MENU

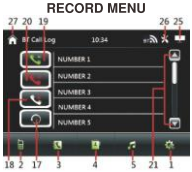
INCOMING CALL MENU



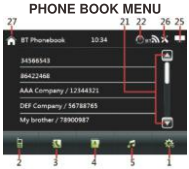
CONVERSATION MENU



RECORD MENU



PHONE BOOK MENU



MUSIC MENU

Operation

1. Touch to shift to **BT DEVICE MENU** to show the current status on connection.
2. Touch to shift to **PHONE (KEYPAD) MENU** for dial out.
3. Touch to shift to **PHONE (PHONEBOOK) MENU** to show the phone book of the connected mobile phone.
4. Touch to shift to **PHONE (RECENT) MENU** to show the record on incoming / outgoing / missing calls.
5. Touch to shift to BT MUSIC for transmission of music playback from the connected phone.
6. Touch to select the linked up device.
7. Touch to delete the linked up device.
8. Touch to input the phone number for dial out.
9. Touch to erase the digit input by error.
10. Touch to dial out after input the phone number or redial the last call number when no phone number input.
11. Touch to hang up or refuse an incoming call.
12. Touch to shift conversation from Bluetooth of the unit to the mobile phone.
13. Touch to turn on or off of sound muting of the microphone of the unit.
14. Touch to input the data.
15. Touch to hang up or refuse an incoming call.
16. Touch to pick-up an incoming call.
17. Touch to start downloading / updating the call history of the linked-up phone to the unit.
18. Touch to show the missing call history.
19. Touch to show the incoming call history.
20. Touch to show the outgoing call history.
21. Touch to shift page up or down.
22. Touch to start downloading / updating the call history of the linked-up phone to the unit.
23. Touch to start / pause / resume playback transmitted from the mobile phone.
24. Touch to shift to previous or next track for playback.
25. Touch to turn off the screen. When the screen is off, touch any portion of screen to turn on the screen.
26. Touch to activate **AUDIO & VISUAL MENU** for various audio & visual settings.
27. Touch to shift screen to **MAIN MENU.**

APPLICATION TO CONTROL THE UNIT VIA BLUETOOTH OF MOBILE PHONE (Android support only)

User can download the following APP to the mobile phone in order to have control of the headunit by mobile phone via Bluetooth.
Take your phone and follow the steps:
- for Android device, search "iCon" from Google Store and download & install,
-After installaion, open the application:

- The following menu appeared in the mobile phone and you can start control the headunit with this menu (Bluetooth must be connected):

- The following shows the control option:

1. Radio band selection
2. Adjust the volume up or down
3. Adjust the EQ selection
4. Select the desired mode
5. Mute or Unmute
6. Upward operation
7. Play/Pause control
8. Downward operation
9. Back to homepage
10. Settings

Remarks: The operation under this application is limited to some modes and controls only>

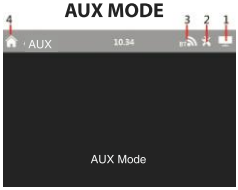
Operation

AUX IN OPERATION

At **MAIN MENU**, touch on screen to shift to **AUX IN MENU** for audio input operation (provided an AV device had been connected).

During **AUX** input operation, touch any portion on screen to activate **AUX IN** operation.

AUX MODE

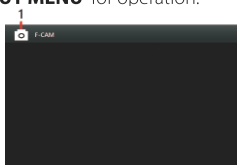


1. Touch to turn off the screen. When the screen is off, touch any portion of screen to turn on the screen.
2. Touch to activate **AUDIO & VISUAL MENU** for various audio & visual settings.
3. This **Bluetooth** icon will light up if the unit has connected to a mobile phone.
   Touch to access Bluetooth operaion.
4. Touch to shift screen to **MAIN MENU.**

Front Camera OPERATION

At **MAIN MENU**, touch on screen to shift to **front camera** viewing (provided front camera and the pink/black wire connected).

At **Front camera** viewing mode,touch any portion on screen to activate **FRONT CAMERA INPUT MENU** for operation.



1. Touch to shift screen to **MAIN MENU.**

WALLPAPER OPERATION

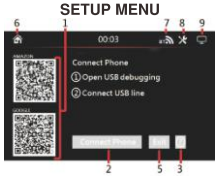
At **MAIN MENU**, touch to select the desired wallpaper of the headunit.

PHONELINK OPERATION

At **MAIN MENU**, touch on screen to start mobile phone linking (mirror linking) of the connected mobile phone operation.
Follow the instruction as shown on screen for the first time connection.

For Android devices, when the phone is connected at the first time, SETUP MENU appeared on screen.

SETUP MENU



CONNECT FAILURE MENU

USB DEBUG MENU

1. Scan the QR code by using the connected android phone.
   Follow the instruction of the connected phone & download " AUTOLINK" application from Google Play Store or Amazon site.
   Open "AUTOLINK" application after download, mirror linking appeared on screen and mobile phone operation can be started and controlled by touching screen of the headunit.

Operation

2. Touch to connect with the mobile phone.
3. Touch to shift to USB DEBUG MENU and follow the information to have USB debug on the mobile phone before connecting again.
4. Touch to return to SETUP MENU.
5. Touch to exit mobile phone linking operation and shift to previouse operation mode.
6. Touch to shift screen to **MAIN MENU.**
7. This **Bluetooth** icon will light up if the unit has connected to a mobile phone.
   Touch to access Bluetooth operaion.
8. Touch to activate **AUDIO & VISUAL MENU** for various audio & visual settings.
9. Touch to turn off the screen. When the screen is off, touch any portion of screen to turn on the screen.

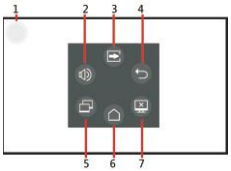
Important notice on mobile phone linking operation on Android mobile phone:

1. This head unit supports Android phone 6.0 or above with USB mirror linking function.
2. USB cable should be used to connect the phone to the front USB slot of the head unit.
3. In case connection failed, SETUP MENU will remain on screen.
4. Phone set up may be varied from different phones and USB debug may be necessary. Refer to the operation method of the mobile phone for details (usually at setting mode > developer options >USB debugging).
5. Depends on the connected smart phone, operation & setting may varied.

FLOATING DOCK OPERATION UNDER PHONELINK:

At **PHONELINK** operation and when this floating dock icon appeared on screen, touch to activate **FLOATING DOCK MENU** on screen for various functions and controls of the unit.
This menu will be closed when no operation for a while.
Touch any blank portion on screen will also close this menu.

FLOATING DOCK



1. Touch to activate FLOATING DOCK MENU on screen for various functions and controls of the unit. Hold & slide can move this icon to other desired position on the screen.
2. Touch to activate volume & sound mute control of the car unit.
3. Touch to shift screen to the MAIN MENU of the car unit.
4. Touch to shift screen to previous page of the connected phone.
5. Touch to shift horizontal / vertical viewing of the connected phone.
6. Touch to shift screen to the main menu of the connected phone.
7. Touch to turn off the screen. When the screen turned off, touch any portion of the screen to turn the screen on.

Specification

GENERAL	
Power Requirement:	DC 12 Volts, negative ground
Load Impedance:	4 Ohms
Maximum Power Output:	75 watts x 4
AM RADIO SECTION	
Frequency Range	530 – 1710 KHz (America) 522 – 1620 KHz (Europe)
FM RADIO SECTION	
Frequency Range	87.5 – 107.9 MHz (America) 87.5 – 108 MHz (Europe)
DISC SECTION	
Disc & media Play:	DVD / VCD / MP3 / CD / JPEG
Mounting Angle:	+/- 30 degree
Aspect Ratio:	16:9 / 4:3
VIDEO SECTION	
Video System:	PAL / NTSC
TFT Screen:	800*480 pixel
BLUETOOTH SECTION	
Communication type:	V4.2
Maximum Distance:	5 meters
AUDIO SECTION	
Maximum Output Level:	4 Vrms (+/-3 dB)
Frequency Response:	20 Hz to 20 KHz
Signal to Noise Ratio:	85 dB
Channel Separation:	80 dB

Note: Specification and design; functions and features; unit illumination; color 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. Depends on the input devices, operation might be varied or not available from the operation manual described.

SIMPLE TROUBLE SHOOTING

PROBLEMS, CAUSES & SOLUTIONS
No power - 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 - Check and make sure the speaker wires are connected correctly.
No picture - Check whether the video wire is connected to the video device.
Unit hang-up - Press the RESET button to reset the unit to its default stage.
No function when pressing the buttons or TFT screen - Press the RESET button to reset the unit to its default stage.
Poor effect or unable to receive radio - 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 - Tune the radio frequency accurately. - The broadcasting signal is too weak, set the mode to MONO & DX modes.
Disc inserted but cannot play - 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.
Abnormal moving, skipping or sound during playback - The disc is dirty or damaged. Wipe the disc with a dry soft cloth or replace a new disc.
Remote handset does not work - Replace new battery of the remote handset. - Point the remote handset directly at the remote sensor of the main units. - Clean the surface of the remote sensor.
Bluetooth not operated - check the devices are linked up correctly.

Note

After the above efforts, if the unit still cannot be worked normally, consult your service dealer.
Never attempt to disassemble the unit by yourself.No service part inside the unit.