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MIAMI620

## 6.2" Touch Screen Display DVD Receiver Instruction Manual



*Enjoy it.*

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

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

## **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.

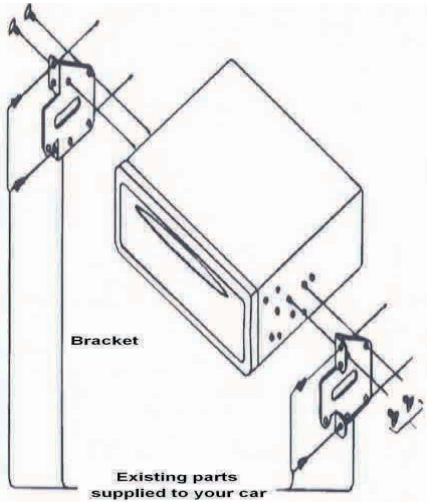
The unit is designed only for DV 12V negative ground operation system. Make sure your vehicle is connected to DC 12V negative ground operation system. Be sure to connect the speaker (-) leads to the speaker (-) terminal. Never connect the left and right channel speaker wires together or to the vehicle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

The normal temperature 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 operation manual shows the full version of the unit. GPS navigation system, dynamic multi-colour illumination; back USB connection; iPod connection, digital TV tuner; analog TV tuner; Bluetooth and AM radio are optional features of the software and may not be included. Please refer to the exact functions & features that are equipped with this unit for operation.

## INSTALLATION



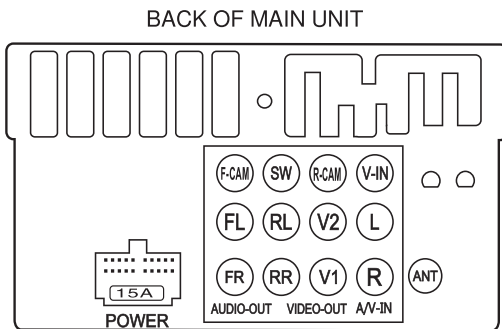
### NOTES:

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

### Remarks:

Mounting Brackets and screws are not provided in this unit.

## WIRING CONNECTION



### Remarks:

This drawing shows the full version of the unit and may not be available for connection on some versions. Refer to the exact functions and features of the unit for proper connection. Due to the law of some countries, video playback is not allowed during driving. To allow video playback during driving, the brown wire (brake) should be connected to ground (B-) of the car battery

## SIMPLE TROUBLE SHOOTING

PROBLEMS, CAUSES & SOLUTIONS	
<b>No power</b>	-Check and make sure the connecting wires are connected properly -Check whether the fuse is blown. Replace with the proper value fuse if necessary.
<b>No sound</b>	- Check and make sure the speaker wires are connected correctly.
<b>No picture</b>	-Check whether the video wire is connected to the video device
<b>Unit hang-up</b>	-Press the RESET button to reset the unit to its default stage.
<b>No function when pressing the buttons or TFT screen</b>	-Press the RESET button to reset the unit to its default stage
<b>Poor effect or unable to receive radio / TV</b>	- Check whether the radio/TV antenna is inserted or properly connected. - Antenna may not be the proper length. Make sure the antenna is fully extended. - Antenna may be not poorly grounded. Check and make sure the antenna is properly grounded.
<b>Stereo cannot be received under radio mode</b>	-Tune the radio frequency accurately. -The broadcasting signal is too weak, set the mode to MONO.
<b>Disc inserted but cannot play</b>	-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.
<b>Picture without colour or no sound under disc / TV mode</b>	-Improper setting of colour system. Set again to "PAL", "SECAM" or "NTSC" -The disc is dirty or damaged. Wipe the disc with a dry soft cloth or replace a new disc.
<b>Abnormal moving, skipping or sound during playback</b>	-The disc is dirty or damaged. Wipe the disc with a dry soft cloth or replace with a new disc.
<b>Remote handset does not work</b>	-Replace with a 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.
<b>BLUETOOTH not working</b>	-Check to make sure the devices are linked up correctly.

### 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.

## SPECIFICATION

### GENERAL

Power Requirement: DC 12 Volts, negative ground  
 Load Impedance: 4 Ohms  
 Maximum Power Output: 40 watts x 4 channels

### RADIO SECTION

Frequency Range:	AM Section		FM Section	
Area:	Frequency	Stepping	Frequency	Stepping
Europe	522 -1620 KHz	9 KHz	87.5 – 108 MHz	50 KHz
OIRT	522 – 1620 KHz	9 KHz	65 – 74 MHz	30 KHz
Australia	522 – 1710 KHz	9 KHz	87.5 – 108 MHz	100 KHz
Middle East	531 – 1602 KHz	9 KHz	87.5 – 108 MHz	100 KHz
America 1	530 – 1620 KHz	10 KHz	87.5 – 108 MHz	50 KHz
America 2	530 – 1620 KHz	10 KHz	87.5 – 107.9 MHz	100 KHz
America 3	530 – 1710 KHz	10 KHz	87.5 – 107.9 MHz	100 KHz
America 4	530 – 1710 KHz	10 KHz	87.5 – 108 MHz	50 KHz
Japan	522 – 1629KHz	9 KHz	76 – 90 MHz	50 KHz
Brazil	520 – 1710 KHz	10 KHz	87.5 – 108 MHz	100 KHz
China	522 – 1620 KHz	9 KHz	87.5 – 108 MHz	50 KHz
IF:	450 KHz		10.7 MHz	

### DISC SECTION

Disc Play DVD / VCD / MP3 / CD /MP5  
 Mounting Angle +/- 30°

### VIDEO

Video PAL / SECAM / NTSC  
 Video Output Level: 1.0Vp-p 75 Ohms  
 Horizontal Resolution: 500

### BLUETOOTH SECTION

Communication type: V2.0  
 Maximum Distance: 5 meters

### AUDIO SECTION

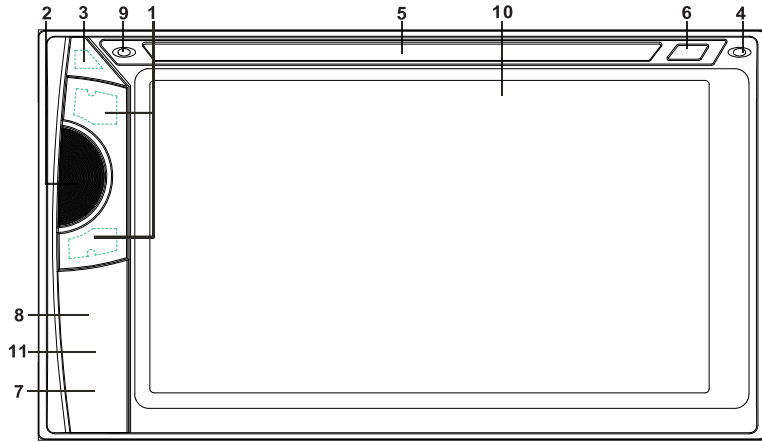
Maximum Output Level: 2 Vrms (+/-3 dB)  
 Frequency Response: 20 Hz to 20 KHz  
 Signal to Noise Ratio: 85 dB  
 Channel Separation: 80 dB

**NOTE:** Specification and design; functions and features; unit illumination; 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.

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 (-)
		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
Audio output jack	SW	Green	Sub-woofer output
	FL	White	Front left speaker output
	FR	Red	Front right speaker output
	RL	White	Rear left speaker output
	RR	Red	Rear right speaker output
Audio input jack	L	White	Auxiliary left speaker input
	R	Red	Auxiliary right speaker input
Video output jack	V1	Yellow	Video output
	V2	Yellow	Video output
Video input jack	R-CAM	Yellow	Back sight camera input
	V-IN	Yellow	Video input
	F-CAM	Brown	Front camera input

## MAIN UNIT OPERATION

### Symbol / Function Operation & Control



1. VOL+ / VOL- Rotate to adjust sound output level.
2. / POWER 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 During unit operation, press to go to the MAIN MENU for other operation modes.
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).

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

At **MAIN MENU**, touch “AV IN” icon on screen to shift to auxiliary input operation (provided an auxiliary video device had been connected). At auxiliary input operation, touch any portion of screen to activate **AUX INPUT MENU** for operation.

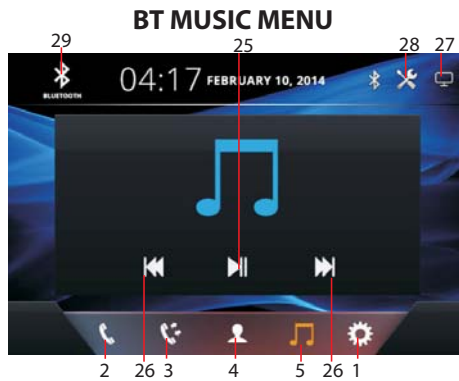
### AUX INPUT MENU



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**.

### IMPORTANT NOTICE FOR ON SCREEN OPERATION

Interface, photos, images, icons & locations as shown in this part of user manual may be varied from the exact unit. However, all of them come with similar outlook of the same type and with same operation method.



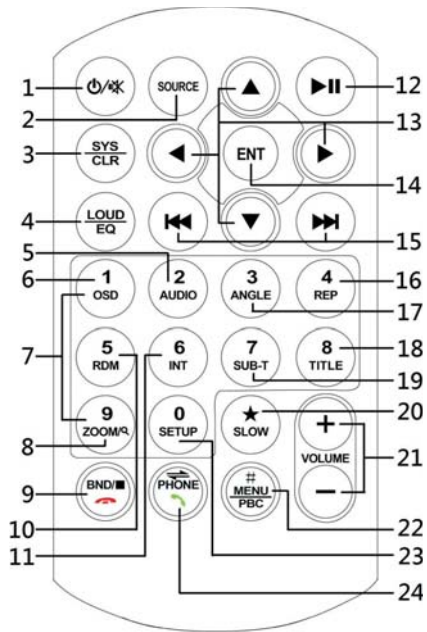
1. Touch to shift to **BT DEVICE MENU**
2. Touch to activate **BT DIAL MENU**
3. Touch to activate **BT RECORD MENU**
4. Touch to activate **BT PHONE BOOK MENU**
5. Touch to activate **BT MUSIC MENU**
6. Touch to select the linked up device.
7. Touch to delete the linked up device.
8. Touch to input 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.

11. AUX      Instert an external device to this port in order to have sound output of that external device through the unit.

**Note:**

The above mentioned operations are various series of the same type and may not be available in the unit. Printing and symbols on the above may vary from the exact main unit. Refer to the main unit to exact funtions and features. It is highly recommended to use the touch screen control to operate. Most of the controls cannot be operated by the main unit.

## REMOTE HANDSET KEY GUIDE



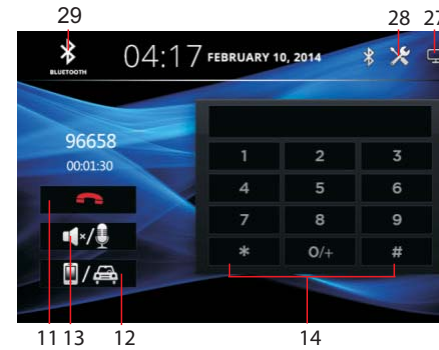
### BATTERY REPLACEMENT

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

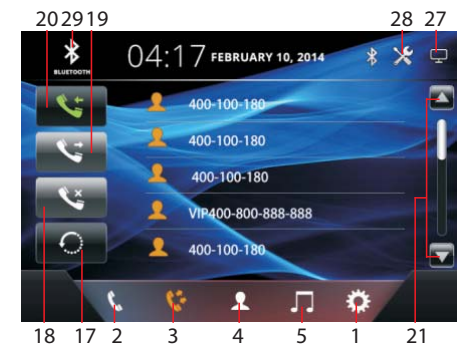
NO.	SYMBOL	OPERATION & CONTROL MODES
1.		When the unit is turned OFF, press to turn ON the unit. When the unit is ON, press & hold shortly to turn OFF the unit.
		During unit operation, press to turn mute sound.
2.	SOURCE	Press repeatedly to select the desired mode for operation.
3.	SYS / CLR	-In BLUETOOTH mode, press to erase the digit input by error.
4.	EQ	Press repeatedly to select the desired preset equalization mode.
5.	LOUD	Press & hold shortly to turn ON or OFF loudness control.
6.	AUDIO	-In video and music playback mode, each time press & hold shortly to select different audio output channels. (Note: Available on input device or media files recorded with different output channels and not available under BLUETOOTH mode)
7.	OSD	-In media playback mode, press to display the contents of the playback details on screen. (Note: Not available at music playback mode)

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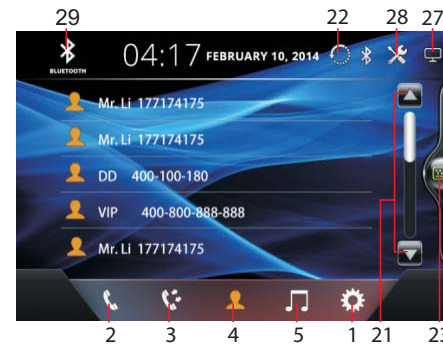
### BT CONVERSATION MENU



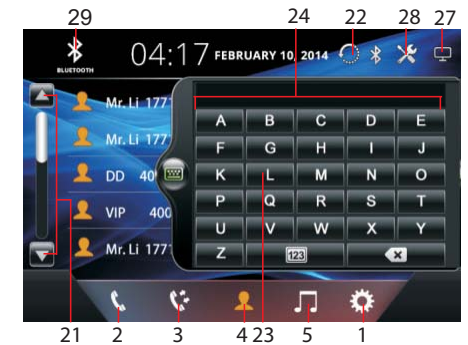
### BT RECORD MENU



### BT PHONE BOOK MENU



### BT PHONE BOOK MENU



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## ON SCREEN - BLUETOOTH OPERATION

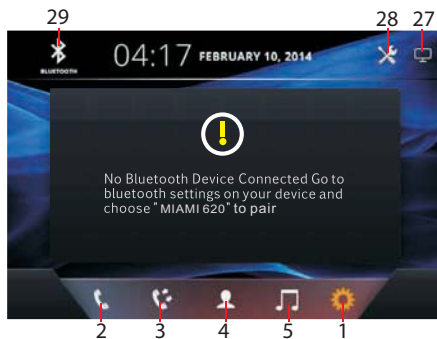
At **MAIN MENU** and at other operation modes, touch "BT" icon on screen to shift to **BLUETOOTH** operation.

### LINK UP WITH MOBILE PHONE

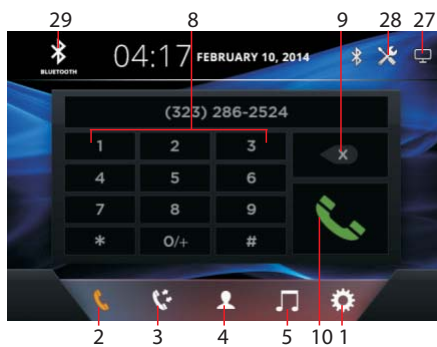
To linkup **BLUETOOTH** connection with the mobile phone, take your phone and follow the steps:

- set the mobile phone to **BLUETOOTH** state
- start to search for a new device
- after search, new device "CAR-KIT", "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

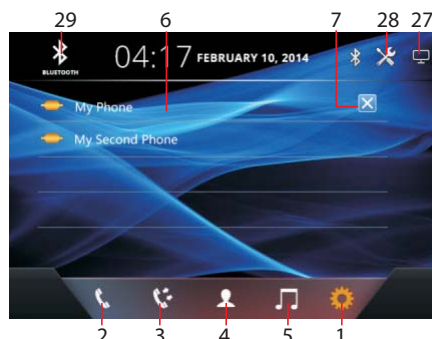
#### BT DEVICE MENU( NO CONNECTION)



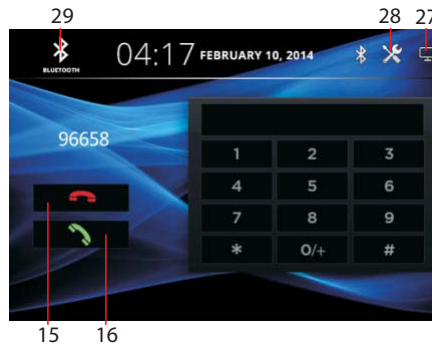
#### BT DIAL MENU



#### BT DEVICE MENU (CONNECTED)



#### BT INCOMING CALL MENU



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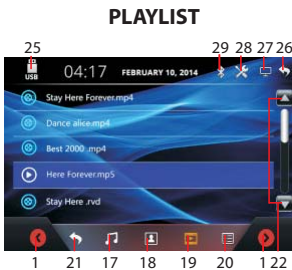
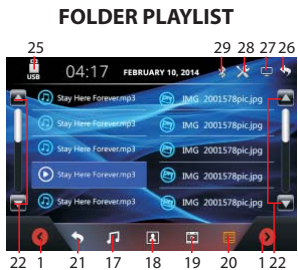
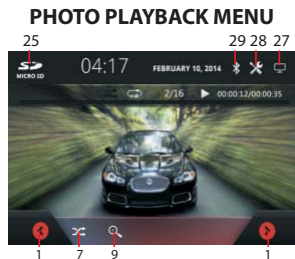
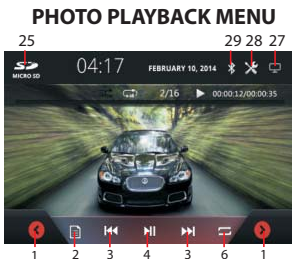
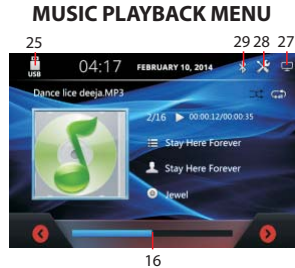
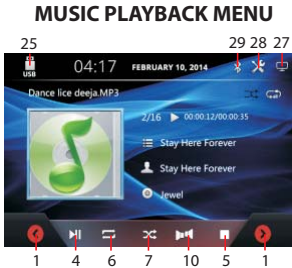
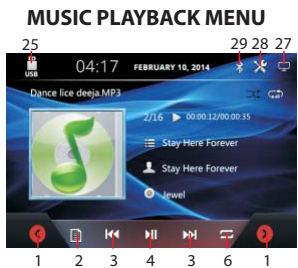
- |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.  | 1 – 6 | <p><u>Radio Mode</u><br/>Press any one of the number keys 1-6 to select a station that had been stored in the preset memory number key 1-6 for broadcasting. Press &amp; hold shortly the number key 1-6 to store the current broadcasting frequency or station into the respective preset memory key number 1-6.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|     | 0 – 9 | <p><u>Disc / USB / SD / iPod Input Mode</u><br/>Press directly to input the number of track for playback.</p> <p><u>BLUETOOTH Mode</u><br/>Press directly to input the phone number for dial out.</p> <p><u>TV Mode</u><br/>Press directly to input the number of channels that have been memorized for broadcasting.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.  | ZOOM  | <p><u>Disc / USB / SD Input Mode</u><br/>At video &amp; photo playback, each time press &amp; hold shortly to select various zooming in and out of the screen for viewing.</p> <p><u>Radio Mode</u><br/>Press to start scanning all the preset stations on memory and stop for a few seconds for broadcasting.<br/>Press &amp; 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.</p> <p><u>TV Mode</u><br/>Press to start scanning all the preset channels on memory and stop for a few seconds for broadcasting.</p> |
|     | Q     | <p><u>Radio Mode</u><br/>Press to start scanning all the preset stations on memory and stop for a few seconds for broadcasting.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 9.  | BND   | <p><u>Radio Mode</u><br/>Press repeatedly to select the desired radio band for broadcasting.</p> <p><u>Disc / USB / SD Input Mode</u><br/>At video playback mode under disc input, press to stop playback.<br/>At music / photo playback mode under disc input and playback mode under USB / SD input, touch to stop playback temporarily and will resume normal playback after a few seconds.</p> <p><u>BLUETOOTH Mode</u><br/>Press to hang up or refuse an incoming call.</p>                                                                                                                                                                                                                                                                                                |
|     | ■     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 10. | RDM   | At disc / USB / SD input playback mode, press & hold shortly to turn on or off random playback of the input device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 11. | INT   | At music playback mode, press & hold shortly to turn on or off intro playback of the input device. (Note: Not available at <b>BLUETOOTH</b> mode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 12. | ▶     | At disc / USB / SD / input & <b>BLUETOOTH</b> mode, press to pause, resume or start playback.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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13. ▲/▼/ </> DVD Mode  
At DVD menu / title display mode, press to select the desired setting/setup and press ENT to confirm/enter.  
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  
At DVD menu / title display mode, press ▲/▼/ </> to select the desired setting/setup and press ENT to confirm/enter.
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)  
TV Mode  
Press to shift TV channel upward or downward for broadcasting.  
Press & hold shortly to shift to the upward or downward channel for broadcasting.  
BLUETOOTH Mode  
Press to shift track upward or downward for playback.
16. REP At playback mode under disc / USB / SD input, each time press & hold shortly to activate various repeat playback settings.
17. ANGLE At video playback mode, each time press & hold shortly to view angle changes in sequential order (available on media files recorded with this features).
18. TITLE Radio Mode  
Press to select stereo (ST) or mono mode at FM radio band. (Note: At stereo mode and when stereo signal received, stereo indicator appeared on screen whereas this is not indication for mono mode and mode signal received)  
DVD Mode  
Press & hold shortly to display the on-screen menu of the entire disc and resume playback after a while.

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 temporarily and resume normal playback 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. At DVD playback mode, touch repeatedly to view the angle changes in sequential order (available for video recorded with multi-angle senses).
9. At video & photo playback mode, touch repeatedly to zoom in and zoom out of the screen for viewing.
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. At DVD playback mode, touch to show the on-screen menu of the disc  
At VCD playback mode, touch to shift PBC on or off. At PBC on mode, touch to start the playback at the beginning in sequence 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.



- Hold & slide to show the hidden operation icons.
- At media playback, touch to activate PLAYLIST / FOLDER PLAYLIST (available for input device recorded with folder) to select folder/ track for playback.  
At DVD playback mode, touch to show the menu of the disc. (Note: Depended on the DVD input, this function may not be operated)  
At VCD playback mode, touch to shift PBC ON or OFF. At PBC on mode, touch to start the playback at the beginning in sequential order.
- Touch to shift to next / previous track for playback.  
At video playback mode, touch & hold shortly to activate fast forward / rewind mode. At this mode you can also repeatedly click fast-forward / rewind to increase playback speed.
- Touch to start, pause or resume playback.

- SUB-T Video Playback Mode  
Each time press & hold shortly to select different subtitles that recorded in the input device or media files. (Note: Available on input device or media files recorded with subtitles)  
Radio Mode  
At FM radio band, press to select local setting for reception of strong signal stations and distant setting for reception of weak signal stations. (Note: LOC appears on screen on local setting whereas no indication for distant setting)
- SLOW  
At video playback mode, press & hold shortly to select different speeds on slow motion playback.
- VOL + / VOL -  
Press repeatedly or press & hold to adjust sound output level.
- 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.
- 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)
-  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.

Remarks: Depending on the input devices & playback media files, operation may be varied or not available for 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:

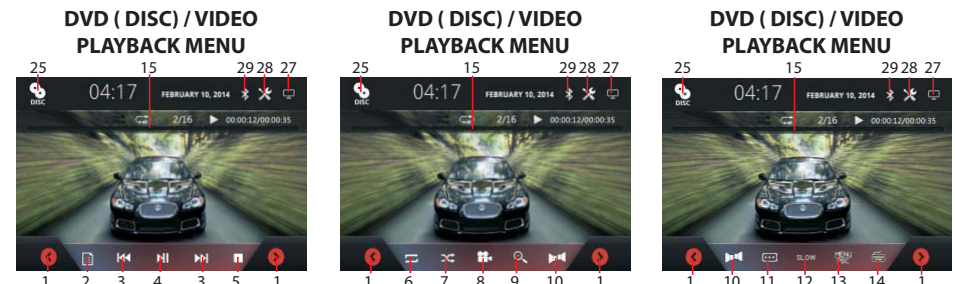


At this brightness mode, the brightness of screen is set by the user (user setting).

2. Touch repeatedly to fine tune radio frequency upward or downward.
3. Touch to tune the radio frequency to upward or downward station for broadcasting.
4. Touch to start into broadcasting of the preset memory stations for a few seconds. Touch again to stop this into broadcasting.
5. 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.
6. 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.
7. Touch to activate the preset memory stations list on screen.
8. Hold & slide to select the radio frequency for broadcasting.
9. 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.
10. Touch to select FM & AM radio band for broadcasting.
11. Touch to turn the screen off. When the screen is turned off, touch any portion of the screen to turn it back on.
12. Touch to activate audio & visual setting for various audio & visual setup.
13. Touch to shift to **BLUETOOTH** mode for **BLUETOOTH** operation.
14. Touch to shift screen to **MAIN MENU**.
15. Touch to close the preset memory stations list on screen.
16. Hold & slide to show the hidden setup modes.

## ON SCREEN - DISC / USB / SD CARD INPUT OPERATION

At **MAIN MENU**, touch "DISC" / "USB" / "CARD" icon on screen to shift to multi-media playback mode and playback will start automatically. Depending on the input device and playback media, the touch screen will show various playback menus for operation.



## VERSION OF UNIT

### VERSION MENU



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

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

### RADIO MENU



### RADIO MENU



### RADIO MENU



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

## 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.



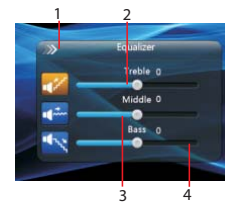
### Preset Equalization Control

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



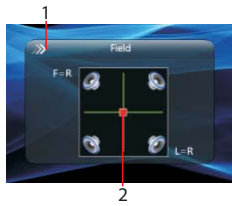
### Loudness Control

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.



#### Balance & Fader Control

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



#### Visual Control

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

## ON SCREEN - SETUP OPERATION

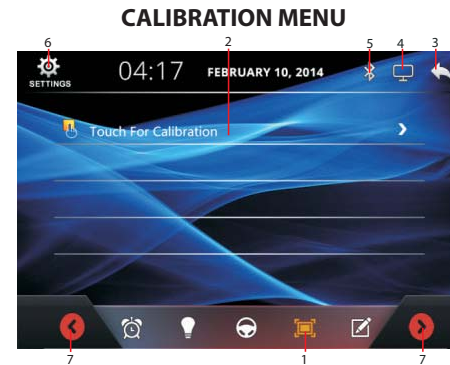
At **MAIN MENU**, touch "SETUP" icon on screen to shift screen to SETUP MENU for various system setup of unit.

### SYSTEM SETUP



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.

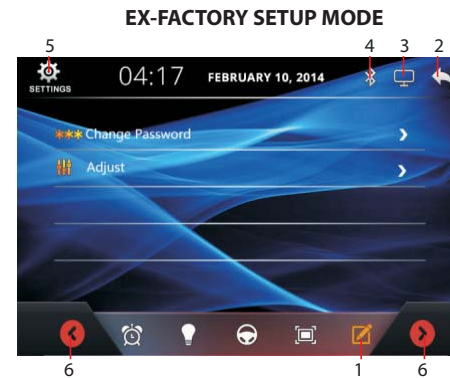
### TOUCH SCREEN CALIBRATION SETUP



1. Touch to shift to CALIBRATION MENU.
2. Touch to activate the TOUCH MENU and start calibration of screen. Follow the instructions and touch 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.
6. Touch to shift screen to MAIN MENU.

7. Hold & slide to show the hidden setup modes.

### 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.

6. Touch to select AUTO MODE for automatic backlight change.
7. When MANUAL MODE selected, touch to active R.B.G. 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. At **R.G.B MENU**, hold & slide to adjust the R/G/B colours.
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 BLUETOO 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.

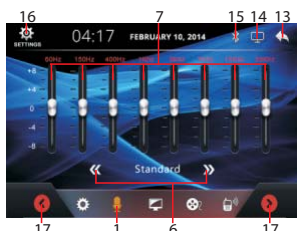
[ 20 ]

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. Touch to turn ON or OFF allowing watching video during driving (when the brake - brown wire has not been connected).
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**.
15. Hold & slide to show the hidden setup modes.



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### EQ MENU



### SURROUND MENU



### BALANCE & FADER MENU



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.

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

### ILLUMINATION BACKLIGHT SETUP

#### AUTO MENU



#### MANUAL MENU



#### PRIMARY MENU



#### MODE MENU



#### ADJUST MENU



#### R.G.B. MENU

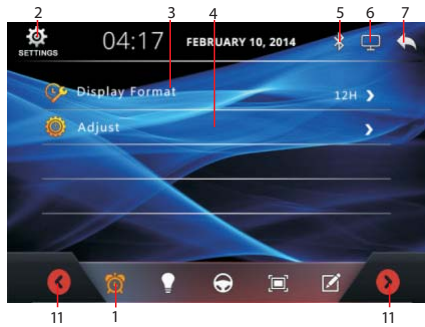


1. Touch to shift to **AUTO MENU / MANUAL MENU / PRIMARY MENU**.
2. Touch to activate **ADJUST MENU** to adjust illumination backlight
3. Touch to activate **MODE MENU** to select illumination mode (auto / manual / primary).
4. Touch to select **MANUAL MODE** for R.G.B. colour setting.
5. When **AUTO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

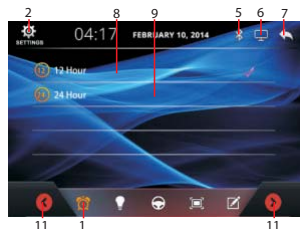
14. Touch for spacing.
15. Touch to confirm the input.
16. Touch to shift to previous page, touch twice to shift to previous operation mode.
17. Touch to turn off the screen. When the screen is turned off, touch any portion of the screen to turn it back on.
18. Touch to shift it to BLUETOOTH mode for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

## CALENDAR & CLOCK SETUP

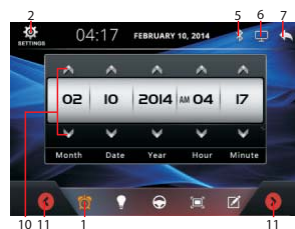
### CALENDAR SETUP MENU



### TIME FORMAT MENU



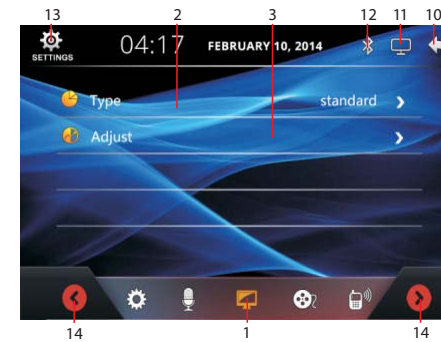
### SETTING MENU



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.

## VISUAL SETUP

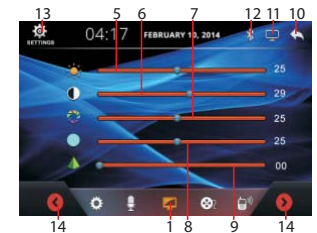
### VISUAL SETUP MENU



### PRESET VISUAL MENU



### CUSTOM VISUAL MENU

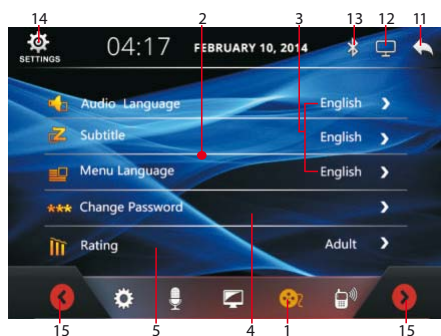


1. Touch to shift to **VISUAL SETUP MENU**.
2. Touch to activate **PRESET VISUAL MENU** for preset visual setting.
3. Touch to activate **CUSTOM VISUAL MENU** for visual setting.
4. Touch to select the desired preset mode of screen.
5. Hold & slide to adjust brightness of screen.
6. Hold & slide to adjust 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 turn 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.



## MEDIA SETUP

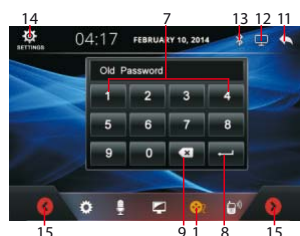
### MEDIA SETUP MENU



### MEDIA SETUP MENU



### KEY BOARD MENU



### SCREEN RATIO MENU



1. Touch to shift to **MEDIA SETUP MENU**
2. Hold & slide to show the hidden setting modes.
3. 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)
4. Touch to activate **KEYBOARD MENU** for password changing. (Default password "0000" or "8888")
5. Touch to activate **KEYBOARD MENU** to input password in order to select rating for video playback. (Default password "0000" or "8888")
6. Touch to activate **SCREEN RATIO MENU** to select aspect ratio of screen for viewing.
7. Touch to input number.
8. Touch to confirm the number input.
9. Touch to erase the digit input by error.
10. Touch to select aspect ratio of screen for viewing.

11. Touch to shift to previous page. Touch twice 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**.

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15. Hold & slide to show the hidden setup modes.

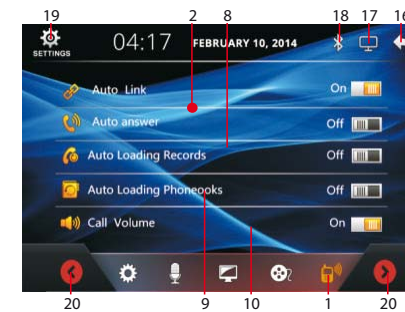
16. Touch to activate **KEYBOARD MENU** to input password or enter to the **REGION INTERFACE** to set for the DVD are code. (Default password "0000" or "8888").

## BLUETOOTH SETUP

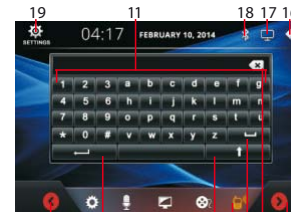
### BLUETOOTH SETUP MENU



### BLUETOOTH SETUP MENU



### KEY BOARD MENU



### PIN CODE MENU



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 "CAR-KIT"; "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.

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