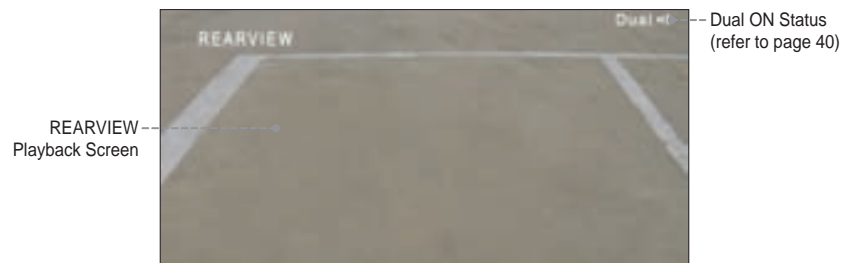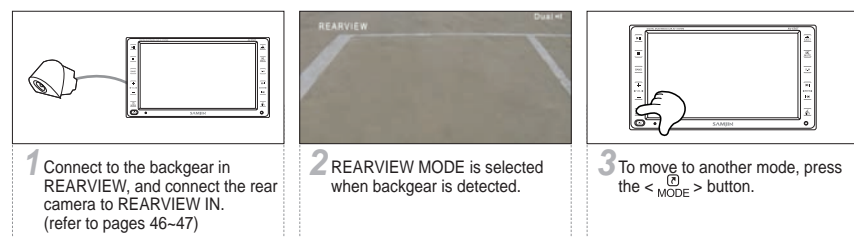# REARVIEW

◉ REARVIEW Main Screen

Operates only when the REARVIEW Cable of the Power & Speaker Cable (16P) is connected to the car.
Converts to REARVIEW MODE when Backgear is detected.

Dual ON Status
(refer to page 40)

REARVIEW
Playback Screen

NOTE

◉ REARVIEW does not operate when ACC is off.

◉ REARVIEW Simple Operation

1 Connect to the backgear in REARVIEW, and connect the rear camera to REARVIEW IN. (refer to pages 46~47)

2 REARVIEW MODE is selected when backgear is detected.

3 To move to another mode, press the < MODE > button.

B/T (BLUETOOTH)

The B/T Function is available only with B/T-enabled mobile phones.
Refer to the Mobile Phone Manual for instructions regarding mobile phone B/T connection. (Default password: 0000)
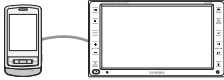
◉ B/T Main Screen

• B/T Function Icons

Icon	Description
PHONE	**PHONE** Select to make calls or enter a telephone number.
P.BOOK	**PHONE BOOK** Use to make call using the PHONE BOOK, or to erase content from the PHONE BOOK.
PAIRING	**PAIRING** Use to try pairing.
▲ ▼	List Up/Down button in PHONE BOOK MODE
Call	**CALL** - Select CALL ICON to connect incoming or outgoing calls. - Use CALL button to switch to an incoming call while a call is in progress. (Can vary according to mobile phone specifications.)
END	**END** Use to end a call.
◆DEL	**DEL** - Use to delete one number at a time when telephone number input errors are made. - Use to delete selected content from the PHONE BOOK.
💾	**SAVE** - Use to save a directly-entered telephone number. - Total of six SAVE functions (SAVE in sequence). - Use to save the number of an incoming call to the PHONE BOOK.

Call Trans	**CALL TRANS**
	Converts answering modes between mobile phone and Bluetooth
	- Default Mode: Bluetooth answering
	  •When answering via mobile phone: Current audio mode maintained on all speakers
	  •When answering via Bluetooth: Call audio is outputted only via the left front, driver-side speaker

B/T (BLUETOOTH)

The B/T Function is available only with B/T-enabled mobile phones.
Refer to the Mobile Phone Manual for instructions regarding mobile phone B/T connection. (Default password: 0000)
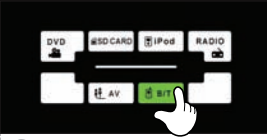
⊙ B/T Simple Operation

1 Connect the mobile phone to the product.
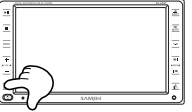
2 Select < MODE >.

3 Select <B/T>.

4 AUTO PAIRING attempts PAIRING for one minute.

5 Use the function buttons to operate.

**6** To move to another mode, press the < MODE > button.

⊙ PAIRING

01 Press the PAIRING button in B/T MODE.

02 The user's mobile phone searches for devices and finds the SJ-AVN.
(Refer to the corresponding manual.)

03 The SJ-AVN is registered. (Default password at registration: 0000)

04 When PAIRING is successfully completed, the icon turns from red ▶ blue. (▶   )
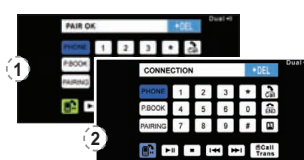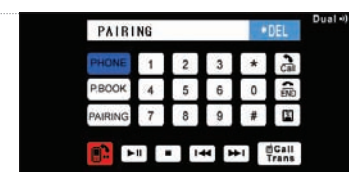

B/T (BLUETOOTH)

⊙ Operation Specification Sequence

01 Convert to B/T MODE.
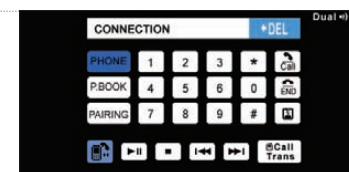
02 AUTO PAIRING attempts PAIRING for one minute.

PAIR SUCCESS
1. Image ① is displayed for one second.
2. The icon changes :   ▶   (changes to blue)
3. Image ② (changes to PHONE MODE)

PAIR FAILURE
1. Image ③ is displayed for one second
2. BLUETOOTH OFF ICON maintained :   (red)

03 PHONE, PHONE BOOK, PAIRING are all available for use.
Even if PAIRING has failed, the user can press the PAIRING button to retry.
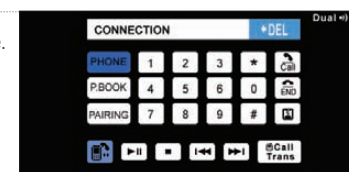
NOTE

◉ Automatic connection whenever ACC is on (connects to most recent paired phone)
◉ Auto connection run whenever power is turned on
Pairing attempted in background even when another mode is run
Mode is maintained if pairing is successful, and pairing is tried continuously for one minute if failed
Failure mode maintained if pairing is tried for more than one minute without success

⊙ B/T Detailed Functions

01 **PHONE [PHONE]**

Select to make calls or enter a telephone number.

- Select the PHONE ICON to bring up the display as sh

- How to make a call:
  · Pressing CALL in the display makes a call to the recently dialed telephone number.
  · Enter a telephone number and press CALL.
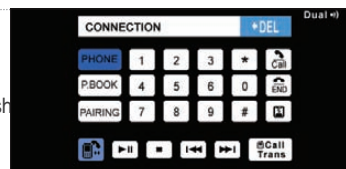   (Use DEL to delete one number at a time when incorrect phone number is inputted.)

- When receiving calls

Current Mode	Operation
BLUETOOTH	·Display as shown ·Call ID Display ·Press the END Icon to end the call when finished.
NON-BLUETOOTH	·Convert to BLUETOOTH MODE to bring up the Display as shown. ·Call ID Display ·Press the END Icon to end the call when finished. ·When the call is ended, the previous mode is selected.

02 **PHONE BOOK [P.BOOK]**

- Use to make a call using the PHONE BOOK, or to erase content from the PHONE BOOK.

- SAVING to the PHONE BOOK

  · Can directly press the number buttons and SAVE
  · Can save up to a total of six (Move via ▲/▼ buttons.)
  · Press the SAVE button during a call to save the currently-connected telephone number.

- ERASING from the PHONE BOOK

  · Select the content to be deleted from the LIST and press the DEL ICON.
  · The next number in the sequence fills the space of the entry that was deleted.
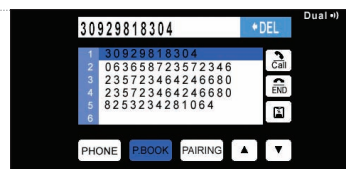
⊙ Mobile Phone MP3 Player Function
The MP3 Player Function is available only when Pairing has been successful.

**01** Mobile Phone MP3 CONTROL when using the Mobile Phone MP3 PLAYER

▶❙❙ : Use to change the icon to .
    Plays MP3 files in the mobile phone in sequence.

■ : When MP3 files are playing, stops play

|◀◀ : When MP3 files are playing, plays the previous file

▶▶| : When MP3 files are playing, plays the next file

Only changes icon below when audio is played

If the MP3 Player stops:

Stops when the MP3 STOP function of the mobile phone is activated.

∗ Due to the differences in MP3 Player functions per different mobile phone manufacturers
∗ When the MP3 Player stops, the icon changes to .
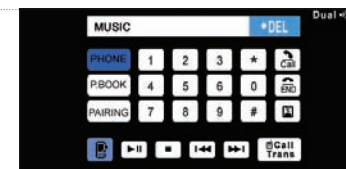
NOTE

◉ When an incoming call is received in another mode, enters B/T MODE, reverts back to the previous mode after the call is ended.
  PRESTOP activated when an incoming call is received during DVD PLAY and converts to B/T MODE, returns to DVD MODE after the call is ended.

◉ In B/T MODE, Audio output is through the Front (driver's side, passenger's side seats)
  Music outputted through all channels after connecting a stereo headset and playing.

◉ Call receiving function not permitted.

◉ Reject calls function:
  When an incoming call is received, the call continues to ring for the counterpart, but the call is not received in B/T MODE. (The phone does not ring.)

B/T (BLUETOOTH)

◉ B/T Side Menu

PLAY / PAUSE	PAIRING Success: Play function for MP3 Player *** Refer to Touch Key specification**
	PAIRING Failure: No Action
STOP	PAIRING Success: Stop function for MP3 Player *** Refer to Touch Key specification**
	PAIRING Failure: No Action
BAND	Enters TUNER MODE
VOL + / -	Automatic disabling of MUTE when MUTE is on
	When adjusting volume, the volume icon display replaces the display of total number of files and music file play time, as shown.
	When Volume OSD is displayed, deletes OSD at bottom • Deletes MP3 ICON in PHONE, PAIRING MODES • Deletes current status button in PHONE BOOK MODE
	When Volume OSD is shown, deletes Volume OSD if the Volume key is not pressed after three seconds. • Displays MP3 ICON in PHONE, PAIRING MODES • Displays PHONE, P BOOK, PAIRING buttons in PHONE BOOK MODE
MODE	Reverts to MAIN MENU *** Refer to FRONT – Remote Control Key specification**
POWER	POWER ON / OFF *** Refer to FRONT – Remote Control Key specification**
EJECT	EJECT Function *** Refer to FRONT – Remote Control Key specification**
MUTE	Master Volume Mute ON/OFF (icon changes between on/off) *** Refer to FRONT – Remote Control Key specification**
S M	Turns SETTING MENU ON/OFF in all modes when S.M. Key is entered
SEEK	PAIRING Success: Prev Function for MP3 Player *** Refer to Touch Key specification**
	PAIRING Failure: No Action
	PAIRING Success: Next Function for MP3 Player *** Refer to Touch Key specification**
	PAIRING Failure: No Action
TILT	FRONT ANGLE up/down *** Refer to FRONT – Remote Control Key specification**

Setting

◉ DISPLAY Setting Procedure

Setting: Can run the DISPLAY, AUDIO, ETC. menus.
Press [①: Product's <S.M.> ▶ ②: LCD Screen's <DISPLAY>] to run the DISPLAY Setting menu.

EXIT
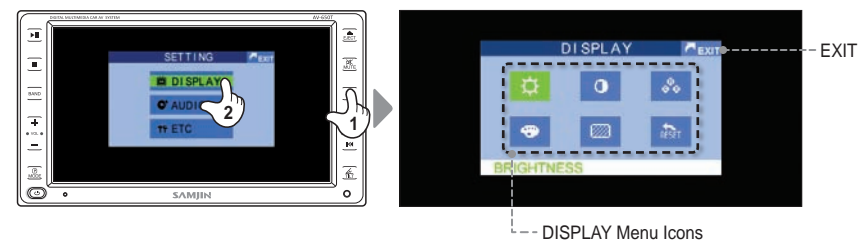
DISPLAY Menu Icons

• DISPLAY Menu Icons

	Contrast	Adjusts screen contrast
	Brightness	Adjusts screen brightness
	Color	Adjusts screen color
	Hue	Adjusts screen hue
	Sharpness	Adjusts screen sharpness
	Reset	Resets DISPLAY menu settings (DEFAULT SETTING)

⊙ DISPLAY Settings

01 **Contrast [⚙]** DEFAULT : 50

Adjusts screen contrast.

Can set from <0 ~ 100>.

◀ : Reduce Setting   ▶ : Increase Setting

EXIT : EXIT

02 **Brightness [◐]** DEFAULT : 50

Adjusts screen brightness.

Can set from <0 ~ 100>.

◀ : Reduce Setting   ▶ : Increase Setting

EXIT : EXIT
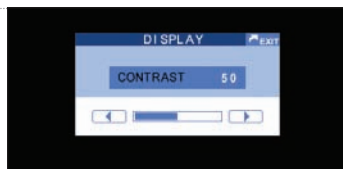
03 **Color [⬡]** DEFAULT : 50

Adjusts screen color.

Can set from <0 ~ 100>.

◀ : Reduce Setting   ▶ : Increase Setting

EXIT : EXIT

04 **Hue [👁]** DEFAULT : 50

Adjusts screen hue.

Can set from <0 ~ 100>.

◀ : Reduce Setting   ▶ : Increase Setting

EXIT : EXIT
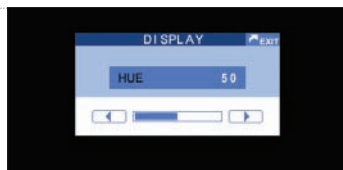
05 **Sharpness [▦]** DEFAULT : 0

Adjusts screen sharpness.

Can set from <0 ~ 100>.

◀ : Reduce Setting   ▶ : Increase Setting

EXIT : EXIT

06 **Reset [↺]**

Resets DISPLAY menu settings to default.

Closes Setting menu after setting.

⊙ AUDIO Setting Procedure

Setting: Can run the DISPLAY, AUDIO, ETC. menus.

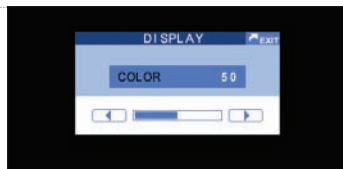Press [①: Product's <S.M.> ▶ ②: LCD Screen's <AUDIO>] to run the DISPLAY Setting menu.

EXIT

AUDIO Menu Icons

• AUDIO Menu Icons
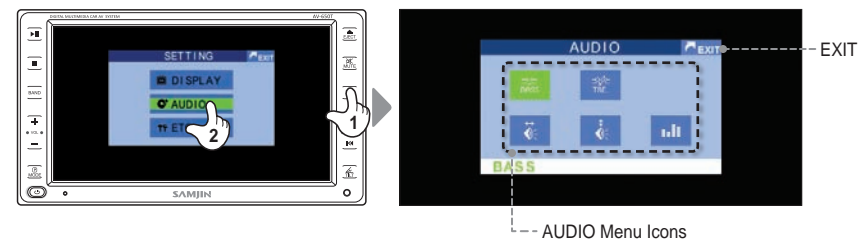
Icon	Name	Description
BASS	**BASS**	Adjusts bass
TRE	**TREBLE**	Adjusts treble
⬌	**BALANCE**	Adjusts left and right volume
⬍	**FADER**	Adjusts start and end volume
▥	**EQUALIZER**	Can set the EQUALIZER to STANDARD, ROCK, JAZZ, POP, or CLASSIC.

⊙ AUDIO Settings

AUDIO SETTING is applied in real time.

01 **BASS [ ]**   DEFAULT : 0

Adjusts bass.

Can set from <-10 ~ 0 ~ +10>.

◀ : Reduce Setting   ▶ : Increase Setting
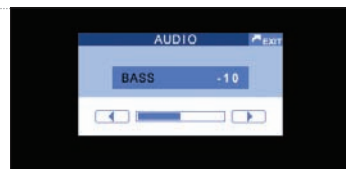
EXIT : EXIT

02 **TREBLE [ ]**   DEFAULT : 0

Adjusts treble.

Can set from <-10 ~ 0 ~ +10>.

◀ : Reduce Setting   ▶ : Increase Setting

EXIT : EXIT

03 **BALANCE [ ]**   DEFAULT : L=R

Adjusts left and right volume.

Can set from <-10 ~ 0 ~ +10>.

L▶◀ : Reduce Setting   ▶◀R : Increase Setting
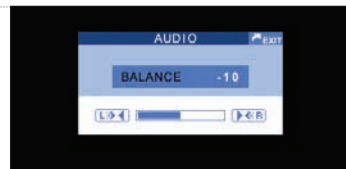
EXIT : EXIT

04 **FADER [ ]**   DEFAULT : F=R

Adjusts start and end volume.

Can set from <-10 ~ 0 ~ +10>.

R▶◀ : Reduce Setting   ▶◀F : Increase Setting

EXIT : EXIT
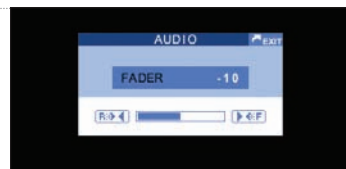
05 **EQ (EQUALIZER) [ ]**   DEFAULT : STANDARD

Can set to the desired sound EQUALIZER.

Cycles through sequence of STANDARD, ROCK, JAZZ, POP, and CLASSIC.

* No matter the EQ MODE, if BASS, MIDDLE, and/or TREBLE are changed, the EQ is set to STANDARD MODE, and the USER–defined settings are applied.
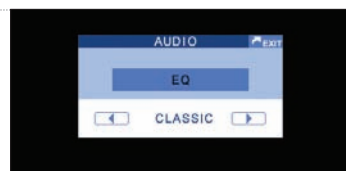
⊙ ETC. Setting Procedure

Setting: Can run the DISPLAY, AUDIO, ETC. menus.
Press [①: Product's <S.M.> ▶ ②: LCD Screen's <ETC>] to run the DISPLAY Setting menu.

EXIT
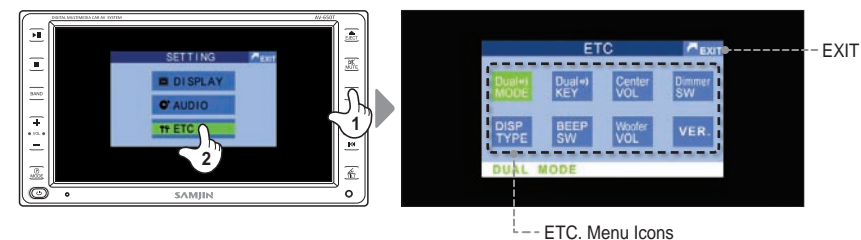
ETC. Menu Icons

• ETC. Menu Icons

Dual◀》MODE	**DUAL ZONE** Sets to DUAL ZONE ON/OFF
Dual◀》KEY	**DUAL KEY** Sets Side Key for DUAL ZONE use or non-use
Center VOL	**Center VOL** Adjusts center speaker volume
Dimmer SW	**Dimmer SW** Sets to Automatic Screen Brightness ON/OFF
DISP TYPE	**DISP TYPE** Sets the screen size mode
BEEP SW	**BEEP** Sets to BEEP ON/OFF
Woofer VOL	**Woofer Vol** Sets to Woofer Volume ON/OFF and adjusts volume
VER.	**VERSION** Displays versions of various applications and firmware

⊙ ETC Settings

01 **DUAL ZONE [﹝Dual+1 MODE﹞]**   DEFAULT : OFF

Sets to DUAL ZONE ON/OFF.

ON : The DVD runs even when switched to another mode.
       (Note, this is only when the product Disc or SD Card is present.)
OFF: When switching to another mode from DVD MODE,
       conversion is done after the DVD is closed.

﹝EXIT﹞ : EXIT
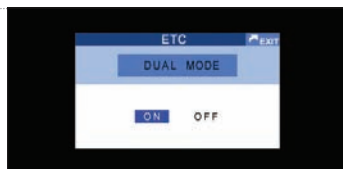
02 **DUAL KEY [﹝Dual+1 KEY﹞]**   DEFAULT : OFF

Sets Function icons to DUAL ZONE ON/OFF

Allows passengers in the back seat to use the Function icons
on the Monitor.

﹝EXIT﹞ : EXIT
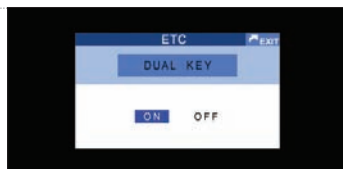
03 **Center VOL [﹝Center VOL﹞]**   DEFAULT : 10

Adjusts center speaker volume.

Can set from <0 ~ 15>.

﹝◀﹞ : Reduce Setting   **﹝▶﹞** : Increase Setting
﹝EXIT﹞ : EXIT
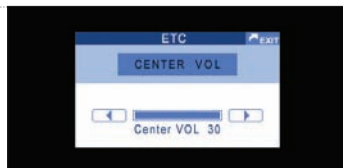
04 **Dimmer SW [﹝Dimmer SW﹞]**   DEFAULT : OFF

Sets to Automatic Screen Brightness ON/OFF.

﹝EXIT﹞ : EXIT
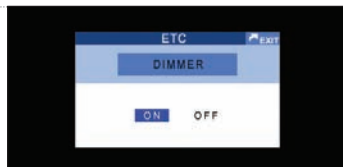
05 **DISP TYPE [﹝DISP TYPE﹞]**   DEFAULT : WIDE

Adjusts video resolution displayed on the monitor.
Can set to <NORMAL, WIDE, or FULL>.

﹝EXIT﹞ : EXIT

06 **BEEP [﹝BEEP SW﹞]**   DEFAULT : OFF

Sets button sound to ON/OFF

﹝EXIT﹞ : EXIT

---
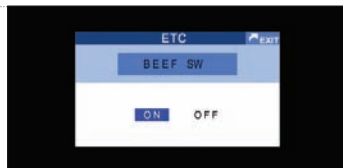
07 **Woofer Vol [﹝Woofer VOL﹞]**   DEFAULT : OFF

Sets to Woofer Volume ON/OFF (OFF shown).

﹝EXIT﹞ : EXIT
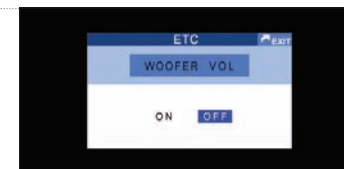
DEFAULT : 10

If Woofer Volume is on: Adjusts volume

﹝◀﹞ : Reduce Setting   **﹝▶﹞** : Increase Setting
﹝EXIT﹞ : EXIT
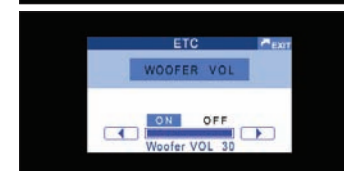
08 **VERSION [﹝VER.﹞]**

Displays versions of various applications and firmware.

﹝EXIT﹞ : EXIT

⊙ Installation Procedure

1 To prevent a short circuit, remove the key from the ignition and disconnect the negative post (–) battery.
2 Make the proper input and output wire connections for each unit.
3 Connect the speaker wires of the wiring harness.
4 Connect the wiring harness wires in the following order: ground, battery, ignition.
5 Connect the wiring harness connector to the unit.
6 Install the unit in your car.
7 Reconnect the negative post (–) battery.
8 Press the hardware reset button.H

⚠ WARNING

● Do not connect the ignition wire and the battery wire 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 and the battery wire.
The power supply must be connected to the wires via the fuse.
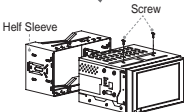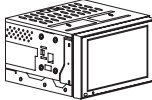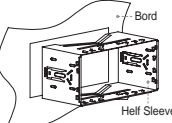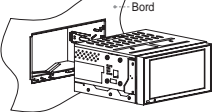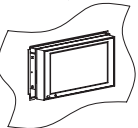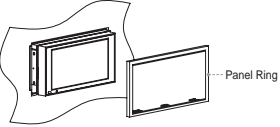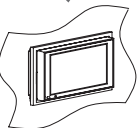
⚠ CAUTION

● If your car's ignition does not have an ACC position, connect the ignition wires to a power source that can be turned on and off with the ignition key.
If you connect the ignition wire to a power source with a constant voltage supply, as with battery wires, the battery may die.

● If the console has a lid, make sure to install the unit so that the faceplate will not hit the lid when closing and opening If the fuse blows, first make sure the wires aren't touching to cause a short circuit, then replace the old fuse with one with the same rating.

● Insulate unconnected wires with vinyl tape or other similar material. To prevent al short circuit, do not remove the caps on the ends of the unconnected wires or the terminals.

● Connect the speaker wires correctly to the terminals to which they correspond. The unit may be damaged or fail to work if you share the "-" wires or ground them to any metal part in the car.

● When only two speakers are being connected to the system. Connect the connectors either to both the front output terminals or to both the rear output terminals (do mot mix front and rear).

● For example, if you connect the "+ " connector of the left speaker to a front ouput terminal, do not connect the - connector to a rear ouput terminal.

● After the unit is installed, check wheather the brake lamps, blinkers, wipers, etc. on the car are working properly.

● Mount the unit so that the mounting angle is 30' or less.

⊙ How to install

01

01 Unpack the GIFT BOX.

Half Sleeve   Screw

02 Detach the unit from the Half Sleeve.

03 Remove the safety screw for Transporting which is on the top of the unit.
  ∗ Transporting which is on the top of the unit.

Bord

Helf Sleeve

04 Front dash board

05 Source the half sleeve by bending the metal Tabs. downward

Bord

06 Insert the into Dash Board.

07 Set installed

Panel Ring

08 Insert the 'Panel Ring' into the slot between Dash board and set.

09 Installation is finished.

How to install
02

01 Unpack the GIFT BOX.

Helf Sleeve   Screw

02 Detach the unit from the Half Sleeve.

03 Remove the safety screw for Transporting which is on the top of the unit.

Screw : P/H M5.0mm X 8.0mm 8ea

04 Screw a not provided to the right and left side of the set.

Bord

Bracket Screw

05 Screw the Dash board.

06 Set installed

Panel Ring

07 Insert the 'Panel Ring' into the slot between Dash board and set.

08 Installation is finished.

How to disassemble
01

Bord   Panel Ring

Bord   Set Key

01 Detach the 'Panel Ring' from the front panel.

Bord   Set Key

Bord

Set Key

02 Insert the 'Set Key' into the slot between dash board and of the both side of the unit, left and right.

03 Insert the 'Set Key' deeply into the centerslot of left and right hand side of the unit.

04 Insert the 'Set Key' deeply into the centerslot of left and right hand side of the unit.

02

Bord   Panel Ring

Bord

Screw

01 Detach the 'Panel Ring' from the front panel.

Bord

Screw

Bord

02 Unscrew the form dash board.

03 Unscrew the bracket from the left hand side and right hand side of the unit.

04 Detach the set key from the dash board at the same time

⊙ OUTPUT connection

VCC Connection & Speaker

Terminal	Wire Color	Connection
Front Left ⊕	White	Front Left Speaker
Front Left ⊖	White / Black	
Front Right ⊕	Gray	Front Right Speaker
Front Right ⊖	Gray / Black	
Rear Left ⊕	Green	Rear Left Speaker
Rear Left ⊖	Green / Black	
Rear Right ⊕	Dark Blue	Rear Right Speaker
Rear Right ⊖	Dark Blue / Black	
Remote	Sky blue	To external AMP controller
Rear View	Pink	To Reverse Trigger Positive (+)
P- ANT	Blue	To FM ANT(ON/OFF Control)
ILL	Brown	To Illuminating (+)
Battery	Yellow	To Battery (+)
ACC	Red	To Acc (+)
GND	Black	To Ground (-)
Parking	Orange	To Parking (-)

Fuse (20A)

VCC Connection & Speaker

A/V IN-OUT Connection

Preout Connection

External Ass'y

AUX 1
- AVI (Yellow)
- Audio Right Input (Red)
- Audio Left Input (White)

AV 3 (Rearview)
- Video In (Yellow)

Optcial Out
- Optical Out (Green)

Tel Mute
- Tel Mute In (Green)

DVD - Out
- DVD Video Out (Yellow)
- DVD Audio Right Out (Red)
- DVD Audio Left Out (White)

Pre - Out Front
- Front Left (White)
- Front Right (Red)

Pre - Out Rear
- Rear Left (White)
- Rear Right (Red)

Pre Out
- Woofer (Green)

IR REPEAT

I-POD

RADIO ANT

MIC

8P OPTION

TV ANT

XM

XM RCA PLUG(RED)

XM RCA PLUG(WHITE)

Glossary

Turning Power ON

A type of disc which contains recording of audio/video packaged media with high video and audio quality, such as a movie, featuring large recording capacity and digital signal processing capability.

VCD: VIDEO CD

A type of CD which contains the recording of moving images. It compresses image information by about 1/120 and audio information by about 1/6 and accommodates up to 74 minutes of recording in a disc with the same diameter as ordinary music CD of 12 cm.
Some VCDs do not have the P.B.C. compatibility and are capable of playback only, while some are P.B.C. compatible and are capable of various special play back control operations. This player can play both of these VCDs.

MPEG: Moving Picture Experts Group

This is an international standard for digital video and audio compression and decompression in media.

Dolby Digital

This is a digital audio compression technology developed by Dolby Laboratories. It is compatible with 5.1-channel surround audio as well as normal stereo (2-channel) audio and can accommodate a large amount of audio data efficiently in a disc.

DTS

Name of a digital surround system developed by Digital Theater Systems, Inc.

Top menu/menu (DVD)

Some DVDs display more than one title in a screen. This screen is referred to as the top menu.
The menu is the item display (menu screen) for use in setting operations. The menu can be recalled and time during play back to perform settings according to the current software, including the audio switching between Dolby Digital and PCM, switching of language used in the subtitles and spoken voice.

Title number (DVD)

The title is the largest unit of video and audio recorded in a DVD. It usually corresponds to a single movie of video software or an album (sometimes a piece of music) of music software. The numbers assigned to individual title are referred to as the title numbers.

Chapter number (DVD)

The chapter is a section of video and audio recorded in a DVD. A tile is composed of several chapters.
The numbers assigned to individual chapters are referred to as the chapter numbers.

Subtitle (DVD)

Some DVD discs contains the recording of more than one subtitle language. This player allows you to select one of the recorded subtitle languages during playback.

Track number (CD, VCD)

A track is also a section of video and audio recorded in a disc. The numbers assigned to individual tracks are referred to as the track numbers. With most of music CDs, a track is assigned to a piece of music. However, with a VDC, the sections of the contents do not always correspond to the assigned tracks. As (special) playback functions such as skipping and programming of ordinary CDs are based on track number data, such playback functions are sometimes impossible with some VCDs.

P.B.C.: Play-Back Control (VCD)

When a VIDEO CD carries "Play Back Control capable" or similar message on the disc or jacket, desired scenes and information can be played back in an interactive manner using a hierarchical structure while viewing the menu screens displayed on the TV screen.

SRS CS II (Circle Surround II)

Circle Surround II improves on its predecessor Circle Surround (CS5.1) by enabling you to experience powerful multi-channel surround sound playback from mono, stereo or Dolby surround encoded audio and video sources.
With SRS CS II you can also listen to audio CDs, television and radio broadcasts in full surround sound. You will discover a new type of sound experience through SRS CS II.

Troubleshooting Guide

What might appear to be a malfunction in your unit may just be the result of slight misoperation or misfiring. Before calling service, first check the following table for possible problems.

⊙ General

The power does not turn on.

☞ The fuse has blown.
After checking for short circuits in the wires, replace the fuse with one having the same rating.

☞ The speaker wire has a short-circuit or touches the chassis of the vehicle, and then the protection function is activated.
Wire or insulate the speaker cable properly and press the reset button.

Nothing happens when the buttons are pressed.

☞ The computer chip in the unit is not functioning normally.
Press the reset button on the unit.

No television/video image appears.

☞ The unit is not connected to the parking brake detection switch.
Make proper connections according to <INSTALLATION >

☞ The unit is not connected to the parking brake detection switch.
For safety reasons no television/video images are displayed while the vehicle is moving.
Engaging the parking brake will cause images to be displayed.

The screen is dark.

☞ The unit is in a location where temperature is low.
If the temperature of the monitor unit drops, the screen may appear darker when power is first turned on due to the characteristic of a liquid crystal panel. Wait a while after turning power on for the temperature to rise. Normal brightness will return.

The screen does not darken when the vehicle's lights are turned on.

☞ The unit is set to auto dimmer.
When the unit is set to auto dimmer, it is not linked to the vehicle's light switch.

AM/FM radio reception is poor and/or there is noise.

☞ The TV antenna and vehicle's radio antenna are too close.
Separate the two antennas as possible.
Turn Off the main unit.

The remote controller does not operate.

☞ The remote control mode selector is not set correctly.
Switch the remote control mode selector according to the source you select page 8.

No sound can be heard, or the volume is low.

☞ The fader or balance settings are set all the way to one side.
Reset the fader and/or balance settings.

☞ The input/output wires or wiring harness are connected incorrectly.
Reconnect the input/output wires or the wiring harness correctly.
See the section on<INSTALLATION>

The sound quality is poor or distorted.

☞ One of the speaker wires is being pinched by a screw in the car.
Check the speaker wiring.

☞ The speakers are not wired correctly.
Reconnect the speaker wired so that each output terminal is connected to a different speaker.

Radio reception is poor.

☞ The car antenna is not extended.
Pull the antenna out all the way.

☞ The antenna control wire is not connected.
Connect the wire correctly, referring to the section on <INSTALLATION>

The memory is erased when the ignition is turned off.

☞ The battery wire has not been connected to the proper terminal.
Connect the wire correctly, referring to the section on <INSTALLATION>

☞ The ignition and battery wire are incorrectly connected.
Connect the wire correctly, referring to the section on <INSTALLATION>

The sound/picture skips on a DVD/VCD/CD.

☞ The disc is scratched or dirty.
Clean the disc, referring to the section on disk cleaning.

A track will not play.

☞ Random play has been selected.
Turn off random play.

A VCD cannot be played using menus.

☞ The VCD disc being played is not compatible with P.B.C..
Menu playback is available only with VCD discs recorded with P.B.C..

The subtitle is not displayed.

☞ The DVD disc being played does not contain the recording of subtitles.

☞ The subtitle cannot be displayed when the DVD disc being played does not contain the recording of subtitles.

The voice (or subtitle) language cannot be changed.

☞ The DVD disc being played does not contain the recording of more than one audio (or subtitle) language.

☞ The voices (or subtitle) language cannot be changed when the DVD disc being played does not contain the recording of more than one voice (or subtitle) language.

The viewing angle cannot be changed.

☞ The DVD disc being played does not contain the recording of more than one angle.
The viewing angle cannot be changed when the DVD disc being played does not contain the recording of more than one angle.

☞ You are attempting to switch the angle in a DVD section where more than one angle is not recorded.
More than one viewing angle may be recorded only in limited sections in a disc.

Playback will not start even after a title is selected.

☞ A viewing restriction (RATING) has been set for the disc.
Check the viewing restriction level (RATING) setting.

The voice or subtitle language selected in the initial setting is not played.

☞ The DVD disc being played does not contain the recording of the selected voice or subtitle language.
Use a DVD disc containing the recording of the selected voice or subtitle language.

⊙ Disc source

The specified disc does not play, but another one plays instead.

☞ The specified CD is quite dirty.
Clean the CD.

☞ The CD is upside-down.
Load the CD with the labeled side up.

☞ The disc is loaded in a different slot from that specified.
Eject the disc magazine and check the number for the specified disc.

☞ The disc is severely scratched.
Try another disc instead.

The sound skips.

☞ The CD is scratched or dirty.
If skipping happens at the same place when the car is stopped, something with the CD is wrong.
Clean the CD.

The specified track will not play.

☞ Random play or magazine random play has been selected.
Turn off random play or magazine random play.

Cannot remove disc.

☞ The cause is that more than 10 minutes has elapsed since the vehicle ACC switch was turned OFF.
The disc can only be removed within 10 minutes of the ACC switch being turned OFF.
If more than 10 minutes has elapsed, turn the ACC switch ON again press the Eject button.

⊙ MP3/WMA source

Cannot play an MP3/WMA,

☞ The media is scratched or dirty.
Clean the media, referring to the Disc cleaning of the section on.

The sound skips when an MP3/WMA is being played.

☞ The media is scratched or dirty.
Clean the media, referring to the Disc cleaning of the section on.

☞ The recording condition is bad.
Record the media again or use another media.

The MP3/WMA track time is not displayed correctly.

☞ Record in conformity with the ID3 tag version 1.x. Also, the display may be incorrect if an MP3/WMA file uses the ID3 tag v1.x standard and if this standard has been expanded after production of the machine software.

TROUBLE	CORRECTIVE ACTION
No Power	Check that DC power cable is connected properly.
No Picture	1. Make sure that the equipment is connected properly. 2. Check that the connected monitor is turned on.
Stopped picture	1. Check that the video cable is connected. 2. Check that the monitor is turned on.
The playback picture is poor.	Clean the disc
No color.	Adjust the video system by changing TV output mode (AUTO, PAL, NTSC)
The remote control doesn't work properly.	Remove any obstacles between the remote controller and remote control sensor of the unit. Operate the remote control at a closer distance to the unit.
ERROR-DISC is displayed on the screen.	1. Turn the power off, then turn it on. 2. Turn the power off, disconnect the power plug, then reconnect it.
ERROR-DISC Check Regional Code is displayed on the screen.	Check in which redion the DVD Disc can be played. The DVD Disc is not available of the region code of the DVD Disc is not in conformity to the one of the unit.
No function with the remote control.	Check the batteries and make sure that the batteries are fresh & new, or have enough battery life.
Unable to insert Disc.	1. Check if the protection screw was removed before installation of the unit. (Only at the first insertion after installation.) 2. Pull out Disc and wait for 3 seconds, and insert Disc again.
No Function With all buttons on the unit & remote control.	Press the Hard Reset Key.
Check Point.	When a disc is brought from a cold environment to a hot one, there may be steam on the face of the disc, or water will appear on the pickup lens. it will affect the play. 1. Remove the disc from the DVD player. 2. Turn on the power and leave it on for an hour to vaporise the condensation.
Unable to play Bluetooth	Check the user's mobile phone.
Unable to play IPOD	Check that the IPOD cable is connected.

Specifications · · · · · · ·

DVD&Monitor	Video display system	NTSC (PAL available)
	Display Screen	TFT-LCD 16:9 Aspect Ratio
	Element	TFT-LCD / Active Matrix
	Format	480(W) X 234(H) X 3
	Back Light	CCFL
	Audio Input Level	2.0 Vrms(max)
	Audio Output Level	800mV(Fixed)
	Video Input/Output Level	1+_ 0.1Vp-p (75 ohms)
	Video/Signal to Noise Ratio	60 dB
	CD Dynamic Range	93dB (at 1kHz)
	CD Frequency Response	20Hz - 20kHz (±1dB)
	Channel Separation	-80dB or More
	DAC Resolution	24 Bit (Max)
	DVD Dynamic Range	90dB (at 1kHz)
	DVD Freq. Response(48kHz Sampling)	20Hz - 22kHz (±1dB)
	DVD Freq. Response(96kHz Sampling)	20Hz - 44kHz (±1dB)
	Total Harmonic Distortion(THD)	Less than 0.2% (1KHz, 2V rms)
	EMC (FCC Class B)	-3dB Margin
	Shock Proof	All band 1G or More
	Operating Temperature	-20'C to +70'C
	Storage Temp.	-40'C to +85'C
	Power Requirement	11 - 16 Volts DC

FCC (Federal Communications Commission) · · · · · · ·

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:

* Reposition 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.

Modifications not expressly approved by the manufacturer could void the user's authority to operated the equipment under FCC rules.

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