



RDD 843BT

INSTALLATION MANUAL

Warnings

▶ When Driving

Keep the volume level low enough to aware of the road and traffic conditions.

▶ When Car Washing

Do not expose the product to water or excessive moisture. This could cause electrical shorts, fire or other damage.

⚠ CAUTION

In order to avoid any accident, the driver must not watch video while driving. This unit is designed to not allow watching video while driving. Park your car in a safe place and engage the 'parking brake' before watching video.

▶ When Parked

Parking in direct sunlight can produce very high temperatures inside your vehicle. Give the interior a chance to cool down before starting playback.

▶ Use the Proper Power Supply

This product is designed to operate with a 12 volt DC, negative ground battery system (the regular system in a North American car).

▶ Protect the Disc Mechanism

Avoid inserting any foreign objects into the slot of this player. Failure to follow this may cause malfunction or permanent damage due to the precise mechanism of this unit.

⚠ CAUTION

THIS MOBILE DVD PLAYER IS A CLASS I LASER PRODUCT. THIS UNIT USES A VISIBLE/INVISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION IF EXPOSED DIRECTLY. BE SURE TO OPERATE THE MOBILE DVD PLAYER CORRECTLY AS INSTRUCTED.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR BY YOURSELF PLEASE REFER SERVICING TO A QUALIFIED TECHNICIAN.

NOTE

- To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.
- To reduce the risk of fire or electric shock, and annoying interference, use only the recommended accessories.
- This device is intended for continuous operation.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. Patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Installation

▲ INSTALLATION CAUTION

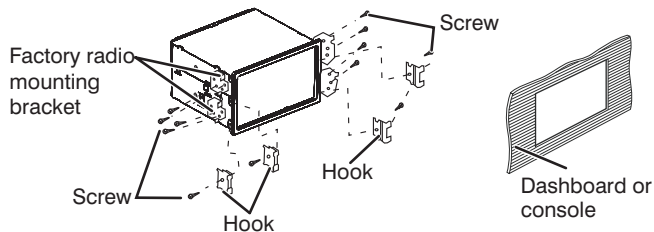
1. Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and system work properly.
2. Use only the parts included with the unit to ensure proper installation. The use of un-authorized parts can cause mal functions.
3. Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
4. Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.
5. If installation angle exceeds 30° from horizontal, the unit might not give its optimum performance.



6. Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from heater, or where it would be subject to dust dirt or excessive vibration.

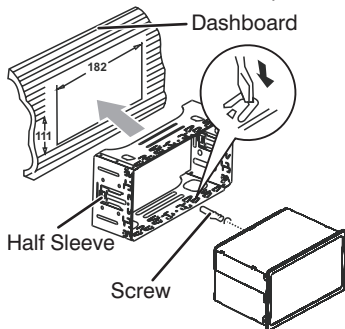
► Installation using the screw holes on the side of the unit

Select a position where the screw holes of the bracket and the screw holes of the main unit become aligned (are fitted) and tighten the screws at 2 places on each side.

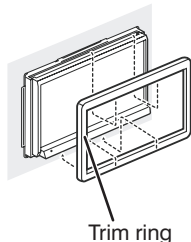


► Installation with the half sleeve

After inserting the half sleeve into the dashboard, select the appropriate tab according to the thickness of the dashboard material and bend them inwards to secure the holder in place.

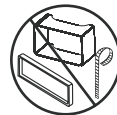


Attach the trim ring



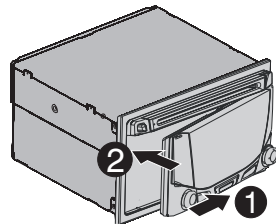
NOTE

- The outer trim ring, and half-sleeve are not used for this installation.
- The mounting box, metal half-sleeve, hook & screws are not included in the packing.



► Attached the Front Panel

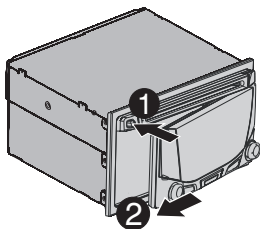
To attach the front panel back to the unit chassis, please insert the right side of the panel in the chassis until it is correctly engaged. Press the left side of the panel until the mechanism locks it into place.



Installation

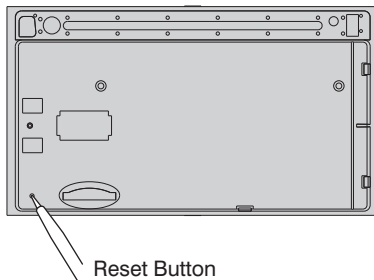
► Detach the Front Panel

Press the REL button on the front panel to release the panel, and push the left side of the panel rightward, then pull the panel towards you to disengage it from the chassis.

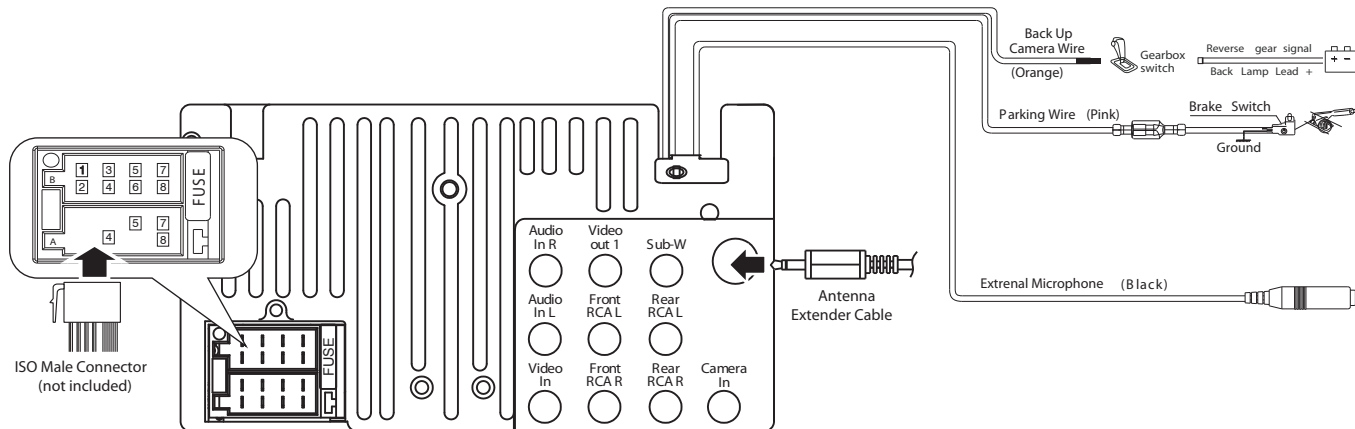


► Resetting the unit

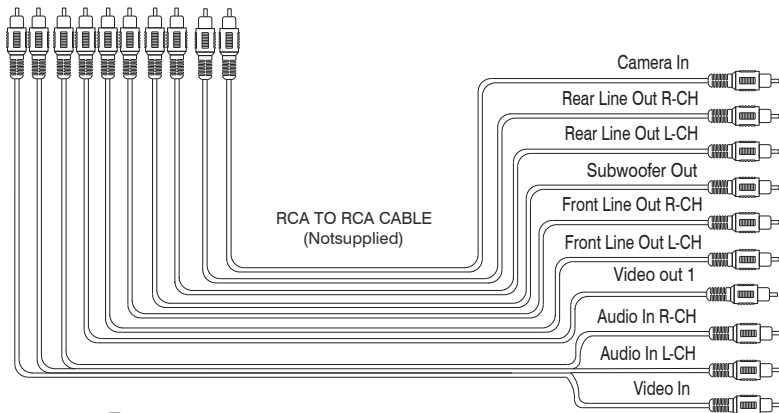
After releasing the front panel, use a stick or any non-metallic object to press & hold the reset button for five seconds to reset the unit.



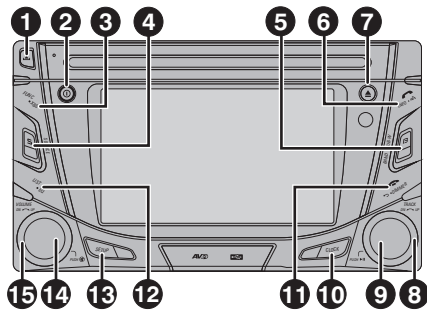
Connecting the System



PIN	WIRE COL	OR	FUNCTION/LABEL
A4	YELLOW		BATTERY(+)
A5	BLUE		CONNECT TO SYSTEM CONTROL TERMINAL OF THE POWER AMP OR AUTO ANTENNA RELACONTROL TERMINAL (max 150mA 12VDC)
A7	RED		IGNITION (ACC)
A8	BLACK		GROUND
B1	VIOLET		RIGHT REAR SPEAKER (+)
B2	VIOLET/BLACK		RIGHT REAR SPEAKER (-)
B3	GREY		RIGHT FRONT SPEAKER (+)
B4	GREY/BLACK		RIGHT FRONT SPEAKER (-)
B5	WHITE		LEFT FRONT SPEAKER (+)
B6	WHITE/BLACK		LEFT FRONT SPEAKER (-)
B7	GREEN		LEFT REAR SPEAKER (+)
B8	GREEN/BLACK		LEFT REAR SPEAKER (-)



Overview Of The Main Unit



1 Release

- Press to detach the front panel.

2 Power

- Press to turn the unit on, press and hold turn the unit off.

3 FUNC/XBS

- Press this button enter into the function mode.
- Hold & press this button to turn on or off the Bass booster function

4 Source

- Press this button to select different source playback mode:
TUNER / DISC / USB / SD CARD / AV1-IN / BT AUDIO / TV

5 BAND/SUB-W

- Under Radio mode, press to change between BAND FM1, FM2, FM3, AM1 (MW1) or AM2 (MW2).
- Hold & press to enter into the Subwoofer setting mode.

6 INFO

- Under the Bluetooth Handfree mode, press to answer an incoming call. Hold & press to enter into call Transfer back to Mobile Phone.
- Under DVD playback mode, press repeatedly to view play information: Title--->Chapter--->Play time

7 Eject

- Press this button to eject the Disc.

8 Track Up/Down

- Under Radio mode, turn these buttons to enter into the Auto Seek mode, turn and hold to enter into the Manual Seek mode.
- Under Media playback mode, turn to skip a chapter/track/scene/file.
- Under Media playback mode, turn and hold momentarily to fast forward /backward.

9 Pause

- Under Media playback mode, press to Pause/ Resume Play the music.

10 Clock

- Press to view the Clock, press again to return to previous mode.

11 DIMMER

- Under the Bluetooth Handfree mode, press to end or reject an incoming call.
- Press to quick return previous menu or mode.
- Hold & press this button to adjust the Dimmer High or Low.

12 List / EQ

- Under tuner mode, press this button to show the List of stored station.
- Under media playback mode, press this button to list the searching of tracks or files on the media playback mode.
- Under DVD/MP4 mode, press this button to list the searching of DVD root menu or files on the playback mode.
- Under VCD mode, press this button to turn On/Off the PCB function.
- Hold & press this button to enter into the EQ setting mode.

13 Setup

- Press this button to enter into the Setup mode.

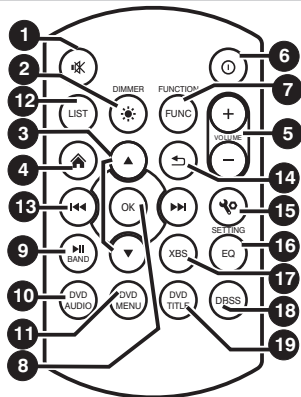
14 Mute

- Press to Mute or restore the volume.

15 Encoder Volume Knob

- Rotate the Encoder Volume Knob to increase/decrease the volume.

Overview Of The Remote Control



1 MUTE

- Press this button to turn the mute On / Off.

2 DIMMER

- Access into dimmer settings.

3 ▲/▼

- Under tuner mode, skip to the previous/next preset station.
- Or under other modes use these button to move cursor Up/Down.

4 HOME

- Access into the HOME menu.

5 - / +

- Increase/Decrease the volume.

6 ○/POWER

- Press this button to turn the unit on or off.

7 FUNCTION

- Press this button enter into the function mode.

8 OK

- Use this button to confirm the selection.

9 ►II / BAND

- Under Tuner mode, press this button to change the radio band.
- Under Media playback mode, press this button to Pause or Resume play.

10 DVD AUDIO

- Under DVD playback mode, press this button to select audio language or audio channel.

11 DVD MENU

- Under DVD mode, press this button access into DVD main menu.

12 LIST

- Under tuner mode, press this button to show the List of stored station.
- Under media playback mode, press this button to list the searching of tracks or files on the media playback mode.
- Under DVD/MP4 mode, press this button to list the searching of DVD root menu or files on the playback mode.
- Under VCD mode, press this button to turn On/Off the PCB function.

13 I◀/▶I

- Under Tuner mode, press these buttons to tune for radio station.
- Under Media playback mode, press these buttons to skip to previous / next track / chapter. Press & hold these buttons to play fast backward / forward.

14 ↶

- Press this button to return to previous menu or exit.

15 ⚙️ SETTING

- Press this button enter into the Setting mode.

16 EQ

- Press this button access into equalizer setting menu.

17 XBS

- Press this button to turn on or off the iX-BASS booster function.


18 DBSS

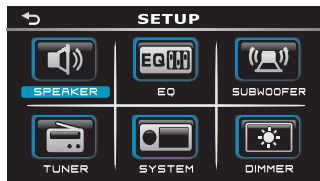
- Press this button to turn on or off dynamic bass boost sound.

19 DVD TITLE

- Under DVD mode, press this button to select DVD subtitle language.

Adjust Settings

Press the SETUP button on the front panel to access into the setup mode. User can rotate the Encoder Volume Knob to select the options, then press  to confirm.



Adjust Speaker Setting


User can rotate the Encoder Volume Knob to adjust the Front and Rear speaker fader, the Left and Right speaker balance settings value from -12 to +12.



Adjust EQ Setting

User can rotate the Encoder Volume Knob to select the Preset Equalizer: USER / VOCAL / JAZZ / CLASSIC / ROCK / TECHNO / POP / EQ OFF.



1. Press  button to select the below settings, and rotate the Encoder Volume Knob to adjust the level.

- **[BASS]**: bass level range -15dB to +15dB.
- **[MIDDLE]**: middle level range -15dB to +15dB.
- **[TREBLE]**: treble level range -15dB to +15dB.
- **[LFP]**: low pass filter as 60Hz, 80Hz, 100Hz or 200Hz.
- **[MPF]**: middle pass filter level range 500Hz, 1KHz, 1.5KHz or 2.5KHz.
- **[HPF]**: high pass filter level range 10KHz, 12.5KHz, 15KHz or 17.5KHz.


2. Press  button to restore the above settings into default

NOTE

Hold & press LIST button on the front panel is to quick get into the Preset Equalizer Setting menu.

Subwoofer Setting

User can rotate the Encoder Volume Knob to turn on or off the subwoofer function.

Press  to select the settings, and rotate Encoder Volume Knob to adjust value of subwoofer level and subwoofer low pass filter.



NOTE

Hold & press BAND button on the front panel is to quick get into the Subwoofer Setting menu.

Tuner Setting

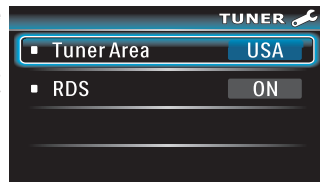
User can rotate the Encoder Volume Knob to select the below settings:

- **[Tuner Area]**: This option allows the selection of the frequency spacing appropriate for your area.

Press  to select the Tuner Area: U.S.A, Europe, Oirt, Latin.


This unit is default to "Europe".

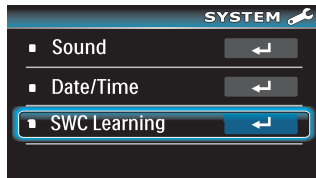
- **[RDS On/Off]**: Press  to turn On or Off the RDS function.




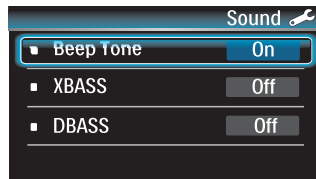
Adjust Settings


Adjust System Setting

User can rotate the Encoder Volume Knob to select the System Settings, then press  to enter into adjust the below options:




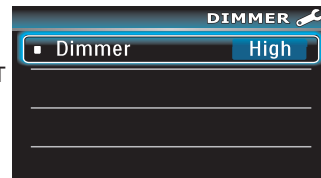
- **[Sound]:** User can rotate the Encoder Volume Knob to select the Sound mode, and press  to turn on or off the selection.



- **[Date/Time]:** Rotate the Encoder Volume Knob to adjust the Date / Time, and then press  to confirm.

Adjust Dimmer Setting

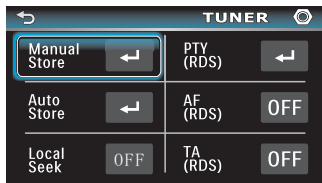
Press  button to adjust the TFT backlight level between High or Low.



Tuner Operations

Adjust Tuner Function

Press the FUNC button on front panel under Tuner playback mode access into the Tuner Function menu. User can rotate the Encoder Volume Knob to select the below options:



- **[Manual Store]:** Use this function to save the current frequency to memory stations. User can press to enter into the manual store memory stations.
- **[Auto Store]:** After Auto Stored & saved the 6 strongest stations, the unit will automatically enter present scan one time.
- **[Local Seek]:** To receive more radio stations or only stations with strong signal, you can adjust the tuner sensitivity. User can press to turn On/Off the Local Seek mode.
Local Seek On: Only stations with strong signal can be broadcast.
Local Seek Off: Stations with strong and weak signals can be broadcast.
- **[PTY Seek]:** User can press button get into the PTY List to select the desired PTY mode.
- **[AF On/Off]:** User can press button to turn the AF On or Off.
- **[TA On/Off]:** User can press button to turn the TA On or Off.

Tune To Radio Station

Press BAND button on front panel under Tuner playback mode to change between FM bands and AM(MW) bands.

Tune To Preset Station

Press the LIST button on front panel under Tuner playback mode to get into the preset stations list, and user can use the Encoder Volume Knob to select which preset station he would listen to, and press to confirm the selection.

Manual Seek

Turn and hold the Track Up / Down button on front panel under Tuner playback mode to access into the Manual Seek mode.

Auto Seek

Turn the Track Up / Down button on front panel under Tuner playback mode to access into the Auto Seek mode, and the unit will auto search for the next radio station.

About RDS

The RDS (Radio Data System) function operates only in areas with FM stations broadcasting RDS signals. If you tune to an RDS station, an RDS icon and information about the presenter, station or program is displayed

This unit support below RDS features:

PTY (Program Type)

Before tuning to RDS stations, you can select program type and let the unit search only for programs of the selected category.

MUSIC GROUP	SPEECH GROUP
POP M , ROCK M	NEWS, AFFAIRS, INFO
EASY M, LIGHT M	SPORT, EDUCATE, DRAMA
CLASSICS, OTHER M	CULTURE, SCIENCE, VARIED
JAZZ M, COUNTRY	WEATHER, FINANCE, CHILDREN
NATION M, OLDIES M	SOCIAL, RELIGION, PHONE IN
FOLK M, A-TEST, ALARM	TRAVEL, LEISURE, DOCUMENT

AF (Alternate Frequencies)

If the radio signal come from the current station is poor, you can turn on the AF (Alternate Frequency) function to let the unit searches for another station with stronger signal but with the same program identification as the current station automatically.

TA (Receive Traffic Announcement)

If you do not want to miss traffic announcement during enjoying music, you can turn on the TA (Traffic Announcement) function.

TA On	When there is traffic announcement, the unit switches to the tuner mode (regardless of the current mode) and begins to broadcast the announcement on traffic conditions. When the traffic announcement is over, it returns to the previous mode.
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TA Off	Traffic announcement does not cut in.
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CT (Clock Time)

The RDS signal broadcast together with the clock time to the unit automatically.

Media Player Operations (Disc/USB/SD Card)

This unit can play various video / audio stored into Disc / USB or SD Card on Media Player.

You can play commercially available audio CDs and these Discs:

- Digital Versatile Discs (DVDs)
- Video Cds (VCDs)
- Digital Versatile Discs Recordable (DVD +/-R)
- Digital Versatile Discs Rewritable (DVD +/-RW)
- Compact Discs (CDs)
- CD Recordable (CD-R)
- CD Rewritable (CD-RW)


NOTE

Please ensure that the disc contains playable content.

1. Insert the disc into the Disc Slot with label side facing up, the unit will play starts automatically.
2. Press **▲** on front panel to take out the CD. When the disc is ejected, the unit switches to the previous source, if connected. Otherwise, the unit switches to radio mode automatically.
 - Press the **▶||** button on front panel to pause the music play. Press this button again to resume music play.
 - Turn the Track Up / Down button on front panel to skip forward to the beginning of the next or previous chapter.
 - Turn and hold Track Up / Down button on front panel to fast forward or fast rewind through the disc. Turn the button again to resume normal playback.

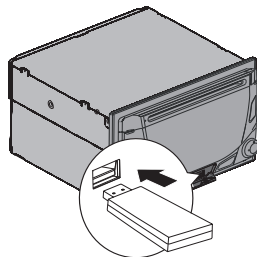
USB Device Operation

▶ Insert the USB Device

Open the cover marked  on the front panel, insert the USB device into the USB socket. The unit starts playing from the USB device automatically.

NOTE

Ensure that the USB device contains playable music.



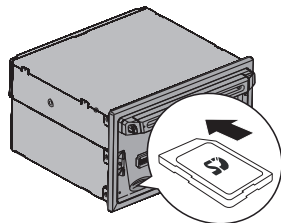
Memory Card Operation

▶ Insert the Memory Card

Detach the front panel first, the SD card slot is located on the main body of this unit, insert the card into the card slot in the correct direction until a "CLICK" sound is heard, then the unit starts playing from the card automatically.

NOTE

Ensure that the memory card contains playable music.



▶ Remove the Memory Card

Detach the front panel first, press the card until you hear a click sound, the card is now disengaged. then remove the card.

Media Player Operations (Disc/USB/SD Card)

Media Playing


▶ Repeat

During the media playback, press the FUNC button on front panel to access into Media Function menu to adjust the different Repeat mode.

For MP3/WMA/CD mode

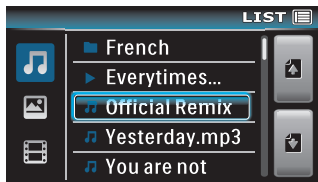
- **[Repeat All]**: play all tracks repeatedly
- **[Repeat One]**: play the current track repeatedly
- **[Repeat Folder]**: play all tracks in the current folder repeatedly




▶ Random

User can play audio tracks/files or VCD videos in random order. During the media playback, press the FUNC button on front panel enter into the media function menu, and press  to turn On or Off the random function.


▶ Skip/Search

1. Under the media playback, press the LIST button on front panel to access into the playlist menu, and rotate the Encoder Volume Knob to select folder / file:



-  : to display all available audio folders / track.
-  : to display all available pictures folders / files
-  : to display all available video folders / files.

DVD Function

During the DVD playback, press the FUNC button on front panel to enter into the DVD Function menu, and press  to adjust the below options:

▶ Repeat

- **[Repeat CH]**: repeat playback the current the chapter.
- **[Repeat TT]**: repeat playback the current title.
- **[Repeat Off]**: cancel all the repeat function.

▶ DVD Audio

During DVD playback to change the audio language (DVD/Divx only).

▶ Subtitle

During the DVD playback to turn On or Off the subtitles and change the subtitles (DVD only).

▶ Angle

User can tap on Aangle while playing a scene recorded with multiple angles to change the angle (DVD only).

▶ Aspect Ratio

User Selecting the TV Aspect setting allows the user to select the aspect ratio of the TV (DVD and VCD only). The following options are available:

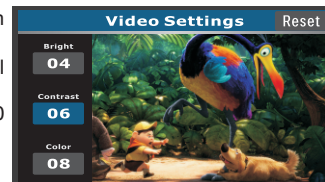
4:3=Aspect ratio of TV is 4:3

16:9=Aspect ratio of TV is 16:9. Both wide screen and 4:3 contents will fill the entire screen.

▶ Video Setting

Under DVD/VCD playback, tap on Video Setting mode access into the below Setup menu to adjust the options:

- **[Bright]**: change the Bright level from 0 to 8.
- **[Contrast]**: change the Contrast level from 0 to 8.
- **[Color]**: change the Color level from 0 to 8.
- **[Reset]**: reset to default setting.



AV-In Mode

Select the AV Mode

You can connect up to 2 optional devices. Press the SOURCE button on front panel to enter into the Source menu to select the AV-In mode.

AV1-IN=Front panel AV-In

AV2-IN=RCA back of unit

▶ AV1-IN

This unit is allowed to connect with external Audio / Video system such like Digital Camera or Game Console. User can connect the external A / V system thru the A / V in jack on front panel.

NOTE

If there is no any external AV System input, then the TFT will be show "No Video Signal".



About the Parking Wire

⚠ CAUTION

In order to avoid any accident, the driver must not watch video while driving. This unit is designed to not allow watching video while driving. Park your car in a safe place and engage the 'parking brake' before watching video.

NOTE

- The Video Blocking system under Parking Brake **NOT ENGAGED** only control this unit's display. This system will not affect the Video Output thru the rear RCA Video Out put.
- If watch moving video from Disc or AV In source but Parking Brake is **NOT PROPERLY CONNECTED**, the video signal will be blocked by the system and the display will be show:

A black rectangular box with white text that reads: "Video Blocked ! Engage Parking Brake to enjoy video".

The Reverse Wire For Back Up Camera System

If user connected a backup camera system to this unit, the vehicle is in reverse Gear (Back Up mode), the front indash TFT display will automatically switch to Back Up Camera Video signal regardless what ever mode is currently displayed on the front indashTFT.

Bluetooth Operations

User Guide For Bluetooth

1. When user use our Bluetooth HEAD UNIT, please make sure the mobile phone you use must/does support Bluetooth functions (Headset or Handsfree profiles or both)
2. Before you start to use our Bluetooth HEAD UNIT, please make sure complete pairing with your mobile phone first. Please refer to the user manual, section "PAIRING" for detail "PAIRING" instruction. To ensure the best reception for Pairing or Re-connection, please make sure the Phone Battery is fully charged when making the Pairing or Re-connection.
3. Please always try pairing the Mobile Phone with Head unit after a few minutes of the Mobile Phone was Switched On to ensure the best pairing result.
4. " Caliber " is this unit device model number which is displayed on the mobile phone.
5. To achieve the best performance, please always keep the Mobile Phone within 3 meters of the Head unit.
6. Please always keep a clear path between the Mobile Phone & the Head unit.
7. Never put any metal object or any obstacle between the path of the Mobile Phone & the Head unit.
8. Some brand of Mobile Phone like Sony Ericsson may have "Power Saving Mode" selection when Bluetooth mode is switched on. PLEASE DO NOT Switches ON Power saving Mode when operating with this Head Unit, as some abnormal communication behavior will happen occasionally if Power Saving Mode is switched on.
9. Before user make Outgoing call or Incoming call, make sure the mobile phone's "Bluetooth function" was switched "ON".
10. To ensure the best conversation quality / performance, please always keep talking within 1 meter of the Head Unit.
11. If user want to Dis-connect the Head unit with the Mobile Phone, please switch "OFF" Bluetooth connectivity on the Mobile Phone, or go to the system menu, "dis-connect" to disconnect the bluetooth connectivity manually. (please refer to the user manual, section "dis-connection of the bluetooth system for details instruction.)
12. Some Mobile Phones can support "IN BAND RING TONE", such as Nokia. In such case, the Incoming Ringing Tone will be same as the original Ring-tone of the Mobile Phone. But some Mobile Phones like Sony Ericsson do not support this feature. The Ring-tone will be using the standard Ring-tone of the Head unit.

13. When in telephone mode, during talking, it is highly recommended to set the volume to below "30" in order to achieve the best sound quality. As if the volume is too high, it may create unwanted echo inside the car, and this unwanted echo may feedback into the microphone.

14. If the Bluetooth related operation is not performing normally, like cannot make pairing, cannot making an outgoing call, User can try to make a SOFT-RESET of the Bluetooth module by removing / detaching the panel from the main unit and waiting for about 1 min. Then re-attach the panel to the unit & retry the Bluetooth operation again. Or user can RESET the whole unit by pressing the RESET button behind the panel.

NOTE By pressing the RESET button all the stored memory will resume to factory default.

Frequency Asking Questions

Q: Under phone conversation, if the voice output from the car's speakers is not loud enough.

A: Try increase the volume level of the head unit to a suitable sound level

Q: Under phone conversation, the "Listener" cannot hearing my voice loud enough

A: First, try asking the 'Listener' increase the volume level on his/her mobile phone, if still not loud enough, try to increase your mobile phone's volume.

Q: Under Phone conversation, the "Listener" can hear echo feedback.

A: Your unit's speaker volume level is too loud which cause the voice feedback into the built-in microphone, this can be corrected by decreasing the volume level.

Q: Under Phone conversation, the "Listener" complain the background is too noisy

A: May be you are in a noisy environment. Try close the car's window to shield the environment / background noise under phone conversation.

Q: If the Mobile Phone already paired with the headunit, but after several calls, the incoming calls cannot access thru the headunit.

A: May be the paired Mobile Phone lost the Bluetooth connection with the headunit. in this case, please go to the "MENU" & select "re-connect" to reconnect the headunit with the paired Mobile Phone. For details, please refer to the MENU operation "re-connection".

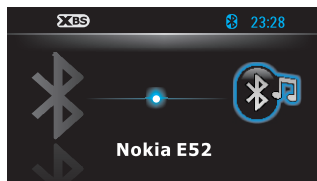
Bluetooth Operations

Handfree Operations

▶ Pairing The Bluetooth System Between Mobile Phone & The Unit

- Open your Mobile Phone and switch Bluetooth to on, and search Bluetooth device.
- “Caliber” should appear in the pairing list on the Mobile Phone. User need to select “ Caliber” and then input the password “1234” .

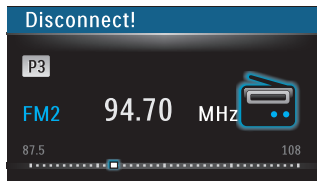
If the pairing is successful, the below display will show on TFT for a while, and the unit will switch back to the previous mode automatically.





▶ Disconnecting of the Bluetooth System

Open your Mobile Phone and disconnect the Bluetooth System with the unit.

- If the Disconnection is successful, the below display will show on TFT, and the unit will switch back to the previous mode automatically.




▶ Answering An Incoming Call

- When there is an incoming call, the display will show the Phone Number. If the incoming call has no caller I.D. number, the LCD will display “ Phone In ”, user can press the  button on front panel to answer / accept the call.
- User can use the Encoder Volume Knob to adjust the volume level.
- To end the conversation, press the  button on front panel. The unit will switch back to the previous mode automatically and release the mute of the previous mode at the same time.


NOTE

An Incoming call under stand by mode (Ignition on & Power Off), the system will automatically switch on the head unit.

▶ Rejecting An Incoming Call

User can press the  button on front panel to reject the incoming call.

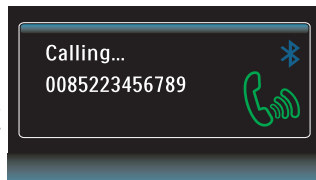
NOTE


The audio output of the present mode will be muted and the ringing tones will be heard if an incoming call is not being answered. After pressing the  button, the mute of the present mode will be released.

Bluetooth Operations


▶ Making A Call

- User can use his / her Mobile Phone to dial and make an outgoing call. Once the user has completed the dialing, the below display will show on TFT:





- User can use the Encoder Volume Knob to adjust the volume level.
- To end the conversation, press the  button on front panel. The unit will switch back to the previous mode automatically and release the mute of the previous mode at the same time.

▶ Call Transfer





During the talking mode, hold & press the  button on front panel to transfer the audio from the unit back to the Mobile Phone for privacy reason.

NOTE

After the pressed the , the present mode will be muted at the same time, user can press the  button to release the Mute.

Bluetooth Audio Streaming A2DP

If the connected Bluetooth device supports Advanced Audio Distribution Profile (A2DP), you can listen to the music stored on the device through the unit. If the device also supports Audio Video Remote Control Profile (AVRCP) profile, you can use the control on the unit or its remote control to play music stored on the device.

1. Pair the phone with the unit.
2. Press the SOURCE button on front panel to return to SOURCE menu.
3. Rotate the Encoder Volume Knob to select , then press the  to access into the Bluetooth mode, the music via device start to play.
4. If the device support Audio Video Remote Control Profile (AVRCP), press the , and then press the  to start playing.

Product Information

General

Power Supply	12 V DC (11-14 V), Negative Ground
Fuse	15A
Suitable Speaker Impedance	4 - 8 Ω
Power output	Mosfet 75W x 4 channels
Pre-AMP output voltage	2.0 V (USB play mode; 1KHZ, 0dB, 10k Ω load)
Aux-In level	\geq 300mV
Subwoofer output voltage	2.0 V (USB play mode; 120HZ, 0dB, 10k Ω load)

TFT Screen Section

Screen Size	4.3 inches
Display Resolution	800 x 480 dots
Screen Type	TFT Liquid Crystal Display active matrix

Disc Player

System	DVD/CD audio/MP3 system
Frequency Response	20Hz to 20KHz +/-3dB
Signal to Noise Ratio	\geq 90dB
Channel Separation	2 Channel(Stereo) >60dB@1KHz
Video signal format	NTSC only
Video Output	1 +/- 0.2V

Radio

-FM Frequency Range	87.5 - 108MHz (100KHz per step in auto search and 50KHz per step in manual search)
Usable Sensitivity	Better than 15dB at S/N 30dB
-AM(MW) Frequency Range	522 -1620KHz
Usable Sensitivity	Better than 45dB

USB devices

USB flash memory	USB 1.1, & 2.0 compatible
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Bluetooth

Output power	0dBm (Class II)
Frequency band	2.4000GHz-2.4835GHz ISM Band
Range	3 meters (free space)
Standard	Bluetooth 2.1 specification

Product Information

► Supports Formats

- MP3/WMA bit rate (data rate): 32-320 Kbps & VBR
- WMA Version V9 or earlier
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 99
- Number of tracks/titles: maximum 999
- ID3 tag V1.0/1.1/2.0/2.3 (Max 32 Byte)
- File name in Unicode UTF8(maximum length: 128 bytes)

► Unsupported formats

- Empty albums: an empty album is an album that does not contain MP3/WMA files, and is not be shown in the display.
- Unsupported file formats are skipped. For example, Word, documents (.doc) or MP3 files with extension.dlf are ignored and not played.
- AAC, WAV, PCM audio files
- DRM protected WMA files (.wav,m4a, .m4p, .mp4, .aac)
- WMA files in Lossless format

► Supported MP3 disc format

- ISO9660, Joliet
- Maximum title number: 512 (depending on file name length)
- Maximum album number: 255
- Supported sampling frequencies: 32 kHz, 44.1kHz, 48 kHz
- Supported Bit-rates: 32-320 Kbps and variable bit rate

► Supported video formats

- DVD
- Xvid

NOTE

Product information is subject to change without prior notice.

Troubleshooting

Before going through the check list, check wiring connection. If any of the problems persist after check list has been made, consult your nearest service dealer.

No power or no sound

- Car engine is not on. Turn the car engine on.
- Cable is not correctly connected. Check connections.
- Fuse is burnt. Replace fuse.
- Volume is in minimum. Adjust volume to a desired level.
- If the above solutions cannot help, press the RESET button.
- Ensure that the track played is of a compatible format.

Noise in broadcasts

- Signals are too weak. Select other stations with stronger signals.
- Check the connection of the car antenna.
- Change broadcast from Stereo to mono.

Cannot play disc

- Disc is upside down. Ensure the printed side is upwards.
- Disc is dirty. Clean the disc with a clean, soft, lint-free cloth. Wipe the disc outwards from the center.
- Disc is defective. Try another disc.
- Incompatible disc is used. Try another disc.
- Disc rating exceeds the restrict setting. Change the rating settings to lower one.
- Disc region code is not compatible with the unit. Use disc with proper region code.

The CD Skips tracks

- Ensure that the CD is not damaged or dirty.
- Ensure that random mode is deactivated.

Disc cannot be ejected.

- Press and hold ▲ .

Preset stations lost

- Battery cable is not correctly connected. Connect the battery cable to the terminal that is always live.

Display show ERR-1

- The disc, USB or SD device cannot be read in two minutes

Display show ERR-3

- USB/SD data error.
- Disc is upside down. Ensure the printed side is facing up.

Display show ERR-5

- Communication error or component is damaged.

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