Automobile Multimedia Player System

Touch Screen 6.2-inch Motorized TFT LCD

Operation Manual

Before operating this product, please read this manual carefully and properly keep it for future reference.

In order to avoid any injury or accident, please pay attention to the cautions in this manual before installation and operation.

DVD Series

Table of Contents

Safety Precautions

🚫	This icon indicates that relevant actions must be avoided.
❗	This icon indicates that relevant actions must be done compulsorily.

❗ This player can only be used in the grounded vehicles with 12V, excluding large trucks or diesel trucks (DC24V trucks) running in the frigid areas. Otherwise, it could cause a short electric circuit to set off contingent fire disasters or other defaults.

Never use components securing safety to install this player or in the process of grounding wiring.

🚫 Prohibition
It is prohibited to use any safety securing components like screws, nets and small screws for the steering wheel or detent to install this player to prevent any accidents. Please use accessories delivered with this player to facilitate installation.

Regulate the volume to proper extent

❗ When you barely hear any sound outside the vehicle or in the ambient surroundings while driving, it could foster possible accidents.

Installation and wiring must be carried out by professional technicians.

❗ Special technique and experience are required in installation and wiring of this player.
For your safety, please consign the dealer to complete installation and wiring.

Do not keep using the player when it turns to be abnormal or has certain default.

🚫 Prohibition
If the player becomes silent, gives out smoke or has certain abnormality etc., please stop using it immediately and contact the dealer to avoid danger like fire disaster or electric shock.

No operation while driving.

🚫 Prohibition
If you operate while driving, it is likely to trigger traffic accident as you pay less attention to the front.

Never spray water on the player or submerge it under water

🚫 Prohibition
If there is water entering this player, it could lead to a fire disaster, electric shock or default due to short circuit or bad insulation. In the rainy day or the car is washed, be careful not to spray any water on the player.

Never let any object enter into this player.

🚫 Prohibition
If any metallic objects or flammables enter into this player, it could trigger overheat, fire disaster or electric shock due to short circuit or bad insulation. Extra attention must be paid to baby or small child.

Never put your hand or finger on the moving parts of this player, nor block the CD slot with foreign objects.

🚫 Prohibition
If you put your hand or finger on the moving parts of this player or block the CD slot with object, the possible injury to personnel or defaultcould be brought into being. For baby and small child extra attention must be paid.

Never dismantle or modify the player technically.

🚫 Dismantlement is prohibited
It is strictly prohibited to dismantle or modify this player or to cut off the original power cable to connect with other one, which could lead to smoke, fire, electric shock or other failures.

Fuse must be replaced by professional technicians.

❗ If you do not make proper wiring as specified, it will lead to the risk of electric shock, injury, fire or other failures.

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Precautions prior to Operation

First, thanks for purchasing our automobile multimedia entertainment system. Before operation, please read through this manual and keep it properly for future reference.

In order to prevent any injury or accident, please read the following precautions before installation and operation attentively.

About Safety

1）This player is an intelligent DVD player,which has the remote control function such as loading slot open and close the DVD disk.

2）Do not allow any foreign objects or liquids to enter the player.

3）Please do not place or install the player at a wet place or a place at high temperature or in the direct sunshine to avoid deformation of this product. Do not keep this player in contact with any chemical agent for a long time to prevent the paintwork peeling off the surface, fire or accidents.

4）Please replace the batteries for the remote control to ensure normaloperation of this player. In the case that batteries leak chemical liquid, please use a piece of dry cloth or paper tissue to clean up the mass and then replace those batteries. Note that batteries can not be placed upon any metallic object and never give the batteries to children to play with soas to prevent fire due to short circuit or accident due to the leakage. As forthe used batteries, they shall be disposed in accordance with the local laws and regulations.

5）In the case of any leakage of liquid crystal due to rough handling, please note not to allow the liquid crystal to get in touch with skin, eyes ormouth. At the same time, try to get in touch with maintenance personnel to have it replaced. The broken liquid crystal display screen must be disposed according to the local regulations.

6）Do not allow any hard object to collide with, squeeze or scratch the player. When it comes to cleaning the player, please only use a piece of dry cloth or paper tissue to clean the surface of the player. As for theliquid crystal display screen, clean it up with a piece of dry cloth or papertissue without depilation gently to avoid any damage to the player.

7）When the screen is ejecting or retracting, or adjusted in terms of the viewing angle, the motorized mechanism of this player stops on its own inthe case of any obstacle standing in the way. And then please remove suchan obstacle away before resuming operation.

8）If any abnormality is found during operation, disconnect the power immediately and check the list of roubleshooting? for resolution. If failed, please contact the supplier or maintenance service center for help.

9）When replacing the fuse, be sure to use the fuse of the same specification (current specification for example). It is very dangerous touse different fuse or electric wire to substitute the broken one, which could lead to severe damages to the player.

10）This system integrating 10 VCD/CD and 6 DVD disc-loading and unloading mechanisms, is capable of playing back DVD, VCD, CD,MP3 and MP4. Meanwhile, it also can be used as a TV set and radio. In the mode of TV or radio, there is a slight difference in the aspect of volume. However, the difference in volume could be considerable due to various recording standards adopted by diverse discs. When it happens, please check out the disc standards and connect the producer for assistance. 11）In the case of any problem out of the range of roubleshooting?it is not allowed to dismantle the player for repair on your own discretion,which can only be performed by professional maintenance personnel.

12）Install and operate this player in accordance with corresponding.

instructions set out in the manual. Although a protection circuit is encompassed, unnecessary damages or losses still can not be guaranteed.

13）The used player shall be disposed in accordance with the local regulations.

Do not mount this player in this way that the opened or closed screen blocks driver's visibility or interferes with his or her operations in the vehicle such as the release of the safety airbag and the actuation of thesteering wheel, gearlever or braking pedal etc.

1) The installation of this player is required to be executed by technical experts.

2) If you try to install this player by yourself, you have to refer to the installation instructions and circuit diagram contained in the operation manual. Incorrect installation could lead to a fire.

3) Before installation, make sure to turn the ignition key to the OFF position or pull it out. When the engine is activated, installation of this player could cause electric leakage or short circuit of the batteries.

4) Mind never to damage any piping, wiring, fuel box or electric circuit. Otherwise, it may lead to a fire. When drilling holes on the front panel inside the vehicle, you must ensure that any hidden part beneath is kept intact.

5) Never deploy any bolt or screw to fix the safety devices such as the steering interlock devices, the fuel transfer or breaking system. Otherwise it may lead to a fire or an accident.

6) If there is an abrupt change in the ambient temperature, the moist could condensate on the surface of the screen. All you have to do is to wai t fo r a while till it is evaporated and then this player becomes available again.

About LCD

Do not press the LCD monitor. Otherwise, the pictures displayed could be deformed and such an action could lead to a failure.

Clean-up Cautions

Use a piece of soft cloth dipped with some water to clean up the LCD screen instead of solvents such as gasoline, thinner, or cleaning agent sold on the market or antistatic spray.

Do not use this player when the ambient temperature is lower than -15℃ or higher than 45℃.

If you park your vehicle at a very cold or hot place, pictures on thescreen may become blur, which is not abnormal at all. As long as thetemperature changes into normal again, the display on the screen turns clear.

The stuck pixel, referring to the static blue or red spot appeared on the screen may happen to any LCD monitor. The LCD is a very precision instrument with over 99.99% normally-functional portion but below 0.01% mal-functional portion. The latter portion can not be normally activated but will not affect you to enjoy it.

Cautions for the Touch Screen

The touch screen is firm and reliable. However, you must be aware of the followings in operation:

1. Not to scratch the screen with force. In the process of application, all you have to do is to touch the screen gently.

2. The touch screen is not waterproof and water could enter the circuit via the front panel under the extreme conditions.

3. The touch screen is covered by glass. So please do not knock or press it with force.

4. Try to avoid high temperature, dust or humidity.

Note not to use alcohol in the clean- up process.

Operation and Maintenance of Remote Control

Do not place the remote control on the dashboard, steering wheel or in any other places in the direct sunshine. If you do, the temperature could be high enough to deform the remote control, especially in the summer.

When the vehicle is parked in the sunshine without any shelter, you should put the remote control in the storage box or in a protective place. In the direct sunshine, the signal from the remote control may not be properly received by this player. In such a case, please put the remote control next to the sensor on the front panel of the mainframe.

How to Use Batteries Properly

If the batteries are not used properly, it could lead to overheat, fire, injury, failure or contamination to the surroundings due to the cracks or electrolyte leakage of the batteries.

1) Install the batteries properly as required by the operation instructions upon confirmation of the right battery polarities (+ / -).

2) Never use batteries that are not designated.

3) The empty batteries must be replaced in time.

4) When the remote control is put aside for a long time, please take the batteries out.

5) Bind up depleted batteries with adhesive tape or store them in a plastic bag for insulation in s torage.

6) Never charge, short-circuit, dismantle, deform and heat the batteries or throw them into fire or water and make them contact with any metallic object.

7) Never place batteries or remote control loaded with batteries in the surroundings at high temperature including an enclosed vehicle with doors and windows closed, trunk or a place in the direct sunshine and adjacent to a heater.

8) Keep batteries away from children. And sent to the hospital immediately if they swallow down any battery.

Cautions about Batteries

1. Type of Battery: lithium battery

2. Operation Life: approx. 1 year (under indoor temperature) in normal operation 3. While disposing batteries, make sure to observe the local regulations on depleted batteries.

Treatments for battery electrolyte leakage are presented below:

1. Wipe off the electrolyte residue inside the battery compartment and put in new batteries.

2. When the leaked electrolyte attaches to the human body or skin, rinse it off with water.

3. If the electrolyte enters your eyes, do not rub with hands but rinse with water and then go through the medical treatment.

Emergency Treatment:

In order to prevent life or property damages to the user or others, please immediately turn the power off and deliver it back to the nearest maintenance center or automobile stereo system dealer for assistance in the case of any foregoing abnormality.

Battery Installation

1. Take out the battery holder.

Push and press the point A along the direction shown by the arrow and drawout the battery holder at the point B.

2. Put the battery into the battery holder.

3. Insert the battery holder back to the original place.

At the first time before operation, draw out the extruding thin sheet beneath to make the battery contact normally.

Lithium Battery

Back

Point B

Point A

Battery Holder
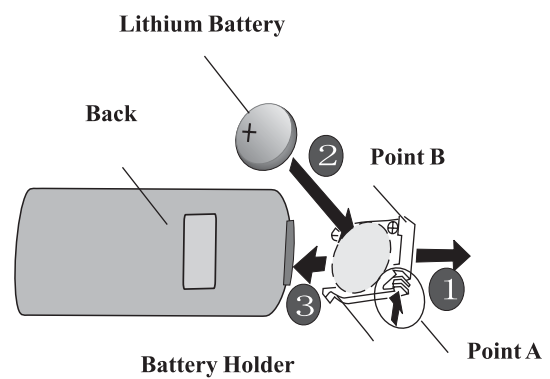
Playable Disks

Disks in the following file format can be played in this player

DVD audio disk

DVD video disk

VCD

CD

MP3

MP4

Area code of DVD video disk

Any area-code-incompatible DVD video disk can not be played (This player has no area code restriction.).

Maintenance of DVD Player

Please use standard round disks. If you insert an irregular, noncircular or deformed disk, it could get stuck inside the player and is unable to play back properly.

Before loading a disk into the player, please check out whether there is any crack, scratch or bend on the disk. If there is, such a disk can not be usedand could cause failure to this player. When handling a disk, remember not to get in touch with the recording side(no printing side).

While a disk is not in use, please keep it in the disk box.

Please do not put a disk in the place in the direct sunshine or at high temperature.

Never attach any label to the disk surface, scratch or apply any chemical to it.

While cleaning up a disk, please use a piece of soft dry cloth from the center to the edge to wipe it clean.

If the onboard heating system is on in winter, condensation could take place inside the DVD player, which may make it unworkable. If any failure comes into being, please switch off the player immediately and wait for 1 hour to let it dry out. And use a piece of dry cloth to wipe off moist on the disk if happened.

Bumpy road could interrupt the disk playback process.

Right   Wrong

DVD Disks

Specific functions may not be available for some DVD disks. And this play could be incompatible with some DVD disks.

DVD digital multi-purpose disks

DVD can perform large capacity access and processing of digital signals of audio and video of movie software. It is the compact disk for accessing high quality of pictures and acoustics.

DVD menus

DVD can display several headers, hence called the header menu. In addition, the DVD header menu refers to the display of various settings of items, which are able to export menus at random during playing. As software differs, it facilitates audio switching between Dolby Digital and linear PCM, subtitles and dub languages, etc.While DVD-R/DVD-RW disks are used, only video formats (in the video mode) can be played, but it is unable to play general computer files.

DVD-R/DVD-RW disks recorded in the video format (in the video mode) may not be playable due to the property of disks, scratches or dirt on disks or dirt or dew on the lens of this player.Disks recorded on a personal computer may not be playable, which is determined by the setup and environment of the application format. Pleaseuse a proper format for recording.

CD-R/CD-RW Disks

While a CD-R/CD-RW is used, it can only play the disks that are completed.

CD-R/CD-RW disks recorded by Track CD recorder or a personal computer may not be playable due to the property of disks, scratches or dirt on disks, or dirt or dew on the lens of this player.

Disks recorded on a personal computer may not be playable, which is determined by the setup and environment of the application format. Please use a proper format for recording. (For details, please contact the manufacturer of the application process.)

CD-R/CD-RW disks may not be playable under the direct sunshine or at a high temperature place or the storage environment of automobiles.

Headers and other text information recorded in the CD-R/CD-RW disk may not be playable in this player (in the case of audio information (CD-DA).

If you mount the CD-RW disk into this player, the time for you to wait for playing will be longer than you do conventional CD or CDR.

Before using the CD-R/CD-RW disk, please read the relevant cautions.

MP3 Files (CD-ROM)

MP3 is a kind of audio compact method, which should be brought into Audio Level 3 in the MPEG standard. The audio compact method has already been in the depth of personal computers as a standard mode. Mp3 can compact original audio data to 10% of its initial size and to keep the voice in high quality. This means that about 10 Track CDs can be recorded on a CD-R disk or CD-RW disk. In this case, there is no need to constantly change CD disks for playing for a long time.

This player allows the playing of MP3 files on CD-ROM, CD-R and CD-RW disks as well as the content of any disks compatible with ISO9660 Levels 1 and 2 and ROMEO and JOLOEY file system.

It can play the disks recorded compatible in multiple sections.MP3 files are incompatible with the transmission of data written in groups.The maximum number of characters that can be displayed as names of files is 32 characters (calculated from the first character). The maximum number that can be displayed as the name of a folder is 32 characters.

If a file is recorded in the ROMEO and JOLIET file system, it can display 32 characters only. When a disk with MP3 files and audio data (CD-DA), for example, CD-EXTRA and MIXED-MODE CD, they can switch between MPE and CD-DA to play these two types of discs.

The selection sequence of playing and other folders being operated will become the writing order used by writing software. Therefore, the sequence expected by the playing time can not be in conflict with the actual playing. However, some software permits the setup of playing sequence.

Files are compatible with ID3 label Version 1.0 and Version 1.1 formats to show special editions (headers of disks), Track (Track headers) and authors(Track performers).

Only when MP3 files at the frequencies of 32, 44.1 and 48KHZ are playedcan enhancement function be effective (16, 22.05, 24, 32, 44.1, 48KHZ can

be playable)

The acoustics of MP3 files can usually be improved after the increase in bit rates. This player is able to play recorded voice at the playing bit rates of 8KBPS to 320KBPS. In order for you to enjoy considerable acoustics, werecommend that you use the disks recorded at 128KBPS or higher.

Important

When one MP3 file is named, please add the corresponding file extension name (Mp3).

This player will play the files with the extension name (.MP3) as MP3 files. To prevent noise and failure, please do not use such an extension name for non MP3 files.

Fast Guide for Buttons on Main Unit

Front Control Panel

DVD disk in/out

USB jack

SD card slot for GPS

DVD indicator light
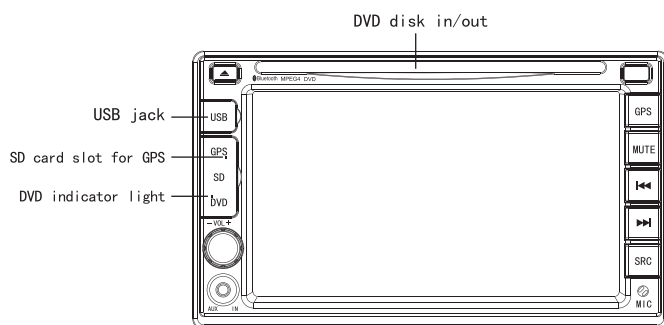
Mainframe:

1.　Control button for DVD disk in and out of the compartment　　▲

After the disk is inserted into the compartment, it automatically enters the DVD mode.

2.　"VOL" Volume control button

This button is able to control volume.

3. "AUX In"　AUX-input for additional Video/Audio.

4.　GPS　GPS

Press this button to enter GPSmode.

5.　MUTE　Mute button

Repeat pressing this button to switch between Mute and Non Mute.

6.　◄◄　Frontad

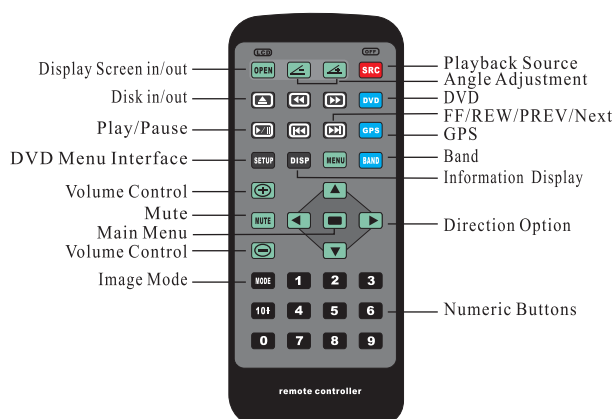press this button switch to last song

7.　►►　Next

press this button switch to next song

8.　SRC　source selection button

After selecting the playing source, this player is on. Press this button to switchin cycle among DVD.SD. BT.SETUP.TV.CAM. GPS. FM/AM and USB. If there is no operation within 2 seconds later. it will automatically enter the current highlig htoption. Long press this button, and the player is switched off (OFF) in 2 seconds.

Description of Buttons on Remote Control

Display Screen in/out —————
Disk in/out —————
Play/Pause —————
DVD Menu Interface —————
Volume Control —————
Mute —————
Main Menu —————
Volume Control —————
Image Mode —————

————— Playback Source
————— Angle Adjustment
————— DVD
————— FF/REW/PREV/Next
————— GPS
————— Band
————— Information Display

————— Direction Option

————— Numeric Buttons

1. ◀ ▶ ▲ ▼ Up, down, left, right;

2. "ENTER" confirm button;

3. "FF/REW" fast forward and rewind button;

4. "VOL+/-" volume control button in navigation;

5. "DISP" Day/night switch button;

6. "MODE" map display mode button;

7. "PLAY" current location button;

1. "Open/Close" display screen stretch button

Press this button and the display will recover or stretch and restore to the angle before power is off.

2. "Mode" image mode button

? Press this button to select the preset image mode: Soft, Bright, Standard and custom

3. "0~10/10+" numeric button

4. [▶❙❙]   Play/Pause button

Put in the disk, press it once to start playing or press it twice to pause.

5. [◀◀] and [▶▶]   selection button

● Press this button for DVD to fast forward or rewind. What is shown on the menu is the parameter adjustment.

6. [❙◀◀] and [▶▶❙]   previous and next track selection or shift button

7. [SRC]   Playback source button

● After the selection of playing source, this player is open. Press this button to switch over DVD, CDC, AUX、TUNER and TV in cycle. It accesses the option after operation stops 5 seconds later. Long press this button, and the player will be auto off (OFF).

8. ◀ ▶ ▲ ▼ Menu selection button

9. [BAND] Band button

● Press this button to select among Fm1, FM2 and AM bands.

10. "VOL+/-" Volume control button

● Press this button to increase or decrease in volume.

11. [MUTE] Mute button

● Repeat pressing this button to switch over Mute and Non Mute.

12. [∠] [∠] Angle button

● Press this button to change the angle of the LCD panel.

13. [▣] DVD disk in/out button

14. [DVD] DVD and USB switchover button

15. [MENU] Main menu display button

16. "SETUP"DVD menu interface button

17. [GPS] GPS subtitle selection button

Remarks:

The remote controller of CE-6801 does not support [OPEN] [∠] [∠]
 three functions.

1. **Power on/off**

Front Panel [SRC]

Remote control [SRC]

In the standby mode, press SRC for a long time to switch on and SOURCE/SRC to switch off this player.

2. **Playback Sources Selection**

Front Panel [SRC]

Remote Control [SRC]

Continuous Short Press

Input signals shift among different modes as shown below continuously.

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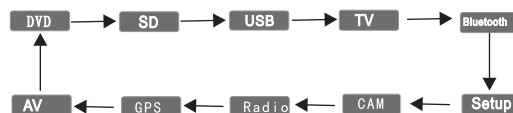
3 System Menu
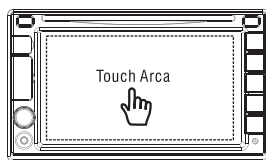
Touch Arca

Press touch area to go back to this interphase.After entering this menu,press blank area to exit.

Operation of touchscreen

You can press "SRC" to enter menu and take more menu configurations.

Enter Control Page 2

Control Page 1
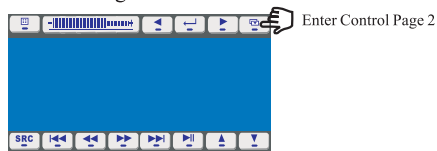
Reurn to Control Page 1

Touch Control Page 2

This page is used only in DVD/SD/USB mode.

Sound Field Configuration
Click to take audio configuration

Bass	◄◄	+2	►►	Nor
Treble	◄◄	+2	►►	Jazz
Balance	◄◄	R2	►►	Rock
Fader	◄◄	+2	►►	Popu

Adjust Mode

Exit   —   +
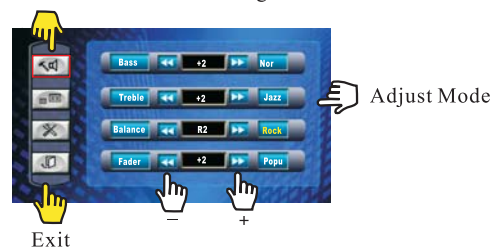
1.Sound effect configuration

Bass	◄◄	+2	►►
Trbel	◄◄	+2	►►
Balance	◄◄	R2	►►
Fader	◄◄	+2	►►

Touch to select and adjust the menu,use this menu to take sound effect configuration.

2.Sound mode configuration

Nor
Jazz
Rock
Popu

Standard,Jazz,Rock and Pop are pre-stored.Touch the relevant button to select your favorite mode.Bass and TrebleAre pre-stored also.

Display model configuration

Imaga
Config
uration

Adjust image mode

Exit

1.Image Configuration

The range of bright,contrast,Color is 0-40,touch the relevant button to select yourfavorite mode to get the best video effect.

2.Image Mode Configuration

This player presets user,Standard,Soft and Bright for selection,touch corresponding button to select your favorite mode.

Function Configuration

Function Setup
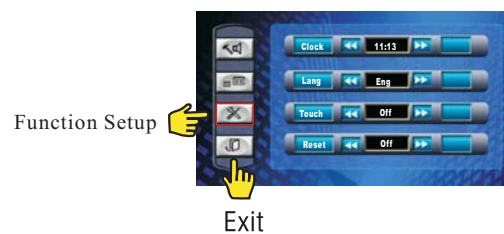
Exit

1.Clock Adjustment

After selecting clock,press to [CLOCK 8:25] highlight hour and minute sections, [CLOCK 8:25] and then press ◀◀ ▶▶ to adjust, When ready,press the button clock again to undo the highlight and exit the clock adjustment mode.

2.Language setup

Use ◀◀ ▶▶ the touch screen to switch between chinese and english.

3.Touchscreen rectification configuration

Use ◀◀ ▶▶ on the touch screen to retification

4.System reset

Use ◀◀ ▶▶ on the touch screen to reset the system.

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DVD Disk Playback

1. Press once to select DVD and insert a playable disk into the disk slot;

2. Insert a playable disk into the disk slot directly;

3. Select DVD playback mode from the SRC touch area.

 When the DVD playback main menu appears, press this button to let the system start playing back the disk automatically.

 Press this button to eject the disk.

DVD video mark:

Standard DVD-Video Laser Disk

On the cover of each DVD laser video disk package, you can definitely find out such a mark, indicating that the contents (audio and video) of DVD disk conform to the DVD-Video standards. And all the functions are defined according to such standards. As long as this mark is on, you can tell it is a genuine DVD-Video laser disk which is playable on this player.

Attention:

The DVD player can play back either standard 12cm or 8cm (single-sided) disk at one time . And do not use adaptor while playing back an 8cm disk. Never insert any other object into the disk slot.

If you are unable to completely insert one entire disk or you are unable to play it afte r you insert it, please check whether the side with the label is facing up. Please press   to exit the disk and check whether the disk is damaged and then insert it.

Never insert the disk by force so as not to damage the inner par.

Multi-subtitle Playback

If you like enjoying foreign films, but you are not so good at English, you must remember this icon, which indicates that this CD provides different subtitles foryou to play. The numbers are used to show the quantity of subtitles. This player can play disks of different types; however, such subtitles are not used in some of DVD disks, so you must note the words on the packages to make sure whether there are any subtitles in Chinese.

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DVD Playback
DVD Functional Operation

● Use the remote control to operate.
● Operate on the touch screen directly.

Touch DVD in the functional area to enter the interface shown below.

Touch Control Page 2

Touch Control Page 1
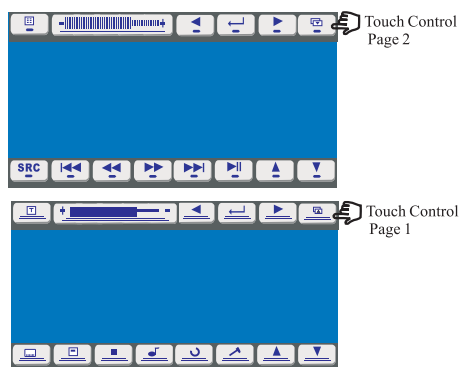
1   Play and Pause

Press this button once for play;
Press it once again to pause.

2   Fast forward/Rewind

In the DVD playback mode, press ◄◄ ►► to fast forward or rewind.

3   DVD/USB Playback Selection

Press DVD to switch between DVD and USB playback mode.

4   DVD main menu keys

Press once at DVD mode to enter DVD main menu.

5   DVD title keys

Press once at DVD mode to enter DVD sub menu.

6   DVD touch page switch keys

Press once at DVD mode to enter touch menu of next page.

Press once at DVD mode to return to touch menu of last page.

7   DVD sub-title keys

The key is used for selction of Multi sub-title DVD disk.

8   DVD Screen keys

Press it once to display all the DVD playback information on the screen directly and press again to conceal the above information.

Title 01 / 02 Chapter 008 / 020 00:05:06

Current Title   Titles   Current Track   Tracks   Duration

9   DVD stop key

Press once at DVD mode to stop play.

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GOTO Advanced Operation

Menu	Function	Selection Method
Header	Display current header number total headers skipped to required section number	L/R button selection Entered by number key Enter confirmation
Section	Display current section number total paragraphs skipped to required section number	L/R button selection Entered by number key Enter confirmation
Voice	Display current voice languages digital audio output, capable of converted into output with digital audio other languages	L/R button selection, Entered by number key Enter confirmation
Subtitle	Display current subtitle Languages, capable of switching to other button for to subtitles	L/R button selection Entered by number Enter confirmation
Angle	Display current angle, Capable of switching to other angles	Entered by number keys Confirmed by ENTER
Header time	Display the time for playing Current section, capable of skipping to the required Section for playing	L/R button selection Entered by number key Enter confirmation
Chapter time:	Display currently played chapter time, capable of skipping to the header time required for playing	L/R button selection Entered by number key Enter confirmation
Repeat	Select repeat approach for header, section and track etc., or disable such a function.	R/L button selection Enter confirmation
Time display	Select to display the Playback or Remaining Time button selection of subject/chapter or disable such a function	L/R Enter confirmation

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10   DVD audio key

 The key is used for selction of Multi-language DVD disk.

11   DVD repeat selection key

 Press once at DVD mode to repeat the play.

12   DVD setup key

 Press once at DVD mode to enter DVD setup menu.

Capacity of Disks:

Since DVD compact disks have single side/double layer and single/double side specifications. Therefore, as the specifications differ, there will be different capacity, so according to different capacities, DVD can be divided into four specifications: DVD-5, DVD-9, DVD-10 and DVD-18.

Specifications of disks:

Type	Diameter	Side/Layer	Capacity	Playback Duration
CD-ROM	12cm	Single side	650MB	75min audio
DVD-5	12cm	Single side single layer	4.7GB	over 2h video
DVD-9	12cm	Single side double layer	8.5GB	about 4h video
DVD-10	12cm	Double side single layer	9.4GB	about 4.5h video
DVD-18	12cm	Double side double layer	17GB	over 8h video

DVD Setup

Press this button for a while to enter the DVD setup menu

For DVD, total 6 options are offered including language setup, audio setup, video setup, rating setup and misc setup.

1.Language Setup

Attention: If the selected subtitle language is recorded in the DVD disk, while playing, the subtitles will automatically display the selected language; if there is no selected language recorded, then it will display the subtitle language designated on the compact disk

--Language--	
OSD Language	English
Sutitle	
DIVX Subitie	
Audio	
DVD menu	

--Language--	
OSD Language	English
Sutitle	Russian
DIVX Subitie	Chinese
Audio	Auto
DVD menu	Off

--Language--	
OSD Language	Turkish
Sutitle	Center European
DIVX Subitie	Cyrmc
Audio	
DVD menu	

--Language--	
OSD Language	
Sutitle	
DIVX Subitie	English
Audio	Russian
DVD menu	Chinese

--Language--	
OSD Language	
Sutitle	
DIVX Subitie	
Audio	English
DVD menu	Russian
	Chinese

2、Video setup

--Video--	
Aspect Ratio ▷	**16:9**
View Mode	4:3
TV System	
Video Out	
Smart Picture	

--Video--	
Aspect Ratio	
View Mode ▷	**Fm**
TV System	Original
Video Out	Auto Fit
Smart Picture	Pan Scan

--Video--	
Aspect Ratio	
View Mode	**Ntsc**
TV System ▷	PAL
Video Out	Multi
Smsrt Picture	

--Video--	
Aspect Ratio	
View Mode	
TV System	**Component**
Video Out ▷	RGB
Smart Picture	P-SCAN

--Video--	
Aspect Ratio	
View Mode	
TV System	**Standard**
Video Out	Vivid
Smart Picture ▷	Cool
	Personal

3、Audio Setup

--Video--	
Bass mangament ▷	**O f f**
Front Speakers	O n
Center Speaker	
Surround Speaker	
Subwoofer	
Test Tones	
Center Spkr Delay	
Surr Spkr	
Digital Output	

--Video--	
Bass mangament	
Front Speakers ▷	**L a r g e**
Center Speaker	S m a l l
Surround Speaker	
Subwoofer	
Test Tones	
Center Spkr Delay	
Surr Spkr	
Digital Output	

Menu 1
```
– Audio –
Bass mangament
Front Speakers
Center Speaker      ┌──────────┐
Surround Speaker  ▷ │ Large    │
Subwoofer           │ Small    │
Test Tones          │ None     │
Center Spkr Delay   └──────────┘
Surr Spkr
Digital Output
```

Menu 2
```
– Audio –
Bass mangament
Front Speakers
Center Speaker
Surround Speaker    ┌──────────┐
Subwoofer         ▷ │ Large    │
Test Tones          │ Small    │
Center Spkr Delay   │ None     │
Surr Spkr           └──────────┘
Digital Output
```

Menu 3
```
– Audio –
Bass mangament
Front Speakers
Center Speaker
Surround Speaker
Subwoofer           ┌──────────┐
Test Tones        ▷ │ None     │
Center Spkr Delay   │ Present  │
Surr Spkr           └──────────┘
Digital Output
```

Menu 4
```
– Audio –
Bass mangament
Front Speakers
Center Speaker      ┌──────────┐
Surround Speaker    │ Off      │
Subwoofer           │ Left     │
Test Tones        ▷ │ Right    │
Center Spkr Delay   │ Center   │
Surr Spkr           │ Left Surr│
Digital Output      │ Right    │
                    │ Subwoofer│
                    └──────────┘
```

Menu 5
```
– Audio –
Bass mangament
Front Speakers
Center Speaker
Surround Speaker    ┌──────────┐
Subwoofer           │ No Delay │
Test Tones          │ 0.3 m    │
Center Spkr Delay ▷ │ 0.6 m    │
Surr Spkr           │ 1 m      │
Digital Output      │ 1.4 m    │
                    │ 1.7 m    │
                    └──────────┘
```

Menu 6
```
– Audio –
Bass mangament
Front Speakers
Center Speaker
Surround Speaker    ┌───────────┐
Subwoofer           │ No Display│
Test Tones          │ 1 m       │
Center Spkr Delay   │ 2 m       │
Surr Spkr         ▷ │ 3 m       │
Digital Output      │ 4 m       │
                    │ 5.1 m     │
                    └───────────┘
```

Menu 7
```
– Audio –
Bass mangament
Front Speakers
Center Speaker
Surround Speaker
Subwoofer
Test Tones
Center Spkr Delay
Surr Spkr           ┌──────────┐
Digital Output    ▷ │ Off      │
                    │ PCM      │
                    │ All      │
                    └──────────┘
```

Attention:

Different model has different audio setup,please take actual model as standard.

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4、Rating setup

```
┌─────────────────────────────────────┐
│            ‐ Audio ‐                 │
├─────────────────────────────────────┤
│  ┌──────────────┐▷┌──────────────┐   │
│  │Parent control│ │   S.adult    │   │
│  │ Set Password │ └──────────────┘   │
│  └──────────────┘                    │
│                                      │
│                                      │
│                                      │
│                                      │
│                                      │
│                                      │
└─────────────────────────────────────┘
```

5、Misc Setup

```
┌─────────────────────────────────────┐
│            ‐‐Misc ‐                  │
├─────────────────────────────────────┤
│  ┌──────────────────┐                │
│  │Use DefaultSetting │                │
│  │ Divx Registration │                │
│  └──────────────────┘                │
│                                      │
│                                      │
│                                      │
│                                      │
│                                      │
│                                      │
│                                      │
└─────────────────────────────────────┘
```
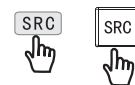
AUX Playback

[SRC] [SRC]   Select AUX for playing back external audio and video.

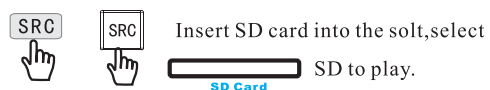The control menu of AUX playback is empty, but AUDIO; VIDEO; EQ; MODE and FUNC are still available.
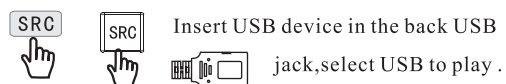
CAMERA Playback

[SRC] [SRC]   Select CAMERA

The control menu of CAMERA playback is empty, but AUDIO; VIDEO; EQ; MODE and FUNC are still available.

SD Card playback

Insert SD card into the solt,select SD to play.

SD Card supports hot plug,please refer to the operation of DVD play,they are the same.

USB playback

Insert USB device in the back USB jack,select USB to play .

USB jack supports hot plug,please refer tothe operation of DVD play,they are the same.

GPS function

Choose GPS to enter GPS Navigation.

In the GPS condition,all the touch menu are ineffective.Except touch operation for navigation.You can use the panel key and remote control to operate after exit GPS.You need a connector for exernal GPS box ,the connector and external GPS box are optional.

Please see the images

GPS connector

GPS box

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Radio Operation

`SRC`   Select and listen to Radio

Band Selection
1. Repeatedly press `FM/AM` to switch among different bands:
FM1   Fm2   AM1

Preset Radio Station Utilization
1. Using numeric buttons on the remote control to select.
2. Directly touch the radio station storage area `5.99.3` to activate   preset radio station.

Advanced Function Operation

1.Manual Search

Press the menu adjustment buttons `◄◄` `►►` on the remote control (ordirectly touch the   manual search area   on the   screen) to start   searching radio station automatically, which only stops when a station is found. At the   same time, the actual frequency of searched station displays on the screen.

2. Automatic Search

Touch the fully automatic search area on the screen `⊛` to start searching from 87.5MHz, which only stops when the storage for 16 preset stations is full or the current frequency reaches 108.0MHz.

3. Manual Save

A) When it becomes perfect by fine-tuning, press   and the current frequency flashes until being saved to the posi   ou select. Or press "NTER"alternatively on the remote control to save it.

B) Directly   touch   the   current frequency   and   it   flashes   and becomes red. Then select the storage position for the   current frequency on the touch screen directly and click the it again to stop flicking and save it accordingl.
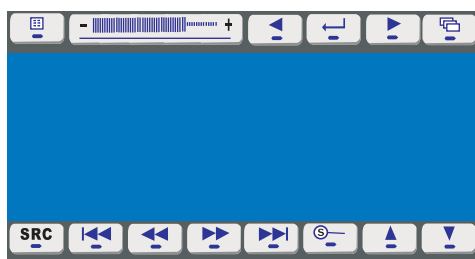
Attention:

1.In automatic search, press any button to stop searching.

2. This player can save up to 24 radio stations, 8 for FM1, FM2 and AM respectively.

3.Fully automatic search is only available for AM/FM.

4. In the manual save mode, no   button can be actuated while the frequency to be stored is flashing.

TV Reception

SRC Select and watch TV

1. Preset Channel Utilization

Use the remote control or click the relevant buttons on the touch screen to activate TV function. Press this button to select previous or next TV channel. In this way, when the end is reached, system will start from the beginning channel automatically. And channels can be selected by pressing the numeric buttons directly. If the number of channel comprises of 2 digitals, only typing in both digitals within 2 seconds is acceptable. Otherwise, system solely recognizes the channel corresponding to the digital put in first.

2. Automatic Search

In the TV mode, touch to start searching automatically. When a channel is found,press the same buttonagain to stop searching and save the found channel.The player can save up to 100 channels. During the process of search, press any button or touch any active spot on the touch screen abort and quit. When search is over, the system goes to the first channel.

A)TV System Selection

Touch the System: PAL area to select TV system. TV systems are PAL/NTSC/SECAM/PAL-M/PAL-N.

B)TV Sound Selection

Touch the Sound: D/K area to select TV sound system. TV sound systems are D/K B/G I M/N.

```
System:  PAL
Sound:   D/K
Search:  Start
```
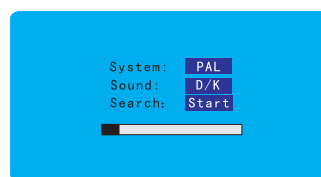
Attention:

1. This player can save up to 100 channels;

2. When the reception effect is poor, please check out the antenna proper connection;

3. The reception effect can be affected by either poor signals or high driving speed, which has nothing to do with the player itself.

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Touchscreen Rectification
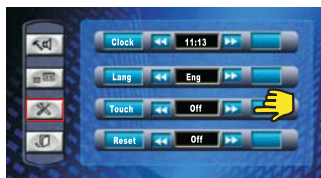

touchscreen rectification menu

In function menu,touch

to logo into touchsceen rectification menu

Operation point

Operation steps:

1.Use something spiky to clink the coordinate of the NO.1 position,the coordinate will be red after clinked,XPOS:168ypos:88in the middle will display the current coordinate value,(Note:Never use too acuity or tartness things,otherwise the touchpanel might be hurt).

2.As the first step,take turns to select coordinate 2,3,5,all the coordinate will be red,as the following image shows:
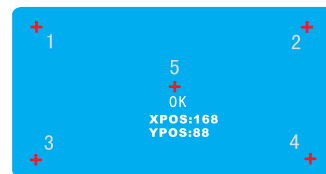
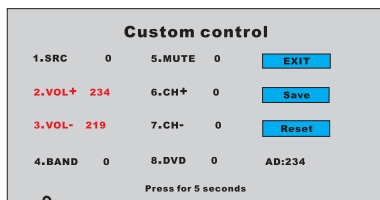**3.Press"enter"of the remote control,finish the rectification.**

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Switch wheel control keys setup

Menu for setup the keys
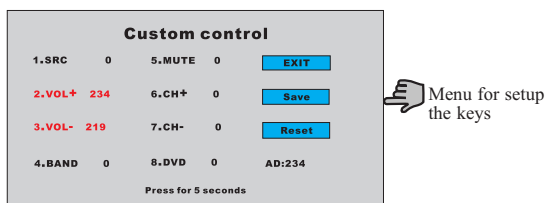
Note:

Press 1234enter to enter setup menu under stand-by state.Make sure to get right connection for the three control cables for keypress.


setup key

Operating Procedure:

1. Press 1234enter to enter setup menu under stand-by state.

2.Setup menu includes 8 function keys,touch the one you need to setup,the menu will show "please press for 5 seconds",you will see "Setup Success" after you done it successfully;If failed,please repeat the above procedures.

3.Repeat as the operate 2 to touch the keys of what you need sequentially,you can setup 8 keys at the most.

4.Press "save" key to save and exit,after you finish the setup.

5.Press "Reset" to resetting,then repeat the above procedures if you need to eliminate the setup records and re-setup the keys.

GPS Players

GPS Keys,Remote control:

Short press:

Short press GPS control button under GPS mode,shift to last state；If not in GPS mode,shift back to GPS mode.
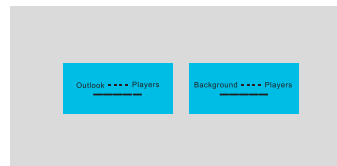
Short press GPS control button,you will see Normal/Multi setup menu.In Normal mode,it is like the normal GPS mode；In Multi mode,you can see the GPS image and listen music at the same time,when there is a voice direction,it will shift automatically to voice direction mode,after voice direction,it will shift automatically to music mode.

For GPS navigation details,please read GPS software user manual.

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BlueTooth Function(optional)

SRC   SRC   Select BlueTooth Function

Information display zone

Multimedia
Control Key

Operation Key

Operation guide
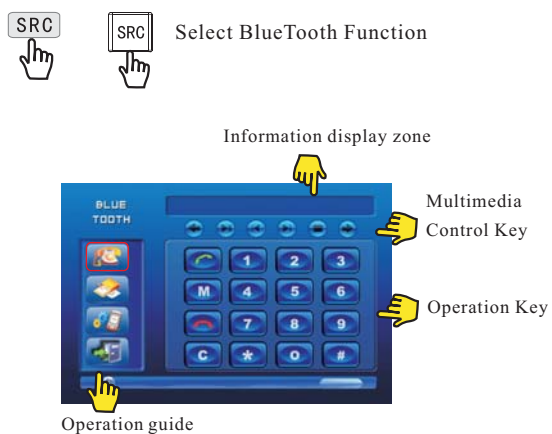
Bluetooth menu includes Information Display Zone,Multimedia Control Key,Operation Key and Function Selection zone.

1.Information display zone:used for display connection condition,incall display and other operate information.

2.Multimedia Control Key:used for bluetooth audio play. They are volume,down,play/pause,last,next,stop and volume up,in turns.

3.Operation Key

Used for dial operation ,0-9 ,*,# used for dial the number, M is the key to shift the voice from the DVD unite to cellp hone; C used for back space, dial out,   pick up.

4.Function Selection zone:

Telephone function   Set up

Telephone directory   Exit

Operation guide:

1.Press SRC to enter SOURCE selection,get into bluetooth.

2.Choose

3.Search the device which named "arkit"through your bluetooth mobile phone,then match it with the password 1234.

4.Connect the device,the display zone will show onnection?after you done it successfully.

5.Take the operations which your Bluetooth mobile phone supports.

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DVD disk in/out

USB

SD card slot for DVD

SD card slot for GPS

FRONT L

White +
White/
black

+ Gray
Gray/
Black

FRONT R

GPS Antenna

Mainframe

Radio Antenna

REAR L

Green +
Gren/
Black

+ Purple
Purple/
Black

REAR R

TV Antenna

Backer ound

Display

GPS
TV ANT
RADIO ANT

Video out

RCA out

Yellow

Manual brake switch

Manual brake cable   blue

BRK SW

Ground

Extennalpower amplifier   brown

Green   Antena control cable

Reverse mirror control cable

BACK SW

Ground   Reverse lamp

Ignition switch   Ignition detection   Red

ACC

Power+(BATT+)   Yellow

BATT+

Accumulat

GND   black

Groud

Yellow

Ground

Connect the Light control cable to the Headlight

(IPOD cable(for some models))

GPS

Front left   White

front right   Red

Rear left   White

Rear right   Red

AUX IN   White

Left

Red

Right

Yellow

Video

Camera

AV System Source

Video out

Camera

ACC power

Red

Power output

White   Wheel signal input

black   Ground

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Troubleshooting

Phenomenon	Cause	Resolution（only for reference）
No power supply	Wrong connection between wires and connector. Broken fuse The built-in microprocessor is unable to work normally due to noise and other factors.	Make sure again that all connections are made correctly. Find out the reason behind the breakage of fuse and then replace it with identical new one. Press RESET to restore to the factory settings.
Failure of Remote Control	Low Battery Certain functions are forbidden under specific modes.	Replace with new batteries. Enter the proper mode.
Unable to Play back Disk	The disk is dirty or incompatible with this player	Clean up the disk and check out the disk type. Insert a compatible disk into the player.
No Audio Output No Increase in Volume Failure of Specific Speaker	The cable fails to be connected properly. This player is playing back in slow motion or frame by frame. Incorrect audio setup	Rectify the cable connection. It is normal in slow motion or frame by frame playback. Configure speakers properly.
Defective Disk Parent Lockup Function is enabled. Current DVD has no extra languages for selection.	Unable to Play back Disk Parent Lockup Information Displayed and Blocking any Operation Unable to Change Language (subtitle included)	Change the disk for another one in good quality. Deactivate the Parent Lockup Function. No other choice if the DVD is recorded in one language.

Symptoms	Causes	Actions (for your reference)
No Subtitled Displayed	You can only switch it over to the options as shown in the disk menu. There is no subtitle recorded in the DVD. You can only switch it over to the options as shown in the disk menu.	Use the disk menu for switchover. If there are no subtitles recorded for the disk, then it is unable to show subtitles. Use the disk menu for switchover.
Failed to Play back According to Language in Audio and Subtitle Selected in the DVD Setup Menu Unable to switch over to another Viewing angle.	The current DVD has no audio or subtitle language in the DVD Setup menu. The current DVD has no a multi-viewing angle.	No choice is available in such a case.
Pictures are exceptionally vague/distorted or dim in the playback.	You try to switch it over to another viewing angle but there are no multi-viewing angles recorded in the disk. The disk is protected by anti-duplication (Some disks may have such a function).	Switch to other viewing angles when the disk is recorded in a multiple-viewing angle. As this player is compatible with the analog anti-duplication system, some horizontal lines or other interference phenomena may pop on the screen when the disk with anti-duplication function is played back in this player. When happened, it has nothing wrong with the player itself.
No image: PIC OFF is shown. When the ignition switch is turned to the ON position (or to the ACC position), the player automatically switches on.	You fail to connect the manual brake wires or fail to turn on the manual brake.	Connect the manual brake wire and then turn on the manual brake. This is quite normal.

Product specification

Power:	12V DC (allowable range: 10.8-14.5V)
Grounding system:	Negative pole type

Mainframe :

Maximum consumption of current:	15A
Size (W*H*D):	178*100*186mm
Weight y:	3.5kg

Display screen

Size/horizontal-vertical ratio:	6.2"/16:9
Pixel:	336,960 (1440*234)
Type:	TFT active matrix
Color system:	Full system
Range of operating temperature:	-20℃ ～+70℃
Range of storing temperature:	-30℃ ～ +80℃
Angle regulation:	0℃ ～50℃

Audio

Maximum output power:	45W*4
Load impedance:	4 Ω (allowable range: 4-8 Ω)
Advance output level/impedance:	4.0V/200 Ω
Encoder:	Linear PCM/Dolby digital/Dolby professional edit II/DTS

DVD player

System:	DVD audio，DVD video，VCD, CD，DTS CD and M P 3 system
Discs available:	DVD audio disk，DVD video disk, VCD, CD，DTS CD
Number of tracks:	2 (stereo), digital 6 tracks
MP3 encoding format:	MPEG-1 and 2 and Audio level 3

FM frequency modulator

Frequency range:	87.5~108.0 MHZ
Effective sensitivity:	10 DB(S/N：30 DB)

AM modulator

Frequency range:	531~1，629KHZ(9KHZ)
Effective sensitivity:	30 DB (S/N: 20 DB)

Packing List

No	Name	Qty	Remarks
1	Mainframe	1	
2	Remote control	1	Battery included
3	Accessories Bag	1	
4	Power cord, etc	1	1 set
5	Tool for Mainframe	1	1 set
6	Operation instructions	1	

Any possible change in product specification will not be notified particularly.

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