



An American Ingenuity

OPERATING INSTRUCTIONS

BEFORE OPERATING THE UNIT, PLEASE READ THIS MANUAL THOROUGHLY AND RETAIN FOR FUTURE REFERENCE



OWNER'S RECORD

THE MODE AND SERIAL NUMBERS ARE LOCATED ON THE BOTTOM. RECORD THE SERIAL NUMBER IN THE SPACE PROVIDED BELOW.

WARNING! HAZARD!

DO NOT OPERATE THIS UNIT UNLESS VEHICLE IS PARKED IN SAFE AND LEGAL AREA.

ICBM-1-TOUCH

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Matters to Note:

Matters to note:

To avoid injury or any accident, please read carefully the following reminders before installing and operating this machine.

On Safety

Please comply with the traffic rules in your country.

Don't watch or operate the monitor while driving, which may distract you and result in accident.

Park your car in a safe place before watching the monitor and operate this machine.

Don't put your hands, fingers or other things in this machine while operating, which may hurt you or destroy the machine.

Put small hardware in places where children cannot reach.

On thunder-storm days, don't touch TV antenna and monitor at the same time, which may bring you an electric shock.

Set in sunshine, the car's interior temperature will rise quickly, cool it before operating this machine.

TV/AV pictures will not show until the car has been stopped and braked. Don't watch it while driving, otherwise traffic accident may occur due to your distraction.

Remember to fasten your safety belt while driving, otherwise the probable hurt will be much worse if there is an accident.

Installing Location

Do not install this in machine where

The drivers' view may be obstructed.

The operation of the car or the airbag system will be obstructed.

It will obstruct the operation of the car, especially the steering wheel, shift lever and brake pedal.

Matters to Note

Installation

Qualified Technicians or Repairmen are expected to install the DVD.

Improper Installation may lead to creepage or short circuit.

Please check connections first when it does not work well. If connections are all right, check the fuse then.

Replace the fuse

Fuses in the same specification (current) are required to replace the original one.

It is very dangerous to use fuses in different specifications or wires, which may damage the machine severely.

Prevent the Surface from Destroying

Keep the machine surface away from chemicals like pesticide, fixture, or insecticide, which may distort the surface.

Don't put rubber or plastic items together with the machine for a long time, otherwise the surface lacquer will be destroyed; it may also lead to fire or other accidents.

Turn the power switch to OFF while installing the machine, otherwise it may lead to creepage or short circuit.

Don't let the needle destroy any car parts, like pipes, oil box or other circuitries.

Dew condensation

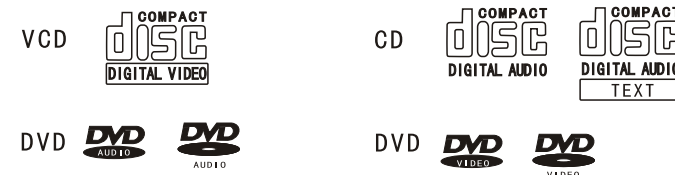
If the temperature changes too quickly, there may appear dewfall in the display screen. It will be all right soon when the humidity vaporizes.

If you have any doubts or questions, please consult the dealer nearest to you.

About the Machine

Applicable Disks

All DVD, VCD and CD bearing the following symbols can be played in this machine.



DVD Region Code

DVD Disks with incompatible region code cannot be played (this machine is for all code.)

Matters to Note

Reset the micro-processor

Press RESET to initialize the micro-processor.

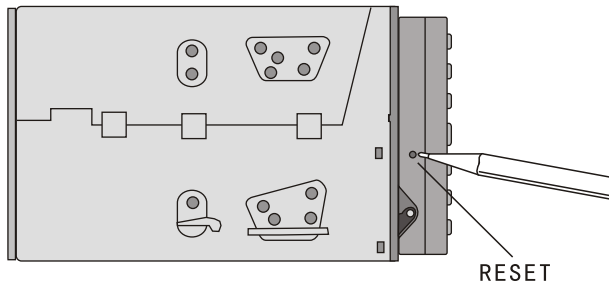
The reset operation is needed only when:

The machine is used for the first time after installation.

This machine does not work well.

Abnormal or incorrect information appears in the monitor.

- 1、 Turn the power switch to OFF.
- 2、 Press RESET with penpoint or other pointed objects.



⚠ Precautions:

Please turn the power switch to OFF before you press RESET when completing the connection or all the memories have been lost and need a reset.

Matters to Note

The Use and Maintenance of Remote Control

Replacing the Lithium Battery

Normally, the battery can last for about 1 year. (Its lifespan may be shortened due to different working conditions. When the battery power becomes weak, its function will be narrowed. Replace it with a new Cr2025.

⚠ Precautions :

Keep the battery out of the reach of children. Should the battery be swallowed, consult doctors immediately.

Wipe the battery with dry cloth to assure a good contact.

Please insert the battery with correct polarity.

Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.

Precautions:

The battery may explode if mistreated. Do not recharge, disassemble the battery or put it in fire.

Installing Steps:

Take out the projecting slice at the bottom of the card battery when it is used for the first time.

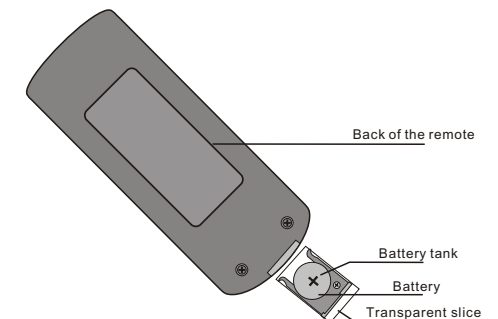
- ◇ Take out the battery buckle
Press the battery buckle and pull it out.

- ◇ Replace the battery

Put the battery in the buckle with its anode upward.

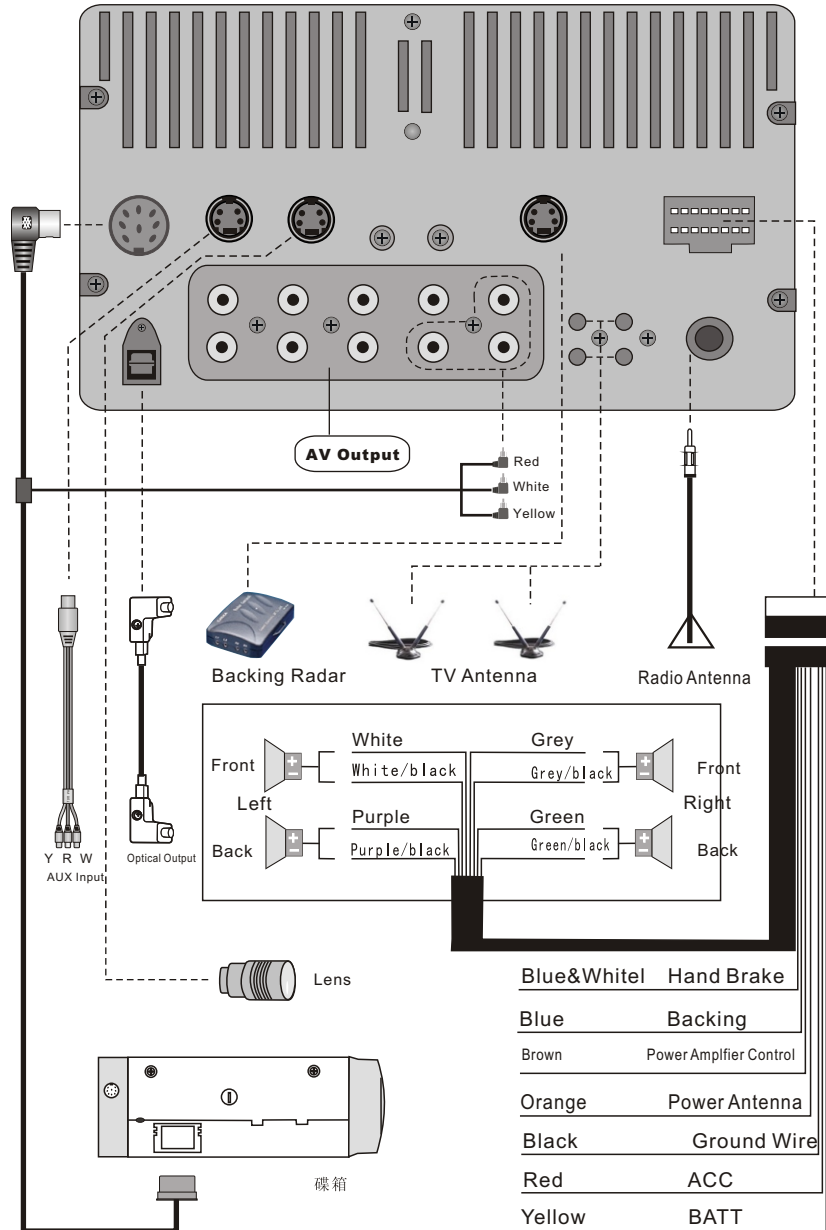
Insert the battery buckle.

Push the buckle to its original position.



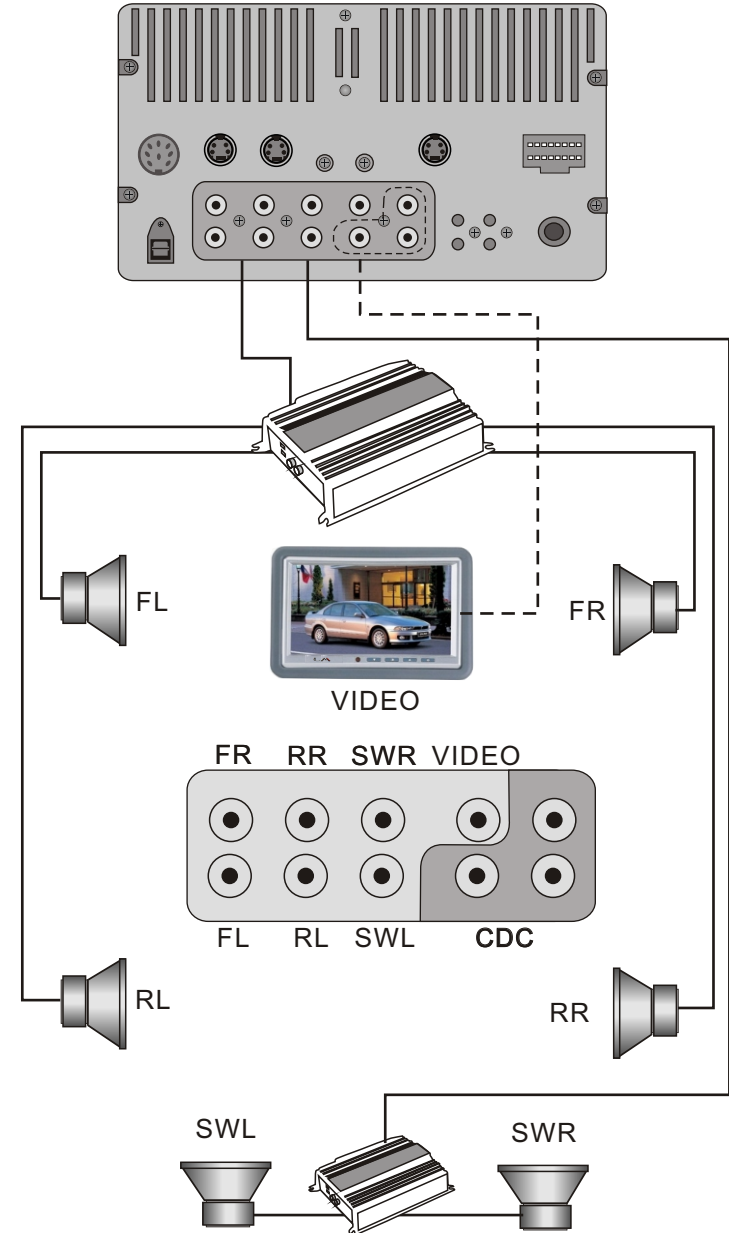
Connection Instructions

Connection Instructions

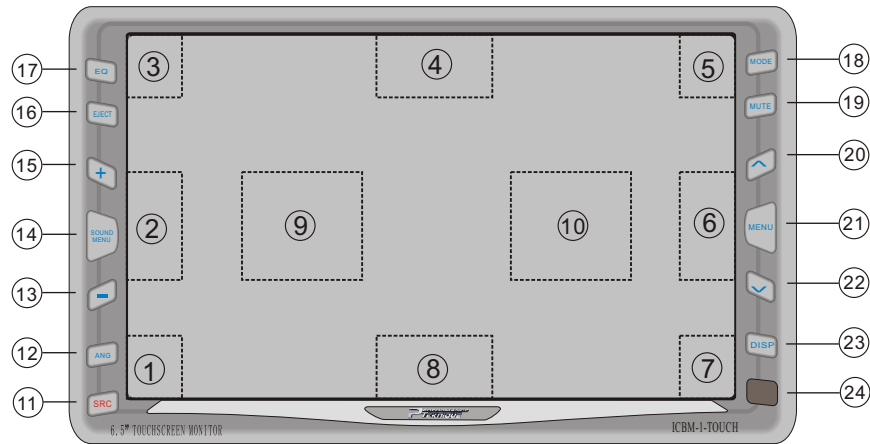


Connection Instructions

Connection of Separate Power Amplifier



Touch Key Functions



Touch Key Functions:

Notes: Touch Keys 1、2、3、5、6、7 are used to activate menus, they will not be valid until there is no menu display. Keys 4、8、9、10 are valid as soon as the machine is on.

1、Touch Key ① SRC(Vedio source)Function Key

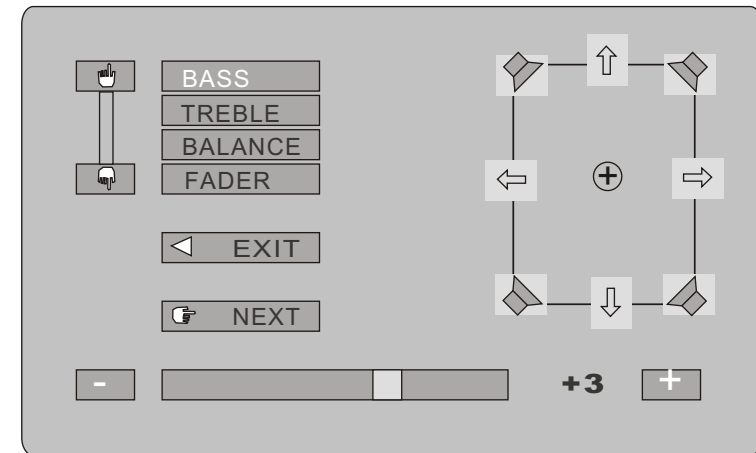
This key is valid only when the machine is on. Touch it, and the following menu will appear. Touch and select one, the machine will change to that play source. The machine will enter the highlighted item 2 seconds later if there is no further operations.



Touch Key Functions

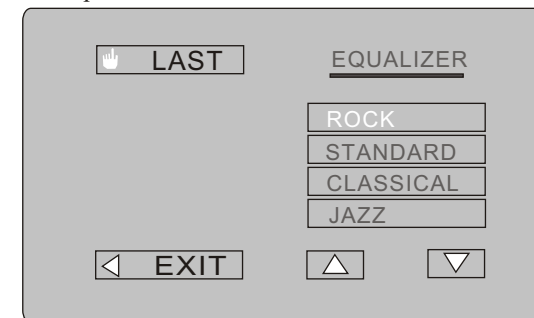
2、Touch Key ② Sound Menu Function Key

Touch this key, and the sound menu will appear. Any item in this menu can be touched and selected freely. BASS, TREBLE, BALANCE and FADER can all be adjusted. While adjusting BALANCE or FADER, one can use the demonstrated arrowhead; when the cursor changes from pink to green, it means the sound field is located in central position.



3、Touch Key ③ Sound Pattern

Touch this key and Sound Pattern Menu will appear. Touch and select wanted sound pattern. Patterns like ROCK, STANDARD, CLASSICAL, JAZZ have been preset.



Touch Key Functions

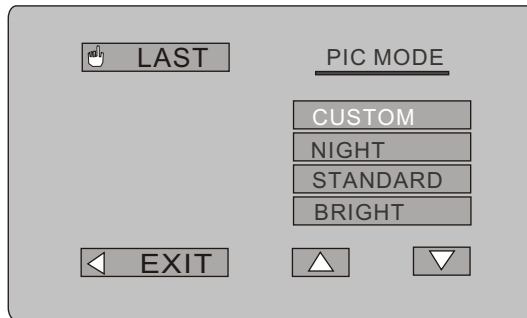
4、Keys ④ ⑧ Monitor Angel Adjusting

Press ④ and ⑧ to adjust the monitor angels within its variation scope.

5、Key ⑤ Picture Mode Menu

Touch this key to activate picture mode menu. Touch and select wanted picture mode. Four modes are preset here:

STANDARD, NIGHT, CUSTOM, and BRIGHTNESS.



6、Key ⑥ System Menu

Touch this key to activate System Menu, which has 3 pages, each item of the menu can be touched and selected freely.

Among them are PIC item on page 1:

BRIGHT
CONTRAST
COLOR
RESET

and SETUP item on page 2:

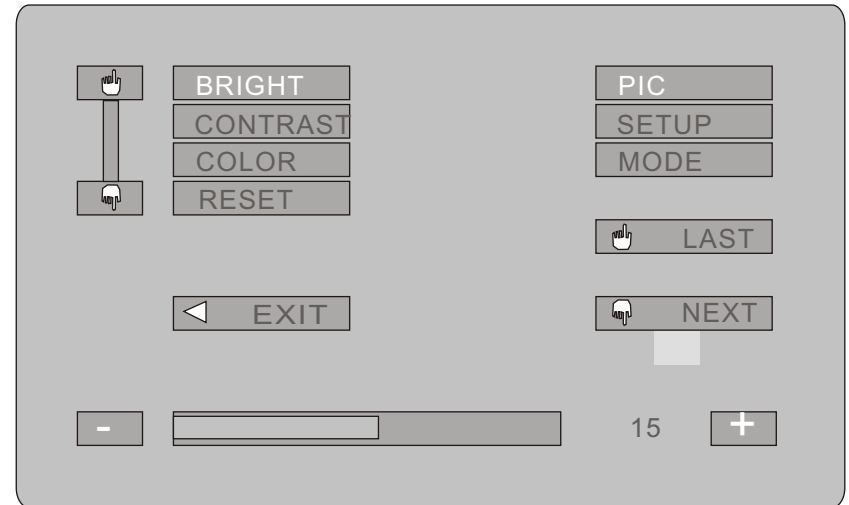
MIRROR
BLUE
CLOCK
TUNE

and MODE item on page 3:

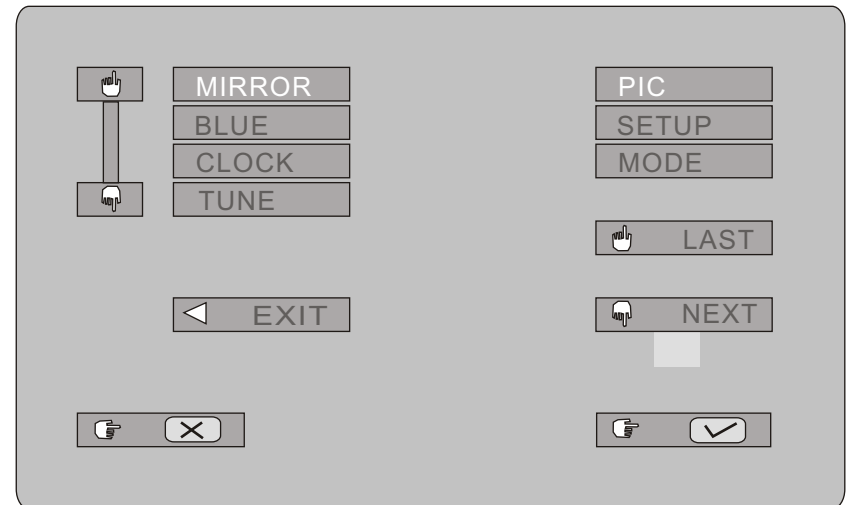
Picture Modes

Touch Key Functions

System Menu Page 1



System Menu Page 2



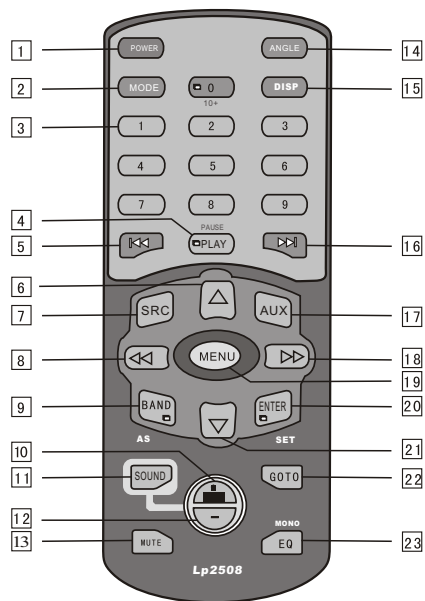
Key Functions

- 7、Function Touch Key ⑦
Touch this key, different menus will appear in different program sources (DVD,CDC,TV) .Please refer to related chapter.
- 8、 Touch Keys ⑨ ⑩ Volume Adjusting
Touch these keys to increase or decrease the volume.
- 1、 Key ⑪ SRC (video sources)
On idle state, this key will display SRC menu (power on).In practice, this key is long-pressed to turn off the machine (OFF). Other functions of this key is the same as Touch Key SRC.
- 2、 Key ⑫ ANG(angel)
Press this key on power-on state, the angel of the monitor will change within the scope of Minimum and Maximum angel until the key is let go.
- 3、 Keys ⑬ and ⑮ (VOL) Volume and Sound Adjusting
Press Left to decrease, press Right to increase when power is on until the key is let loose..
- 4、 Key ⑭ SOUND MENU
The function of this key is the same as Touch Key ② (sound menu).
- 5、 Key ⑯ EJECT (DVD eject key)
In standby state, press the key to enter DVD mode. The DVD disc shall eject automatically. In other state, press the key to enter DVD mode automatically the DVD disc shall eject automatically. During the process of eject, if the display block the disc eject, the display shall descend to a proper position to ensure the eject. (If the display has descended, it will go back to the original position before eject by pressing the ANG key for the first time.)
Precaution: Don't press the ANG key until the disc enters the machine completely.
- 6、 Key ⑰ EQ(sound patterns)
Its function is the same as Touch Key 3 (sound pattern)
- 7、 Key ⑱ MODE(picture modes)
Its function is the same as Touch Key 5 (picture modes)
- 8、 Key ⑲ MUTE
Turn on and off the sound

Key Functions

- 9、 Keys ⑳ and ㉒ Menu Adjusting
Adjust relevant menu item when there is a menu display. If no menu display, they will change between TV and RADIO, change music in CDC mode, and function as Fast Play in DVD mode.
- 10、 Key ㉑ MENU(Main Menu)
Same as the Main Menu Touch Key
- 11、 Key ㉓ DISP(Display)
This key functions differently under different states:
DVD state: Turn on/off DVD OSD display
CDC state: Turn on/off CDC information display
Idle state: Check and adjust time
- 12、 Key ㉔ IRRX Window
Never cover this window, avoiding the malfunction of remote operations.

Keys on Remote Controller



1、POWER

Press it to switch off the machine and the monitor will retract to the MIN angle. Press it to start the system on idle state, and the monitor angle will rebound.

2、MODE

Press it to select different preset picture modes: STANDARD, SOFTNESS, CUSTOM, and BRIGHT.

3、Number Keys

(long-press 0 means 10+)

4、PLAY

Put in disks, and press this key to play; long-press it to PAUSE.

5、16、CHANNEL(+/-)

Change music in DVD mode, change disks in CDC, and change channels in TV/RADIO mode.

6、Menu Selection(+)

7、SRC(Playing Source)

The machine will be on once the playing source is selected. This key can switch among DVD, CDC, AUX and TV. The machine will enter the selected item if there is no further operating for 2s. The machine will be OFF if this key is pressed for over 2s.

8、Menu Selection(-)

9、BAND Key

This Key can be switched between FM1, FM2 and AM, a long press means AS of FM.

10、Volume(+)

11、SOUND

Press this key can switch between Low, High, Balance and Fader.

12、VOLUME(-)

13、MUTE

Press this key to switch between Mute and Sound

14、ANGLE

Change the angle of LCD panel

15、Information Display

17、AUX(auxiliary input)

Press it to switch between AUX and CAMERA

18、Menu Adjustmng(+)

Keys on Remote Controller

19、MENU (main menu)

20、ENTER(setting)

Confirm in DVD mode, (long-press it DVD menu),

Save in TV and RADIO mode.

21、Menu Select (-)

22、GOTO(switch to DVD)

Press this key and input number and press confirm key, the program will be switched to relevant position.

23、EQ

Press this key to select different modes:

STANDARD JAZZ CLASSICAL ROCK

24、REPEAT

Long-press Key 5, can repeat playback when playing a DVD.

25、SOUND CHANNEL SWITCH

Long-press key 7 to switch sound channels:

R+R L+L STEREO

26、AC3/DTS SWITCH

Long-press Key 8, it will change between Ac3 and DTS.

27、TITLE SWITCH

Long-press key 9, it will change the title.

⚠ Notes:

Some keys are valid only in specific situations

Long-press means to press the key over 2 seconds

Basic Operations

SRC Functions

The machine is on once the playing source has been selected Press this key to switch between the following playing sources:

- 1.AUX Select Auxiliary Input
- 2.CDC Select Disk Input
- 3.TUNER Select Radio, and radio menu will be displayed
- 4.TV Select TV Input
- 5.DVD Select DVD Input
- 6.EXIT Exit, Close the System

The playing sources can be selected through touching directly, and the system will enter the highlighted item if there is no selection after 2 seconds.

Turn Off the Machine:

- Long-press SRC key, OFF will appear and the system closed.
- Press SRC, touch menu will appear, select EXIT.
- Switch off ACC power source.

Precautions:

- The monitor will retract automatically to the minimum angel.
- The machine will retract automatically and close 5 seconds later if the power switch is turned from ON to OFF.
- When the power switch is turned to ON or ACC again, the system will reset automatically and rebound to its previous status.
- When the system is turned off, pls make sure all the panels are closed. If the closing of the monitor stops for some obstacle and nothing is done to change it, damage may occur.

Volume Adjusting

- 1.Use the Volume key on the host panel.
- 2.Touch the volume adjusting area
- 3.Use the Volume key on the remote controller

Basic Operations:

Adjust the Monitor Angel:

- Press ANG key on the monitor panel, the monitor will move within the minimum and maximum angels, until the key is let off.
- If it is a short press, the monitor will be slightly adjusted following its original direction.
- Touch the angel adjusting area on the monitor panel, area (4) is to increase the angel, and area (8) is to decrease.

Precautions:

While adjusting the angel of the monitor panel, press ANG key or touch the angel adjusting area. Do not move or press the monitor by hand, or serious damage may occur.

Playing DVD:

Press SRC to select DVD, insert valid disk in the disk box.

Insert valid disk in the disk box directly. When the DVD playing menu appear, press PLAY (or SET) key, the system will play the disk automatically. If you want to exit, press EJECT.

Precautions:

The system can play one 12cm or 8cm DVD disk (single-sided)
Please do not use adapters while playing 8cm disks.

Do not insert anything except disks in the disk box.

If you can't insert a while disk, or it cannot be played, please check whether the label side is upward. Press EJECT to take out the disk to see whether there is any damage before inserting it again.

If DVD indicator displays RED, it means there is no disk in the box.

If it is blue, it means there is a disk. Do not insert disk forcefully in this situation, so as not to harm the interior devices..

Tuner

Listen to the Radio:

Basic Operations:

Change Bands:

- Press BAND repeatedly until you find needed band.
- Touch current band area to change the band.

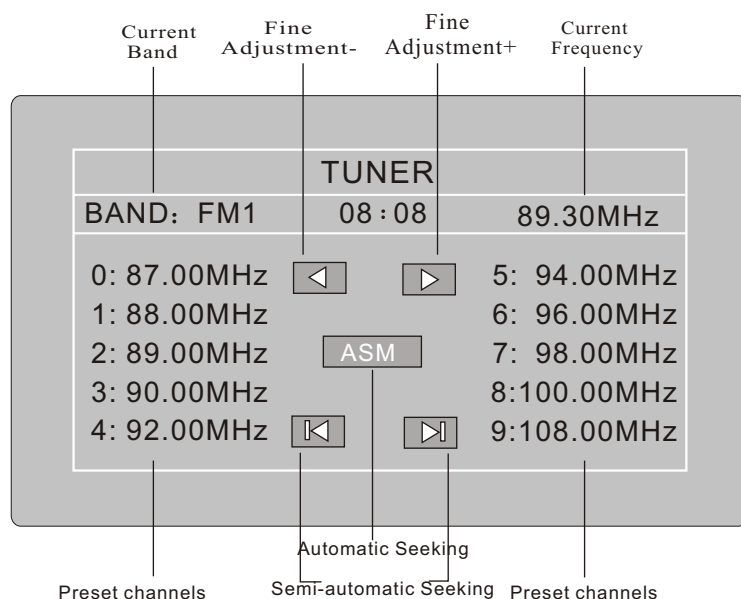
The following bands will be displayed in turn: FM1--FM2---AM

Use the Preset Radio Stations:

- Select with numberkeys on the remote controller
- Directly touch the memory radio stations

Fine Frequency Adjustment:

- Use menu adjusting keys on the remote controller
- Directly touch fine adjustment area on the screen



Tuner

Advanced Function Operations

1、Semi-automatic Seeking

Press menu adjusting keys on remote controller for 2 seconds or touch the semi-automatic seeking area on the screen, the system will begin to seek proper frequency. Current frequency will be displayed.

2、Automatic Seeking

Press BAND button for about 2 seconds or touch the Automatic Seeking area on the screen(ASM), the system will seek channels automatically starting from 87MHz until the memorizer is full(20 channels) or reaches the highest frequency of 108MHz.

3、Manual Storage

- Press SET(or ENTER on the remote) when the best frequency is found and current frequency display will glitter. Select storage location with CH+, CH- and then press SET(or ENTER) to store it.

- Touch current frequency, it will glitter and the color turns to RED. Touch and select storage location, then touch current frequency, it will stop glittering and be stored.

⚠ Precautions:

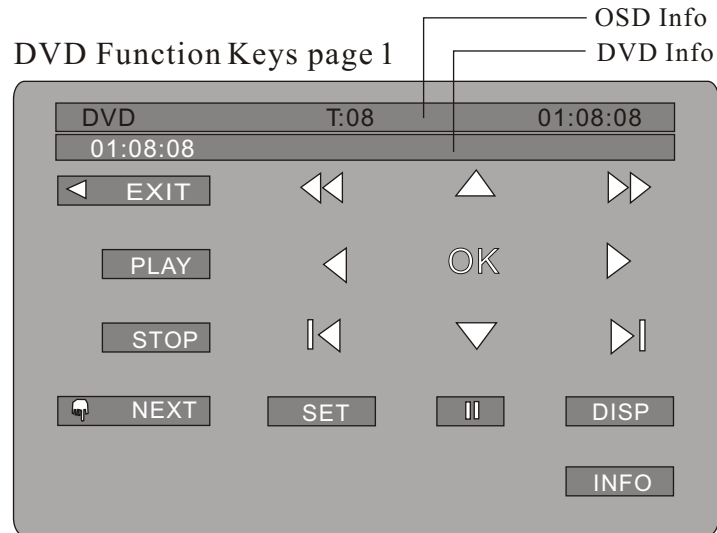
- 1、 Press any key to stop auto seeking.
- 2、 This machine can preset 30 channels, 10 for Fm1 and Fm2 respectively.
- 3、 Automatic seeking is valid only for FM.
- 4、 During manual storage, no other key operation is permitted when the display content is glittering.

DVD Playing

DVD Function Operations

- To Operate with remote controller
- To use Touch Key Functions:

Press the function keys area, the following 2 pages information about touch keys will be displayed.



DVD Function Keys page 2



DVD Playing

1、DVD Playing and Pausing

Press PLAY on the remote to play, long-press it to pause.

Touch PLAY to play disks.

Press PLAY again to stop PAUSE and continue to play.

2、DVD Stop Playing

Touch STOP key to stop playing.

3、Backward and Forward

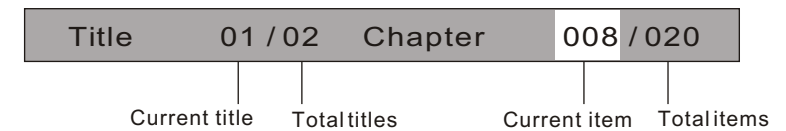
Press menu adjusting keys on the remote or touch keys ◀◀ and ▶▶ when DVD is playing to Backward or Forward. Press PLAY to resume playing.

4、Music Selection

While playing, press menu adjusting keys or touch keys ◀ and ▶ to play the previous or next item.

5、Skip to designated item

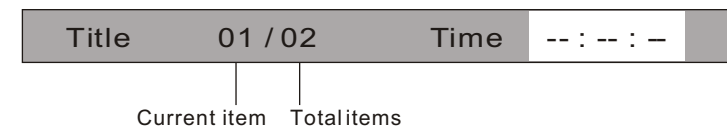
Press GOTO once, the following will be displayed:



Input wanted skip number and press OK, DVD will switch to play relevant music item. If the number is over 10, press 10+ first, then press other numbers. For example, press 10+ twice, and then press 8 to get 28.

6. Skip to Designated Time

Press GOTO twice, the following will be displayed:



Input the time and press OK, DVD will continue to play from relevant time.

DVD Playing

7、DVD Information Display

Touch key INFO can control the way of DVD info display.

8、OSD Info Display

Touch key DISP can control the way of OSD info display.

9、DVD Playing Menu

Touch key MENU can activate DVD menu; touch direction keys and OK to play DVD.

9、DVD Title

Touch TITLE to come back to DVD title menu.

Precautions:

- 1、 Since there is 2 pages of touch menu, LAST and NEXT has to be used to select relevant page, press EXIT to exit the menu.
- 2、 The above operations and information will vary a little due to different disks.
- 3 Due to its special saving format, special operations are needed while playing MP3.

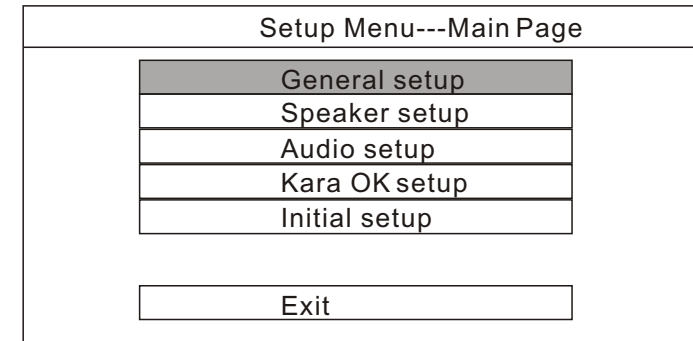
To play Mp3 from designated folder:

Move cursor to designated folder through direction keys, press OK to enter this folder and select files from it through direction keys.

DVD Setup

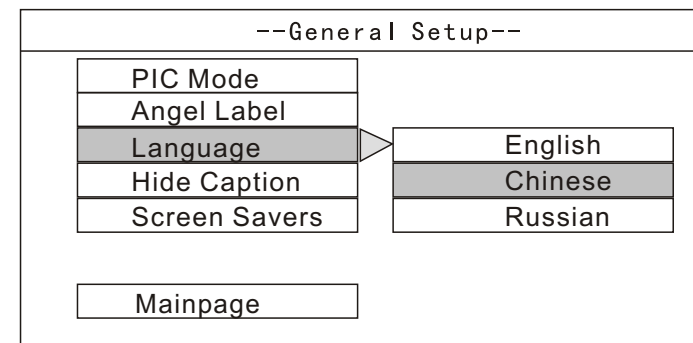
The Main Page of DVD Setup

Long-press ENTER on the remote or touch SET in DVD operation menu to perform general setup, speaker setup, audio setup etc.



General Setup

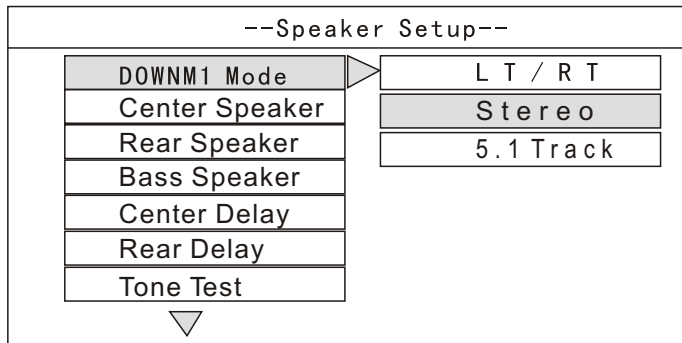
In the setup mainpage, select General Setup through direction keys, press ENTER on the remote or touch SET to enter General Setup page as follows:



DVD Setup

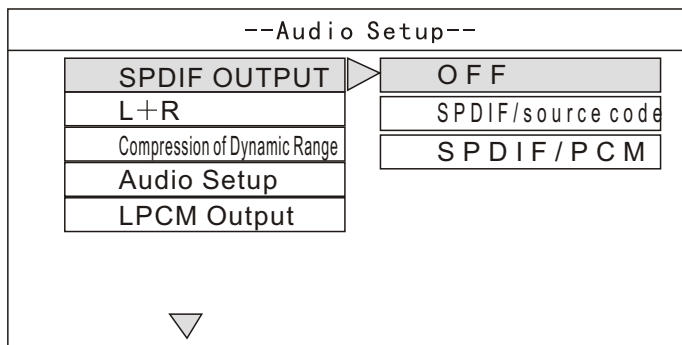
Speaker Setup

On Setup Mainpage, select Speaker Setup through direction keys, press SET or touch OK to enter Speaker Setup page as follows:



Audio Setup

Select Audio Setup through direction keys on the mainpage, press SET or touch OK to enter Audio Setup page as follows:

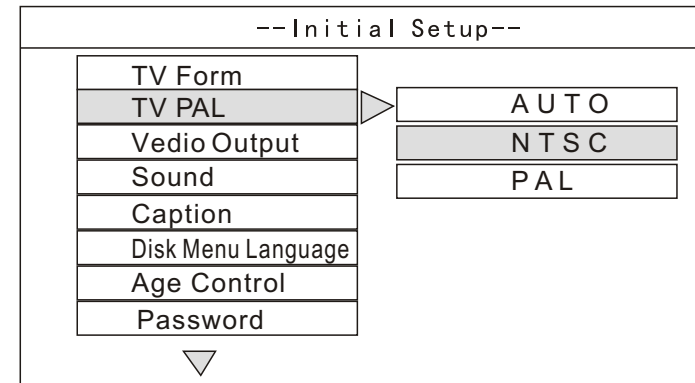


Precautions: In Audio Setup, SPDIF OUTPUT controls simulating output or optical output, and simulating audio output is prohibited where optical output exists.


DVD Setup

Initial Setup

Select Initial Setup through direction keys on the mainpage, press SET or touch SET to enter Initial Setup page as follows:



Precautions:

- 1、Touch Direction Keys (or menu selection keys on the remote) are used in DVD setup;
- 2、Normally, do not change the initial setup;
- 3、Simulating Audio Output is prohibited once SPDIF output is selected;
- 4、This machine supports PAL and NTSC, so try to use NTSC;
- 5、The default OSD language is English, and the PAL and NTSC tv tuner;
- 6、Karaoke function is not set, do not set Karaoke menu;
- 7、The initial password is 8888;
- 8、As long as disks are inserted, the machine will be in DVD playing mode.
- 9、As long as  is pressed, the machine will convert to DVD mode, relevant information will be displayed and disks are ejected automatically.

CD Playing

Press function touch area on the monitor, the following CDC touch keys will be displayed:



1、Playlist Selection

Touch \ll and \gg , or press menu adjusting keys on the remote to select Previous or Next item on the playlist.

2、Forward and Backward

Press \ll \gg , the system will go forward or backward, relevant information will be given. Press the button again, stop Forward or Backward.

3、Replace the disk by hand

Touch DISC or press \ll \gg on the remoter to play previous or next disk. Press the number keys on the remote to play disk with designated number; if the disks have not numbers, the system will just play the next one by sequence.

4、Automatic Replacement of Disks

The system will select next disk when the former one has been finished.

⚠ Precautions:

When the multi-disk CD player is ready, READY will be displayed.

If the CD player can't work well, ERROR will be displayed.

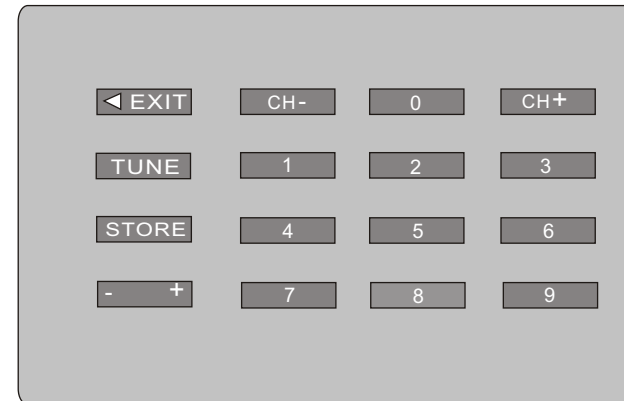
If the disk case is taken out, NO MAG will be displayed.

If the case is in the box but there is no disk, NO DISK will be displayed.

Press PLAY if it does not play automatically after replacing the disk.

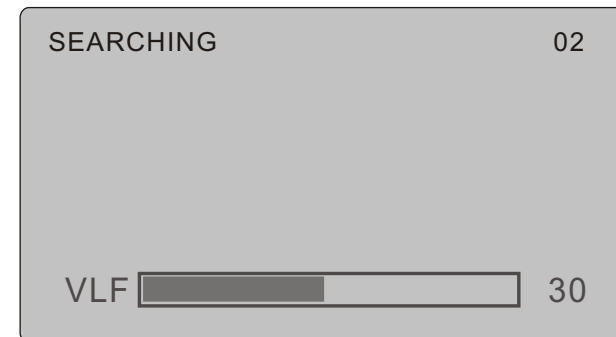
TV

Press the Function Touch Area on the monitor, the following TV touch keys will be displayed:



1、Automatic Seeking

In TV Mode, select TUNE from the System Setup, or press touch keys and touch TUNE, the system will start to seek automatically from VIF. The seeking will not stop until the stored channels reach 100. Press any key or touch any valid place on the touch screen will terminate the seeking. The first saved channel will be used after the seeking.



2、 Play Preset Channels

Press ◀◀ ▶▶ or open TV touch menu, touch CH+ and CH- to select previous or next channel. When the channel number is the maximum one, the system will change to the minimum channel. For example, if there is altogether 18 channels, and we are using channel 18 now and continue to select upward, the channel will transfer to channel 0.

Input numbers to select channel. If the first number is input and there is no further input for 2 seconds, the system will seek channel corresponding to the first number.

3. Fine Tuning

Touch Left or Right fine tuning button or use the remote controller. If the key is pressed continuously, the tuning effect will change continuously.

4、 Manual Storage

Use touch key STORE or press ENTER on the remote, STORE XX will be displayed. Press CH+ and CH- (channel selecting keys on the remote) to select wanted channel, then press STORE or ENTER.

5、 Blue Screen

Quite large noises will occur when the TV signal is too weak. To avoid this situation, one can start BLUESCREEN function. The screen will turn to blue and mute when the signal is too weak.

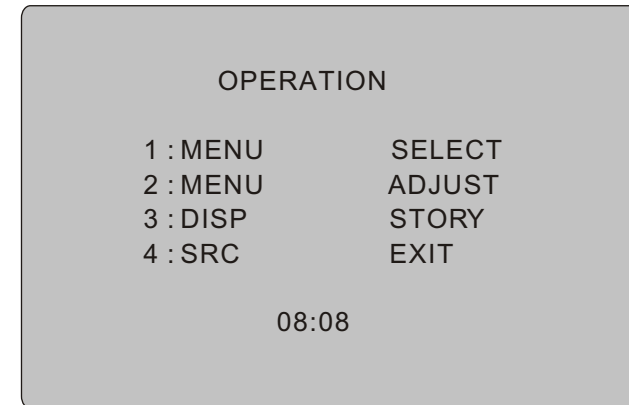
Precautions:

- 1、 At most 100 channels can be stored in this machine.
- 2、 If the receiving effect is bad, check the connection of antenna.
- 3、 If the bad effect is caused by weak signal or high-speed driving, it does not mean something is wrong with this machine.

Clock

Check the clock when the machine is in idle state.

In idle state, press DISP button on the panel or remote once to display clock as follows:



Setting the Clock

Press DISP button twice in idle state to enter clock setting, the clock is indicated as red, which will glitter while the time is adjusted.

Use menu adjusting keys to select position; use volume keys to adjust the time. The system will be in idle state 5 seconds after the operation.

Supplementary Information

Malfunction Eliminating

Problems	Possible reasons	Measures (advice)
Can't be switched on, unable to use the machine.	Incorrect connection of download and linker. Fuses melted Noises or other factors make interior micro-processor unable to work well	Make sure all connections are correct Find out the reason, and replace the fuse of the same specifications., Press RESET to restore the machine to its initial setup.
Can't use remote controller. The machine refuses to work even the remote is correctly used.	Insufficient battery power. Some operations are prohibited in certain circumstances.	Insert new battery Enter correct circumstances
Cannot be played	Disks are dirty Disks used not suitable to this machine The Video system of the disk incompatible to the machine.	Clean the disks Check the disk types Change another disk which is compatible to your video system.
No sound	Incorrect linking of cables	Link the cables correctly.
The volume does not increase	The machine is in MUTE state, or slow-motion or playing frame by frame	In such kind of situations, no sound output.
Certain speaker cannot output sound	Incorrect setup of sound fields	Setup sound fields correctly
No pictures, or display PIC OFF	Hand-brake line not linked hand-brake not opened.	Link hand-brake line, and open it.
When the power switch is turned to ON or ACC, the machine boot automatically	Automatic Booting	Normal function.

Supplementary Information

Problems	Possible reasons	Measures (advices)
The disk cannot be played	Bad turnoff, or the disk has been damaged.	Replace it with a better one
Display parent locking can't be played	Parent locking function is turned on	Close this function or degrade its level
Can not switch languages or captions	Current disk does not have multi-languages	Cannot switch languages
	You can only switch between items displayed	Use disk menu to switch
No caption	Current DVD disk does not have	Unable to display caption
	You can only switch between items displayed	Use disk menu to switch
Does not play in the language and caption set in DVD SETUP MENU	Current disk does not have the language or caption set in DVD SETUP MENU	Unable to play this way
Unable to switch the view angel	Current disk does not have multi-angel scenes	Unable to switch between different angels because there is no such angels.
	You try to switch between different angels, but there is no recorded multi-angle scenes.	Use switch when the disk has multi-angel scenes
The pictures are extremely obscure, distorted and blurred	The disk has anti-copy information. (some disks have this function)	This machine is compatible with anti-copy system, but there may be some parallel lines or other things while playing, this does not mean a problem of this machine.
No optical output	The optical output in DVD setup menu is closed	Set Optical Output as ON, (note: optical output means audio output is prohibited.)

Maintenance of DVD

Use normal disks only. If irregular, non-round or strange shape disks are inserted, they may be hooked in the machine or can not be played correctly.

Check all disks before playing and see whether there are cracks, scrapes or crimp. Such disks may not be played correctly. Do not use them.

Do not touch the recorded side (no print) while taking disks. When they are not used, put them in the box.

Do not put disks in places with direct sunshine or high temperature.

Do not paste label, draw things or use chemicals on the disk surfaces.

Use soft dry cloth to clean the disk from the center to outside.

There may be moisture in DVD devices if you use heating system in winter.

And the dew may prevent DVD from normal working. Turn off the machine for about an hour to make it dry if there is any dew. Use soft and dry cloth to wipe moist disks.

Serious shaking on road may interrupt the playing.

DVD Disks

For some DVD disks, certain functions may not be performed.

Some DVDs cannot be played.

While using DVD-R/DVD-RW disks, only video files can be played, normal computer files cannot be played.

DVD-R/DVD-RW Disks recorded in video mode may not be played due to their special nature, scrapes, or dirty lens and dew.

Disks recorded personally in computer may not be played, which is determined by their formats and adaptable circumstances. Use correct formats to record.

CD-R/CD-RW Disks

While using CD-R/CD-RW disks, only completed ones can be used.

CD-R/CD-RW Disks recorded from CD Recorder or personal computer may not be played due to their special nature, scrape, dirtiness; or the dirty lens, dew of the machine.

Disks recorded personally in computer may not be played, which is determined by their formats and adaptable circumstances. Use correct formats to record.

CD-R/CD-RW disks may not be played in direct sunshine, places with high temperature or the parking place of the car.

The titles and other text information recorded in CD-R/CD-RW disks may not be displayed in this machine. (in the case of CD-DA)

The time of playing CD-RW in this machine will be longer than traditional CD or CD-R.

Read the relevant instructions before using CD-R/CD-RW.

MP3

Mp3 is the abbreviation of MPEG audio layer3, which is the standard of audio compression technology.

Mp3 files on CD-ROM, CD-R and CD-RW can be played in this machine. Disks compatible with ISO9660 level 1 and 2, or with ROMEO and JOLIET system can also be played.

Recorded disks with multi sections can be played.

Mp3 files are incompatible with the transporting of read-in data.

The max char width of the file name (including the extending name .Mp3) is 32 (counting from the first char).

The max char width of the folder name is 32.

If the file is recorded through ROMEO and JOLIET system, only the former 32 char are displayed. While playing disks with Mp3 and CD-DA, such as CD-EXTRA and MIXED-MODE CD, the system can only switch between Mp3 and CD-DA.

The selected folder sequence of playing and other operations will be the sequence to write in the software. So the anticipated sequence of playing should not conflict with the actual playing sequence. However, there are indeed some softwares in which playing sequence is allowed to set.

The file is compatible with Id3 Label version 1.0 and 1.1, so as to display the music titles and authors. The enhancing function is valid only when playing Mp3 in 32, 44.1 and 48 KHz. Sample frequencies 16, 22, 05, 24, 32, 44.1, 48 KHz can be played.

The tone of Mp3 file can usually be bettered when the bit rate is increased. This machine can play recordings between 8KBPS and 320KBPS. But in order to enjoy good tone, we recommend disks over 128KBPS.

IMPORTANT:

While naming an Mp3 file, add relevant extending name .mp3.

This machine will play files with .mp3 as Mp3. Do not use this extending name on non-mp3 files so as to avoid noises and other problems.

Matters to Note about Remote Controller

Do not put the remote on panels, steering wheels, or where with direct sunshine. The temperature in these places are high in summer and the remote may be distorted.

If the car is parked in the sun, put the remote in the tool box or other places away from the sunshine. In the sunshine, the signal from the remote may not be received correctly by the host machine, you have to put the remote near the sensor on the host panel.

About LCD

Do not press LCD, which may distort the pictures or arouse problems. Pictures become blurred, or even the LCD is harmed.

About Cleaning LCD

Use soft cloth with a little water to clean LCD.

Do not use solvents like gas, thinner, detergent in the market or static electricity-resisting sprayer.

Do not use this machine when the temperature is below -15 or over 45.

If your car is parked in a very cold or hot place, pictures may not be clear.

This is not the question of LCD. Pictures will become clear again once the temperature comes to normal.

There may appear static blue or red points called bright spots which can appear on any LCD. LCD is a very fine apparatus, 99.99% of which is normal, with only less than 0.01% defect leading to those points. They will not influence your appreciation of pictures, however.

Supplementary Information

Product Specification:

Power: 13.8V DC(10.8-14.5V)

Grounding system:: Negative Polar

Host:

max current: 15A

size (width*height*depth)

Body: 178*100*180mm

Weight: 3.5Kg

SCREEN:

Size/Aspect Ratio: 6.5 inch wide/16:9(valid area143*79mm)

Pels: 280,800(1200*234)

Type: TFT Active Matrix

PAL: NTSC/PAL compatible(SECAM is to be customize)

Temperature Scope: -20--+70.C

Storage Temperature: -30--+80.C

Angel Adjusting: : 0-50

AUDIO:

Max Power Output: 50W*4

Resistance: 4 Ω (scope of variation 4-8 Ω)

Front Output Level/Resistance: 4.0V/200 Ω

Encoder: Linear PCM/Dolby Digital/Dolby Professional
Editor II/DTS

DVD Player

System: DVD Audio, DVD Video, VCD, CD, DTS CD and MP3

Disks: DVD Record, DVD Film, VCD, CD, DTS CD

Tracks: 2(stereo), Digital 6 tracks

Mp3 Encoding Format: MPEG-1 and 2, Audio Layer3

FM Tuner:

Scope of Frequency: 87-108.0MHz

Valid Sensibility: 10 dB(0.7 μ V/75 Ω , Single Track, S/N:30 dB)

AM Tuner:

Scope of Frequency: 531-1, 602KHz(9KHz)

Valid Sensibility: 18 μ V(S/N: 20 dB)

Information about Touching Screen

Matters to Note in Using Touching Screen:

Touching screen is solid and reliable, however, one should still keep the following in mind:

- 1、 Do not scrape the screen hard, slight touching is enough;
- 2、 Touching Screen is not water-proof. In extreme case, water will enter the circuit through panel;
- 3、 Touching Screen includes a plastic unit, do not knock or press it hard.
- 4、 keep the screen from high temperature, dust and humidity.

Menu locations on the touching screen:

