OWNER'S MANUAL

DVD/MP4/MP3/USB/CD PLAYER

Features
- DVD/MP4/MP3/CD Player
- USB/SD Ready
- Rotary Volume Control
- High-Ponint Equalizer Preset
- Power on When Insert Disc
- Electronic Shock Protection
- 30 Stations Preset
- MAX. Power Output: 4X60W
- Digital Clock
- Repeat, Random, Browse Play
- RDS radio receiver function (optional)

Please read the owner's manual thoroughly before using
FRONT PANEL

1. POWER BUTTON
2. Eject
3. Audio selection/Clock up switch/Clock down switch/Volume/Tone up volume/Tone down
4. Band (AM/FM)
5. Next/station scanning
6. Previous/up/station scanning
7. MUTE switch
8. STEREO and MONO switch
9. Tuning preset1/Play/Pause
10. Tuning preset2/repeat play
11. Tuning preset3/Title
12. Tuning preset4/goto
13. Tuning preset5/N/P
14. Tuning preset6/Preset 10+switch
15. LCD
16. exceed plank button
17. block casing
18. SD faucet
19. USB faucet
20. Disc window
21. RADIO LOCAL button
22. APS button
23. Play/Pause button
24. MODE button
25. Clock setup
REMOTE CONTROLLER (For additional purchase)

1. Power
2. Track/station
3. Track/station
4. Track/station
5. Volume/Tone up
6. Track/station
7. Audio selection
8. Track/station
9. Volume/Tone down
10. TITLE
11. Mute
12. ST/PROG
13. GOTO
14. Left
15. MODE
16. Pause/play
17. Track/station
18. Track/station
19. Track/station
20. Track
21. Track
22. Setup
23. up
24. Right
25. Enter
26. AMS/PRT
27. Down
28. Band/SYS
29. AUDIO
30. Previous
31. Next

Remarks:
1. Press PBC button when playing VCD. Press it again to go back to menu.
2. *Press it to go to DVD menu when playing DVD disc.

OTHER OPERATION

BASIC RADIO OPERATION

The machine is set 18 FM radio stations (6 each for FM1, FM2, and FM3) and 12 AM radio (6 each for AM1 and AM2). FM has 87.5 MHZ, 98.1 MHZ, 106.1 MHZ, 108 MHZ and 87.5 MHZ. AM has 522K, 603.999K, 1404K, 1620K, and 522K. When using the radio, press the front panel or the BAND button on the remote control, it will auto searching from FM1, FM2, FM3, and MW1, MW2.

- MANUAL TUNING

Press [ ][ ] on front panel or remote control. For higher frequency, push up and for lower frequency, push down. Hold the forward/backward for 2 seconds; it will start searching for stations, and stop if it finds a station.

- TO STORE BROADCASTING STATIONS

When it finds a station, press number 1-6 on the front panel for 2 seconds; it will save the station on the number that you have chosen, and the original station for the number will be deleted.

- AUTO PRESET

Press BAND button for 2 seconds; broadcasting stations can be stored automatically from lower frequency to higher frequency on front panel.
The machine is for DVD, SVCD, VCD CD, and MP3 disc. Press the [ ][ ] on the front panel and inset the disc. If the disc is scratched, it will turn to radio state to protect the equipment.

When there is a disc in it and on the radio state, press [ ][ ] to play the disc. If the disc is in the machine, it can memory the track and can play it a gain next time. Press [ ][ ] to unload the disc. At the same time it will turn to the radio state. While playing, you can press [ ] on the front panel or on the remote control for 2 seconds to play forward. Four speeds (4x, 8x, 16x, 32x) are available to play forward. While playing, you can press [][ ] on the front panel or on the remote control for 2 seconds to play backward. Four speeds (4x, 8x, 16x, 32x) are available to play backward.

- **Play CD**
  Insert CD disc, you can press the number button on the front panel or the remote control to select track. If select 17th track, you can press the [0] button and the 7 button on the remote control or the remote control to select the left/right stereo channel.

- **Play MP3**
  Insert MP3 disc, if select the 170th track, you can press the 1 button then the 7 button then the 0/10 button. If the track you select is unit or two digits, it will play it after 3 seconds. Or you can press [ ][ ] to play at once.

- **Play VCD**
  The way is the same as the way of playing CD disc. If PBC is on, it can allow you to play VCD 2.0 according to the menu. Press [ ] to return to the VCD menu and then press the number button to the select. Note: the machine does not have memory function when PBC is on. When playing, it go to the menu.

- **Play DVD**
  Inset DVD disc, some will go to TITLE and some will go to ROOT. You can press the direction button on the front panel or remote control to select. The machine has intelligent playing DVD function. Under TITLE or ROOT, press the 1 button to play the 1st in the section one. When playing, you can press [ ][ ] or [ ] to select, or you can press the number button to select. The way is the same as the way is the same as the way of playing CD/VCD disc. When the disc has DIS, DOLBY, ZCH or 5.1 CH, you can press [AUDIO] to select them. When the disc has multi caption, you can press [ANGLE] to choose. There are may setup selection, please go to the SETUP menu instructions.

- **Mute**
  1. Push MUTE button on the front panel or the remote control to shut off the sound output.
  2. Push it again to cancel the mute function.

- **Audio control**
  Push VOLUME button on the front panel or on the remote control for a few second, it will display VOL, BAS, BAL, FRD, the VOLUME button or [VOL+], [VOL-] to adjust...
  1. Volume can be adjusted between 0-31
  2. BAS can be adjusted between -7, +7
  3. TRE can be adjusted between -7, +7
  4. BAL can be adjusted between L5, R5
  5. FRD can be adjusted between F5-R5
• EQ control
Press volume button on the front panel can choose POPs, ROCK, CLAS, JAZZ, it can be showed in the LCD.
Note: when the EQ is selected, there is no BAS and TRE adjustment in the SEL.

• Time clock and setting
1. Press [ ] button on the front panel, the clock will show on the display. Press it again to return. Press [ ] button for long to adjust time. When the HOUR digital flash, adjust the volume button on the change the hour value. Press the volume again, the minutes digital will flash adjust the volume button can change the minute. While the setup is finish, press it again to return.

SYSTEM SETUP

Press [setup] button on the front panel for 2 seconds, the SETUP menu is displayed, select the preferred item by using the direction buttons, press [ ] in the submenu, press the direction buttons to select the item you wanted, then press [ ] to confirm what you need, at the same time the item will be highlighted. Press [ ] to exit submenu and can executing other item, or press the front panel release button for 2 seconds or exit system setup menu.

1. General Setup page

(1) . OSD LANG
Highlight the OSD LANG option, and press the Arrow buttons to choose the audio language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will output audio in that language; there are 13 optional audio languages: ENGLISH, CHINESE, FRENCH, GERMAN, ITALIAN, PORTUGUESE, SPANISH, JAPANESE, DANISH, POLISH, SWEDISH, DUTCH and TURKISH.

(2) . TV SYSTEM
According to the Color System of the TV, you can choose the TV System.
AUTO: Choose this settings if your DVD player is connected to a multisystem TV.
NTSC: Choose this settings if your DVD player is connected to a NTSC TV.
PAL: Choose this settings if your DVD player is connected to a PAL TV.
The default setting is NTSC.

(3) . TV DISPLAY
• 16:9 (Wide Screen): Choose this setting if your DVD player is connected to a wide screen TV. If you choose this setting and you don't have a wide screen TV, the images on the screen may appear distorted due to vertical compression.
• **4:3 LB (Letter Box):** Choosing this setting if your DVD player is connected to a normal ratio TV. You'll see the movies in their original aspect ratio (height-to-width ratio). You'll see the entire frame of the movie, but it will take up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.

• **4:3 PS (Pan & Scan):** Choosing this setting if your DVD player is connected to a normal ratio TV. You can fill the movie to the entire screen of your TV. This might mean that parts of the picture (the left and right edges) won't be seen.

**Notes:**
- The image display ratio is related to the recorded disc format. Some discs cannot display images in the aspect ratio you choose.
- If you play a disc recorded in 4:3 format on a wide screen TV, black bars will appear on the left and right side of the screen.

You must adjust the screen setting depending on the type of the television you have.

(4) **MP3 MODE**
The user may choose MP3 MODE to establish manual or automatic.

(5) **Setup PBC Type**
On: Open the manifest of the disc song menu (only the ability selects song in the song menu appearance). While winning an election to choose to open the song menu, pass the TITLE key can return to the song menu.
off: Close the manifest of the disc catalogue menu (can press numerical key to carry on the selected song directly).

2. **ANALOG AUDIO SETUP PAGE**

(1) **DOWNMIX**
LT/RT: When the disc that you play has the PROLOGIC, please choose it. Through the decoding system in the machine, it can appear the vivid cinema effect in your room. The audio output the common stereo signal when the stereo way 2 is on. But if there is 5.1 audio outputs, it can only display the left and right channel signal.

(6) **HDCD**
The HDCD can only effect on the CD disc and the HDCD disc. The setting is equal to the mode of the EQ.
3. ANALOG AUDIO SETUP PAGE

(1). DOWBNIX
There are two settings in this option: LT/RT STEREO VSS subwoofer input will not be output.

(2). DUAL MONO
The user may have the stereo sound small dish through the broadcast to select patches or strips of land as worth saving for seed selects the stereo sound, left sound track, right sound track, mix Sound.

(3). DYNAMIC
When broadcasts the small dish piece has Du compared to the digital effect, chooses this item, may present the different sound person or household who refuses to move and bargains for unreasonable high compensation when the land is requisitioned for a construction project.

Attention:
If you have chosen the closure, that Du does not have the function compared to the digital person or household who refuses to move and bargains for unreasonable high compensation when the land is requisitioned for a construction project effect.

4. VIDEO SETUP PAGE--
The user may act according to the actual picture nature effect to carry on the corresponding adjustment. The sharpness, brightness, the contrast gradient operation is as follows: When chooses some one item (for example contrast gradient) about, presses the key to be possible to carry on the depression or the increasing function, presses the " " key to return to the upper formation menu once more.
5. **REFERENCE PAGE**

(1) **Setup Audio Language**
Press the direction button to choose the language you need, and the press[ ]To enter.

(2) **Setup Subtitle**
When the DVD disc is play, it can be chose different country language according to the language of the disc.
Note: It must be setup the function if the disc has the hidden caption

(3) **DISC MENU**
Setup menu Language
It is for DVD disc.

(4) **To get the parental function**, can pass "the age control" to play the disc the age grade.

(5) **If you do not want to reserve the one scif's parameter for various enactment of the function**, Choose reset to default, DVD machine will get back to factory original.

(6) **DEFAULT**
Choose this option to resume all the setup options to default settings.
Chapter 3 Playing WMA, MP3, MP4, and JPEG discs/SD block

Place a MP3 / JPEG disc into the tray, and the player will auto search the directories saved MP3 / JPEG files. After searching, it will auto go to the first directory asved MP3 / JPEG files (to the disc containing both mp3 and jpeg files; To the disc containing single type of files, it will auto go to the first directory) and play the first song in the directory ("01:" is highlighted). The screen displays as the picture below:

Use the Arrow buttons to enter the Directory Region and highlight the desired directory, then the first track under it starts playback; Also you can use the Arrow buttons to enter the File Region and select the file you want to play.

Notes:
1. Press the Left and Right arrow buttons, you can activate Directory Region, File Region and File Switch Region separately.

Types of Discs Your DVD Player Will Play

<table>
<thead>
<tr>
<th>Types of Discs</th>
<th>Diameter</th>
<th>Playback Time</th>
<th>Data Format</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD</td>
<td>12cm</td>
<td>1 layer:12min</td>
<td>DVD Format Disc: Compressed Digital Audio (Moving Picture)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 layer:240min</td>
<td>Compressed Digital video (Moving Picture)</td>
<td></td>
</tr>
<tr>
<td>SVCD</td>
<td>12cm</td>
<td>45min</td>
<td>MPEG2 Compressed Digital Audio Compressed Digital video (Moving Picture)</td>
<td>Include: SVCD, DVD</td>
</tr>
<tr>
<td>VCD</td>
<td>12cm</td>
<td>74min</td>
<td>MPEG1 Compressed Digital Audio Compressed Digital video (Moving Picture)</td>
<td>Include: VCD2.0, VCD1.1, VCD1.0, SVCD</td>
</tr>
<tr>
<td>HD-CD</td>
<td>12cm</td>
<td>74min</td>
<td>HD-CD Digital Audio</td>
<td></td>
</tr>
<tr>
<td>DTS-CD</td>
<td>12cm</td>
<td>74min</td>
<td>DTS-CD Digital Audio</td>
<td></td>
</tr>
<tr>
<td>MP3/JPEG</td>
<td>12cm</td>
<td>600min</td>
<td>Compressed Digital Audio</td>
<td></td>
</tr>
<tr>
<td>WMA</td>
<td>12cm</td>
<td></td>
<td>Compressed Digital Audio</td>
<td></td>
</tr>
<tr>
<td>USB/MP3/SD</td>
<td></td>
<td></td>
<td>USB1.0/2.0/SD 16MK-4G and Moves the hard disk, play can it</td>
<td></td>
</tr>
</tbody>
</table>

Note: This machine and permit the DVD, the VCD edition 1.0/1.1/2.0. 3.0 DVCDs, CD-R, CD-RW, CD-R, CD of PICTURE - CD. When you enjoy the DVD/ VCD/ CD, the manifestation holds and will identify to sing a manifestation automatically to should the writing kind, be the screen up the manifestation" " sign, explain that mode Bottom have no this function, please choose first other functions, concrete the operation please read other relevant elucidation.
CABLE CONNECTIONS

This unit uses DC12V power, negative pole connected to ground (car bottom frame). Good grounding can eliminate current noise. Please keep it away from dirt to maintain good connection. Unit speaker specification is 4-8ohms. Before installation, please disconnect it from power source and power off the unit.

Output plug

Back up yellow
Fuse 15A
Ground black
Power 12+ Red
Fuse 1A
Auto antenna Blue

FL/Speaker
White
White/Black

RL/Speaker
Green
Green/Black

WHITE L-out

RED Rout

Yellow Video out

FR/Speaker
Grey/Black
Grey

RR/Speaker
Violet
Violet/Black