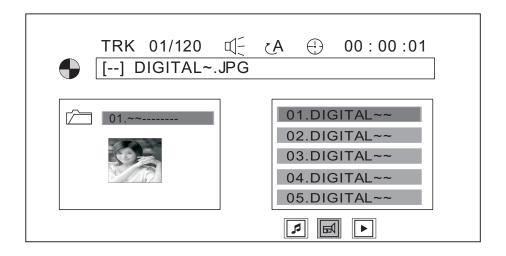
## PICTURE READING

When Insert Mp3 Disc Or When The Unit Read Mp3 Stored In Card Reader/Usb, The Screen Display The Mp3 Menu, like



If You Want To Play Mp3 Songs, Just Press Enter Button To Start.

If You Want To See The Picture Stored In The Mp3 Disc Or Card Reader, When You See The Menu.

Press ← To Start The Picture Reading Function. You Can Press ◀ / ▶ Number ButtonTo Choose The Picture.

After You Select The Picture, You Can Press  $\leftarrow /\uparrow / \downarrow / \rightarrow$  Button To Change The Picture Angle:

- 1 Press 
  To Change The Picture Between Left And Right.
- 2 Press → To Change The Picture By +90 Degree.
- 3 Press ← To Change The Picture By 90 Degree.
- 3 Press 

  To Change Vertically Change The Picture.

**Note:** The Picture Reading Function Only Effect When The Disc Or The Card Reader Memory Pictures. And The Unit Only Can Read Jpg Picture.

If you want to return to MP3 playing, press STOP button.

# **INSTRUCTION MANUAL**



\* To ensure your complete understanding and obtain the best possible performance from the unit, please read the instruction manual carefully before operation. Be sure to keep it in a handy place for te future reference.

### Menu

FORWORD1
PRECAUTIONS2
INSTALLATION& MAITENANCE3
FEATURES4
CONNECTION DIAGRAM5
MAIN UNIT FUNCTION 6
REMOTE CONTROL·····8
BASIC OPERATION 11
RADIO OPERATION
WATCH TV15
DVD/VCD OPERATION······16
Mp3 OPERATION
SETUP

# **MARNING**

- It Is Forbidden To Watch DVD/VCD/TV When Driving.
   To Assure Your Safety, Please Connect The Blake Wire, so that when moving the screen display shows picture off for safty
- For Maintenance Of The Unit, Please Turn Off The Power Of The Unit Before Lock The Car.

# USER'S MANUAL

# **SPECIFICATIONS**

Supply voltage : 12V DC(11V-15V)
Current consumption : Less than 10A

Signal system : Compositive video 1.0Vp-p  $75\Omega$ 

Discs played : (1) DVD-VIDEO disc

5" (12 cm) single-sided, single-layer 5" (12 cm) single-sided, double-layer

(2) Compact disc (CD-DA, VIDEO CD)

5" (12 cm) disc

Audio Signal Output
Characteristics

: 2ch & 4ch line out

: (1) Frequency Response: 20Hz-20kHz (2) S/N Ratio: 90 dB (JIS)

(3) Wow and Flutter: Below measurable limits

For 3 Bands For 2 Bands For 2 Bands (Europe) (Europe) (U.S.A.)
FM FM FM FM

FM FM FM

Frequency Coverage: 87.5 to 108 Mhz 87.5 to 108 Mhz 87.5 to 107.9MHz IF 10.7 Mhz 10.7 Mhz 10.7 Mhz 10.7 Mhz Sensitivity (S/N = 30dB): 15 dBu 15 dBu 15 dBu

MW MW AM

Frequency Coverage: 522 to 1620 Khz 522 to 1620 Khz 530 to 1710 Khz

IF 450 Khz 450 Khz 450 Khz Sensitivity (S/N = 20dB): 40 dBu 40 dBu 40 dBu

LW (Optional)

Frequency Coverage: 144 to 290 Khz

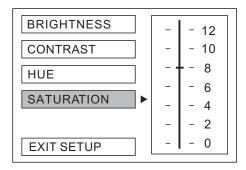
450 Khz

Sensitivity (S/N = 20dB): 45 dBu

### NOTE:

Specifications and design are subject to modification, without notice, due to improvements in technology.

### d. SATURATION



# **DEFAULTS TABLE**

General Setup	TV Display Normal/PS	
	PIC Mode	AUTO
	Angle Mark	ON
	OSD Language	English
	Captions	OFF
	SCR Saver	OFF
Speaker Setup	Downmix	Stereo
Audio Setup	Audio Out	Analog
	OP Mode	Line Out
	Dynamic	
	LPCM Out	LPCM 96K
Preferences	TV Type	MULT1
	Audio	English
	Subtitle	English
	DISC Menu	English
	Parental	NO PARENTAL
	Password	0000
	Smart Nav	With Menu

# **USER'S MANUAL**

# **Precautions**

- This Product Is Designed To Operate With A 12-volt Car Battery And Negative May Cause Trouble Of The Player Or Damage The Electrical System.
- 2. Please Connect According To The Installation Instruction. Fault Connection May Cause Trouble Of The Player Or Damage The Electrical System Of The Car.
- The Speaker Lead Must Be Connect Not Connect Speaker To The Car Or Connect Reproducers Each Other.
- 4. Before Power On, Make Sure All The Unit Connect Properly.
- 5. To Replace The Damaged Fuse, Be Sure To Use The Only Fuse Of The Rating Prescribed On The Unit.
- 6. Do Not Block The Intake Or Radiator Board To Avoid Player Overheating
  To Catch Fire.
- 7. Do Not Attempt To Disassemble Or Adjust This Precision Product, Otherwise It May Cause Accidents.
- 8. Stop The Car Before Performing Any Complicated Operation
- Do Not Play This Product In Too High Or Too Low Temperature. Before Power On,
   Ensure The Temperature Inside Your Car Is Between 10 To 60
- 10. Humidity May Cause Moisture Is Coagulated On The Lens Of The Player Which Effect Its Optimum Performance. Here Switch On The Power; Make The Player Operate 1-2 Hours Without The Disc To Vaporize Moisture.
- 11. Do Not Use Scratched Or Misshapen Discs.
- 12. Do Not Push The Disc Fiercely When The Disc Will Not Put Into The Player Properly.
- Dvd Player Is A Class 1 Laser Product, Do Not Open It Yourself
   To Avoid Hazards.

# **Installation & Maintenance**

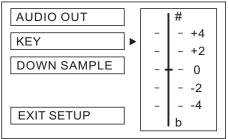
- Only Qualified And Authorized Service Personnel Can Install This Player,
   To Avoid Damaging Your Car, Please Consult The Dealer When You Install
   This Product.
- 2. Do Not Try To Maintain This Player Yourself. If You Meet Trouble, Connect The Dealer, And Leave All Serving To Qualified Service Personnel.

# **FUNCTION TABLE**

Туре	Icon	Content	Size	Playtime
DVD	מעם	Image+	10000	About 2 hours(single-sided double-layer disc)
	VIDEO	sound	12cm	About 4.5 hours(single-sided double-layer disc)
VCD	VIDEO CD	Image+ sound	12cm	About 74 Mins
CD	COMPACT DIGITAL AUDIO	sound	12cm	About 74 Mins
Мр3	mp3	sound	12cm	About 600 Mins
TV		image	PAL/NTSC	
FM		sound	87.5MHZ-107.9MHZ	
TFT	16:9	display	WIDE	
USB	UND E	image+ sound	Mp3 MPEG4 PICTURE(JPG)	

# USER'S MANUAL

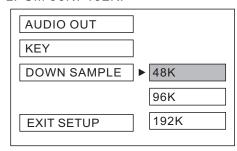
### b. KEY



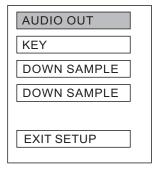
This is to select Treble or Bass according to your needs.

### c. DOWN SAMPLE

Select the LPCM output of DOWN SAMPLE between LPCM 48K and LPCM 96K / 192K.



### D. VIDEO SETUP



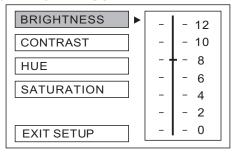
This is to lets the user set Brightness, Contrast, Hue and Saturation of the picture by pressing the arrow left/right button.

This is to lets the user set Brightness, Contrast, Hue and Saturation of the picture by pressing the arrow left/right button.

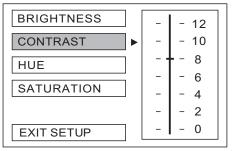
Press Enter button to confirm to change the OSD display on the television screen.

Note: Only on TV/AV mode, the Video setup is available. When DVD playback, the picture setup is unavailable.

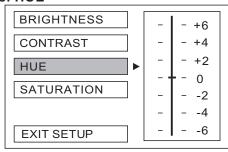
### a. BRIGHTNESS



### b. CONTRAST



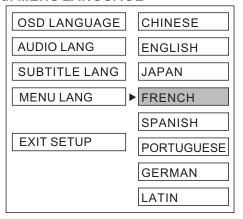
### c. HUE



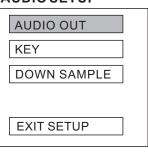
### c. SUBTITLE LANGUAGE



### d. MENU LANGUAGE

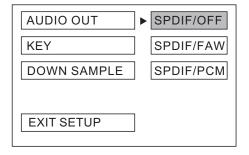


### C. AUDIO SETUP



### a. AUDIO OUT

This is to activate the audio output from ANALOG/OPTICAL mode to SPDIF/RAW mode or SPDIF/PCM mode.



### 1) SPDIF/OFF:

Analog or optical output port all has not output signal.

# 2) SPDIF/RAW:

When the player is connected with the power Amplifier by the analog or optical port, please select this item; when the playing disc which is recorded by Dolby Digital, DTS or MPEG recording system, the analog or optical output signal of the unit will be the same as the digital signal (RAW format) of the playing disc. At the same time, the power amplifier you connected must have the decode function of Dolby Digital, DTS or MPEG.

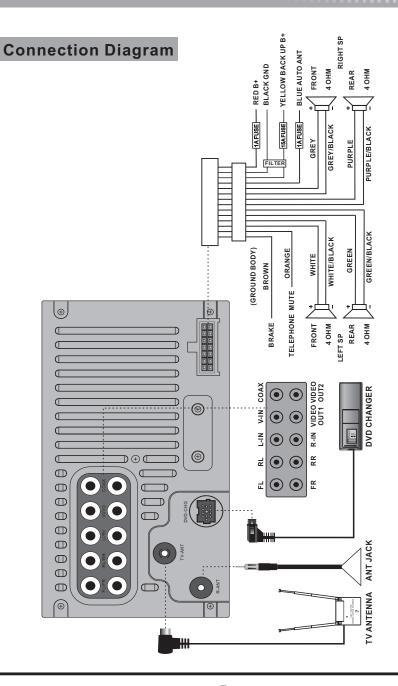
## 3) SPDIF/PCM:

When the player is connected with the 2 channel, digital stereo amplifier, please select this item; when the playing disc which is recorded by Dolby Digital or MPEG recording system, the analog or optical output will be modulated to 2 channel output by PCM.

# USER'S MANUAL

# **Features**

- Automatic Slot In DVD Player
- AM/FM Receiving; Manual/automatic Memory Searching;
- 30-memory-station Storing.
- Full Channels Receiving; Manual/Automatic Searching; 250 Channels Storing.
- Mosfet 65Wx4 Max Output Power( Watts)
- Built-in Decoder For Dolby Digital And Dts
- All Function Displays By Full Screen Osd
- Monitor Backing Car Input Function
- Remote Control
- USB Jack
- Compatible MPEG4 DIVX
- Read JPG Picture



Rating 6: [R]

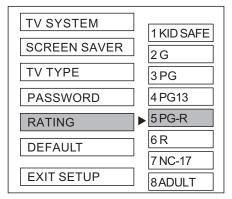
Select following when children under 17 must be guide to view by their parents.

Rating 7: [NC-17]

Select following when children under 17 are forbidden to view.

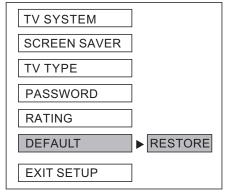
Rating 8: [Adult]

Select following, which only allows admission to all adults.



### f.DEFAULT

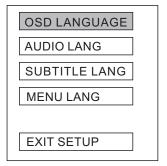
Select restore to become factory initial setting.



# B. LANGUAGE SETUP

Select the preferred OSD Language,

Audio Language, Subtitle Language and Menu Language by using the cursor buttons.



### a.OSD LANGUAGE



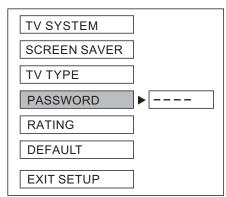
### **b.AUDIO LANGUAGE**



# Video Material 4:3 Wide(16:9) Normal Pan scan Letter-box 4:3 0

### d. PASSWORD

Select the change and press ENTER button. Type the old password (The initial factory code is 0000) and key in 4 characters password now you want to use, and type again to confirm key in correctly.



### e. RATING

Select suitable guidance rating by the cursor button and confirmed by pressing ENTER button.

Rating 1: [Kid Safe]

Select following when the programs are safe to all kids view.

Rating 2: [G]

Select following that allows admission to person of all ages.

Rating 3: [PG]

Select following that needs to parents guide their children.

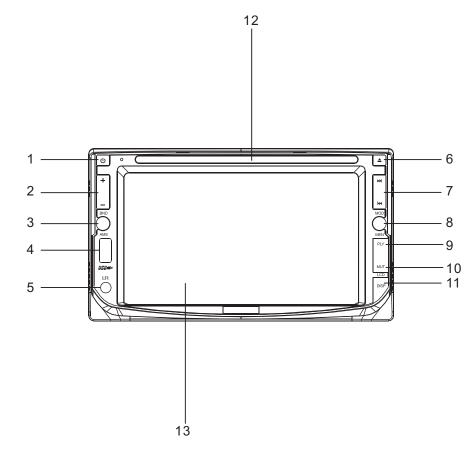
Rating 4: [PG\_13]

Select following when children under 13 are forbidden to view.

Rating 5: [PG\_R]

Select following when the ??PG\_R?? was printed on the DVD disc.

# **Function Of The Main Unit**



- 1. POWER BUTTON
- 2. VOL+-BUTTON
- 3. BAND & AMS BUTTON
- 4. USB JACK
- 5. REMOTE RECEIVER
- 6. EJECT BUTTON
- 7. SEEK+ BUTTON

- 8. MODE BUTTON
- 9. PLAY & MENUBUTTON
- 10. MUTE BUTTON
- 11. DISP & LCD BUTTON
- 12. DISC JAWS
- 13. TFT DISPLAY SCREEN

# **Function Of The Main Unit**

### 1. POWER BUTTON

press power button to turn on the unit, press it again .the unit is turned off.

### 2. VOL+/- BUTTON

press it to increase/ decrease volume; in menu mode, press it to adjust function value

### 3. BAND/AMS BUTTON:

in radio mode, press the BAND button to select your desired radio band. And in radio mode, press AMS for 3 seconds button, the radio automatically search for the preset station and store the strong signal station to the number button.

- 4. USB JACK
- 5. REMOTE RECEIVER

### 6. EJECT BUTTON

in DVD mode, press this button to eject the disc

### 7. seek +/- button:

in CDP mode, when long press the button during playing. The speed of rapid forward/backward changes.

Shortly press the button during playback to skip to next track or back one track. IN RADIO MODE: shortly press to tune up or down for your desired station. Press it for more than 2 second to automatically tune up or down for the stronger station.

### 8. MODE BUTTON

press it to switch FM-AUX-TV-DVD mode.

### 9.PLAY& MENU BUTTON

When playing disc, press to pause playing, press again to play from the pause phase. In DVD/AUX/RADIO mode, press it to select PICTURE adjusting menu:

### 10.MUTE BUTTON

Press to mute when playing. Press again to resume listening.

### 11.DISP&LCD BUTTON

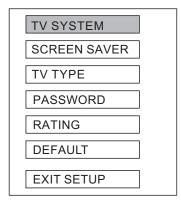
Shortly press it to switch to clock adjust function. Then long press it, then press ◄ or ➤ to adjust the time. Long press the button to turn off/on the screen display.

12.DISC JAWS

### 13.TFT DISPLAY SCREEN

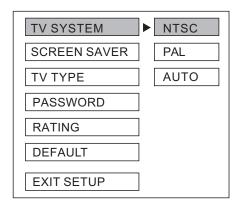
# USER'S MANUAL

### A. SYSTEM SETUP



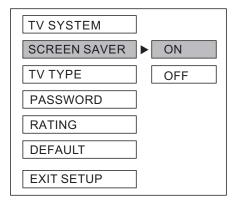
### a. TV SETUP

This player can play discs recorded in either PAL or NTSC format. Select NT-SC format When you connected to NT-SC TV. Select PAL format when you connected to PAL TV. If you select AU-TO, the unit will auto select the format (PAL/NTSC) according to your TV system



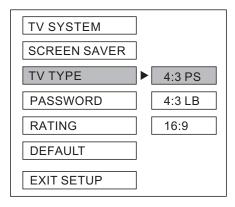
### **b. SCREEN SAVER**

Select the SCREEN SAVER output ON/OFF



### C. TV TYPE

This is to select the appropriate TV aspect (4:3 or 16:9) according to the connected TV set.



### 1) 4:3 PS

Played back in the PAN & SCAN style. (If connected to wide-screen TV, the left and right edges are cut off.)
2) 4:3 LB
Played back in LETTERBOX style. (If connected to wide-screen TV.

bottom of the screen). 3) 16:9

Select when a wide-screen TV set is connected.

black bands appear at top and

### **SETUP MENU**

- 1. Press SETUP in the stop mode. (Press the STOP button twice to ensure the player under STOP mode).
- 2. The main page of setup menu is displayed.

--- MAIN PAGE ---



System Language Audio Video Setup Setup Setup Setup

- 3. Select the preferred item by using the ◀ / ▶ buttons.
- 4. Press ENTER buttons,

### A. SYSTEM SETUP

This setup page includes all the items of TV system, Screen saver, TV type, Password, Rating & Default features. The details please refer to SYSTEM SETUP MENU.

### **B. LANGUAGE SETUP**

This setup page includes all the items of OSD Language, Audio Language, Subtitle Language and Menu Language features. The details please refer to LANGUAGE SETUP MENU.

### C. AUDIOSETUP

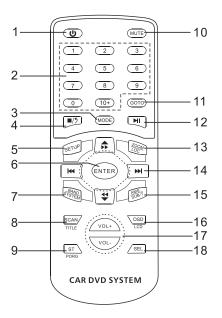
This setup page includes all the items for AUDIO. Please refer to AUDIO ETUP MENU.

### D. VIDEO SETUP

This setup page includes all the items for VIDEO. The details please refer to VIDEO SETUP MENU.

# USER'S MANUAL

# Remote Control:



- 1. Power Switch
- 2. Numeric Button
- 3. Mode Switch
- 4. Stop Button
- 5. Setup Button
- 6. Enter Button
- 7. Band/System Switch
- 8. Scan/tile Switch
- 9. Stereo Switch/Program Playing
- 10. Mute Button
- 11. Playing Time Setting
- 12. Pause/Play Button
- 13. Zoom/Loc Switch Button
- 14. Cursor Buttons
- 15. Auto store/Sub-title Switch
- 16. On-screen Display
- 17. Volume adjusting button
- 18. Setting the sound characteristics

1. Power Switch press button to turn on/off the power

### 2. Numeric Button

during radio mode, you can select one of the 6 stations on each hand by pressing any one of the number button.

During the playing mode, you can select any track directly by using number(0~10+)

for example, if you need the fifteenth track, you can first press button 10+ and press 5.

the corresponding track(15th) will be played.

NOTE: when button 10+ is first pressed, it work as 10+, it work as 20+ when pressed at the second time. The third time....,30+.....and the like.

### 3. Mode Switch

press MODE button to switch radio, disc playing, TV or AUX mode.

### 4. Stop Button

in DISC playing mode, press STOP button to suspend the playback, press it again to stop the playback.

# 5. Setup Button refer to the setup button on the panel.

### 6. Enter Button

### 7. Band/System Switch

during radio mode, press(BAND/SYS) to switch receiving band, during the playing mode. press it to switch AUTO, PALOR NTSC.

### 8. Scan/tile Switch

# 9. Stereo Switch/Program Playing During disc playing mode, press PGM button to enter programming page.

# USER'S MANUAL

In the above picture, the right menu is the left menu's sub-menu; using the cursors by using the arrow buttons to select the desired song, and press ENTER button to play. Note: this function is only available in STOP mode.

### Select The Track

### Fast Forward/Fast Reverse

Press these two buttons on the remote control to choose 2X,4X, 8X, 16X times fast forward/reverse.

### **PLAY/PAUSE**

During playing, press ▶II to pause playing, press again to play from the pause phase.

### **STOP**

Press button to stop playing.

### Repeat

When playing MP3, press RPT button to replay the track.

### L/R soundtrack switch

Press AUDIO button to choose L/R or STEREO soundtrack.

### **INSERT CD DISK**

### **Select The Track**

Press ◀ Or ▶▶ Button To Choose Previous/next Sound You Like.

### Fast Forward/fast Reverse

Press These Two Buttons On The Remote Control To Choose 2x 4x 8x 16x Times Fast Forward/reverse

### Play/pause

During Playing, Press ►II To Pause Playing, Press Again To Play From The Pause Phase

#### Stop

Press Button To Stop Playing

#### Repeat:

When Playing Mp3, Press Rpt Button1 To Replay The Track

### **Digital Button**

In CD Mode, You Scan Press 0-10+Button Directly To Choose The Track

### L/R Soundtrack Switch

Press Audio Button To Choose L/R Or Stereo Soundtrack

### Multi-audio function

Dvd disc can be recorded different language soundtrack. Press audio button to change language during playing. In vcd mode, press audio button to choose I/r or stereo track.

### Subtitle language function

Press sub-t button during playing. Each time the button is pressed number of the caption language changes on sequential order.

**Note:** only the disc recorded multi-subtitle language can get this function. The digital sign on the dvd packet shows the subtitle language number.

### Setting playing time

During playing, press the goto button to set the time when the player begins to play. The time---will be displayed on the screen, use the number button (0-9) to enter the time. For example: enter 25:00, the disc will be played from the time the 25 minute.

### N/p system switch

Press n/p button to change ntsc/pal system during playing.

### Select the title when playing

During playing, if PBC on , press title button to return to the top menu. Press or button to select preferred chapter or title.

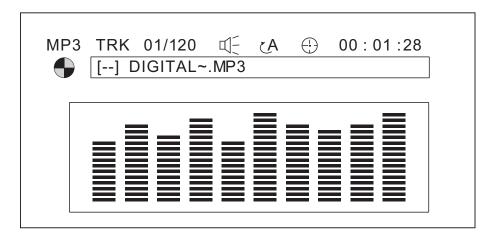
### Pbc/ menu

In vcd mode, press it to display the option menu, using the number button to select the program. In dvd mode, press it to return to the main menu.

# MP3 Operation

## PRESS (MODE) BUTTON TO SWITCH TO (VCD) MODE

Insert MP3 disc, the screen will display the menu as follows:



# USER'S MANUAL

### 10. Mute Button

press this button to cut down the sound output, press it once more to resume the previous sound level.

### 11. Playing Time Setting

during disc playing mode, press GOTO button to set the specific time to play. Using( ♣ ♥ ) and number button to set track/chapter or time, and press ENTER button to play.

### 12. Pause/Play Button

press(PAUSE/PLAY) to suspend the playback of CD.MP3, WMA, VCD AND DVD. Press it again to return to normal playback mode.

### 13. Zoom/Loc Switch Button

In DVD/VCD mode, press this key once for 2X zoom, twice 3X zoom, third time for 4X zoom.....

### 14. Cursor Buttons

Pres (14) to select your desired menu, the press(ENTER) or press play button to confirm.

### 15. Auto store/Sub-title Switch

Refer to the front panel according button functions.

### 16. On-screen Display

Puring DVD, VCD and CD mode, press OSD button. The display shows track/chapter, current time.

### 17. Volume adjusting button

Press this button to adjust the volume.

### 18. Setting the sound characteristics

Press it to change audio mode through volume, bass, treble, balance and fader modes. And then use VOL+/VOL-buttons to adjust the selected model. When mode has not been adjusted for several seconds, display returns to normal radio or CD display.

# **Basic Operation:**

### 1. TURN ON/OFF THE PLAYER

Press POWER button to turn on the player, press it again to turn off the player.

### 2. VOLUME ADJUSTMENT

Press( VOL+) button to increase the volume; press( VOL-) button to decrease the volume. Note: this function is only available in non-menu mode.

### 3. RADIO STATION SELECTION

Press( ← ) button to choose a forward station; press ( ► ) button to choose a backward station. Note: this function is only available in non-menu mode, TV and FM mode.

### 4. DVD, AV, FM, TV MODE SELECTION

Press TV/AV OR MODE button to choose FM-AUX-TV-DVD mode.

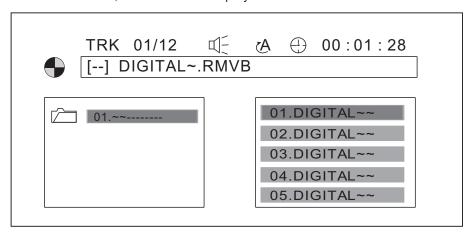
### 5. MUTE

Press to mute when playing. Press again to resume listening.

# USER'S MANUAL

# **MPEG4** Operation

Insert MPEG4 disc, the screen will display the menu as follows:



In the above picture, the right menu is the left menu's sub-menu; using the cursors by using the arrow buttons to select the desired song, and press enter button to play. Note: this function is only available in stop mode.

### Select the track

Press ◀ or ▶ button to choose previous/ next program you like.

### Fast forward/fast reverse

Press these two buttons on the remote control to choose 2x, 4x,8x,16x times fast forward/reverse.

### Play/pause

During playing, press to pause playing, press again to play from the pause phase.

### Stop

Press Dutton to stop playing.

### Repeat

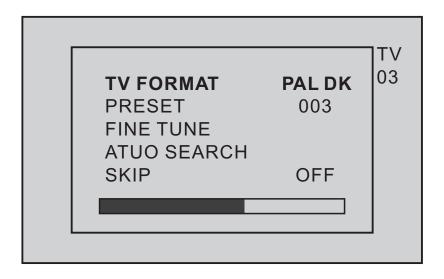
When playing mp3, press rpt button to replay the track.

### L/R soundtrack switch

Press AUDIO button to choose L/R or STEREO soundtrack.

# Watch TV

Press (MODE) button to switch to TV mode. Using Full-automatic search for first watching TV; method: press (MENU) button to choose (preset) menu, as follows:

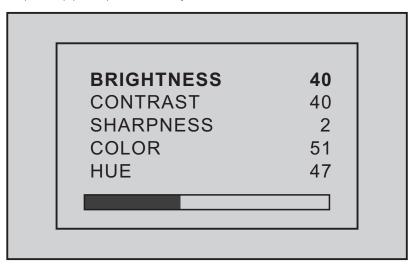


Press ( ◀ ) or ( ► ) button to choose FULL-AUTOMATIC SEARCH, then press( VOL+) (VOL-) button to search channels automatically. When finish searching, press (CH+)(CH-) or DIGITAL button to select a stored channel directly.

NOTE: before using full-automatic search, please make sure the system of the player is same with the system of the local TV station. For example: if the system of the local TV station is PAL B/G, you should switch the system menu to B/G.

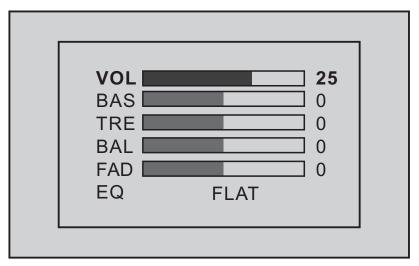
# USER'S MANUAL

### 6. PICTURE ADJUSTING



### 7. VOLUME ADJUSTING

First press( MENU) button to select ( SOUND SETUP) menu, as follows:

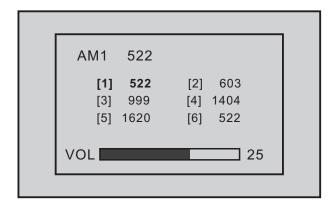


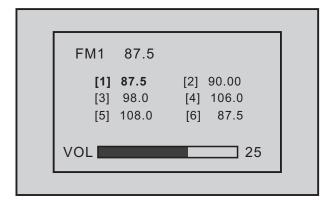
BASS-TREBLE-VOLUME-R/L BALANCE

Press (VOL+) (VOL-) button to adjust the value.

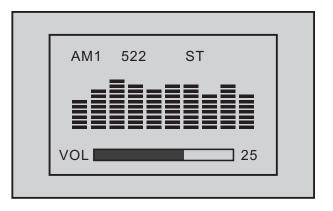
# **RADIO OPERATION**

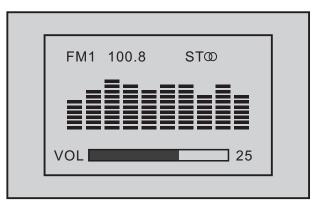
Press (MODE) button to switch to (RADIO) mode, as follows:





# USER'S MANUAL





Please search and store station for first using radio function. Long press button for 2 second, system will scan and store station from 87.5MHZ TO 107.9MHZ automatically.

Press ( ← ) ( ► ) button or (1~10) digital button to select a stored station.

Press or button to search a radio station manually; long press(1~10) digital button for 2 second to store the current station to this digital button.