USER MANUAL





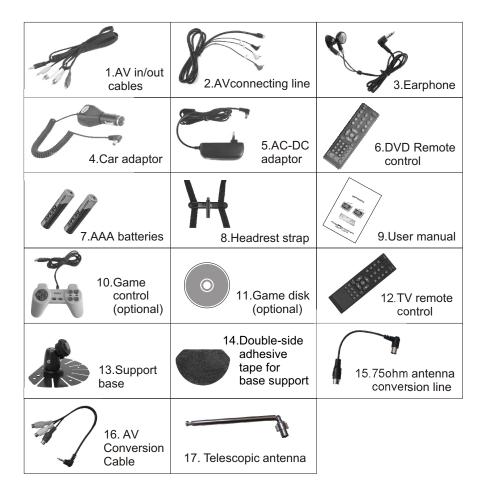


PORTABLE DVD PLAYER WITH TWO TFT LCD TV

CONTENT

1. Accessories	1
2. Operation of remote control and	
main functions	2
3. Instruction of Main machine function	5
4. Connection of DVD player and external	
equipments	··-··- 7
5. Instruction of playing DVD	10
6. DVD system setting	15
7. Menu chart	17
8. Troubleshooting	24
9. Technical specification	25

1. Accessories



2. Operation of remote control and main functions

DVD player remote control function instructions

1) POWER

Press this button to turn off the unit.

2) DISPLAY

Press this button to display disc information.

3) SETUP

Press this button to setup menu.

4) AUDIO

Press this button to shift dubbing language.

5) SUBTITLE

Press this button to switch subtitle language of DVD disc.

6) RETURN

Press this button to return previous directory.

7) MENU

Press this button to return to menu.

While playing VCD, press to open/close PBC menu.

8) TITLE

Press this button to display DVD title.

9) Backward ◀

Press this button to backward at high speed.

10) Forward ▶▶

Press this button to forward at high speed.

11) ZOOM

Press this button to zoom the image.

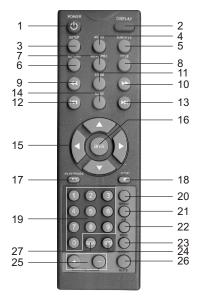
12) Last track (chapter) ◄◄

Press this button to play the last track (chapter).

13) Next Track (chapter) ▶

Press this button to play the next track (chapter).

14) Slow Motion



15) ▲▼◀▶

Press this button to select the options.

16) ENTER

Press this button to confirm your selection operation.

17) PLAY/PAUSE ►II

Press this button to play or pause disc playing.

18) STOP

Press this button to stop playing.

19) 0-9 key

20) REPEAT

Repeat some chapter, title or disc, this will work for VCD 2.0 disk only when PBC has been closed.

21) A-B REPEAT

Repeat a specific portion from point A to point B of the disc.

22) PROG

Press this button to enter program mode.

23) ANGLE

Press this button to change angle of image.

24) GOTO

Press this button to search any title/chapter/track/time point, and play.

25) VOL +/-

Press this button to adjust the volume.

26) MUTE

Press this button to eliminate all voices.

27) CLEAR

.

TV remote control operation

- \bullet \forall / \blacktriangle
 - ▲ : the number of TV channel increases.
 - ▼: the number of TV channel decreases
- To select program and adjust for selected program.
- OK/MUSIC: Under Card mode, press to confirm, when playing slide show, press as ON/OFF for the background music.
- PICT: Picture mode shift.
- POWER: Power on/off.
- MENU: MENU/CARD mode, in main interface, press as USB and CARD multi-media switch. Press to open function menu when playing files.
- MUTE: Mute button.
- CALL: Press this button to display the character of program currently watching.
- SLEEP: Selecting the switch off time within 120 minutes.
- MODE: Press this button to switch between TV/CARD/ AV mode.
- SEARCH: Under TV mode, keep pressing(3 seconds) as Auto search(TV mode only).
- S: Return button.
- S.SHOW: Scan button.
- 0~9 (Digital key), -/--(Channel shift):
 On TV mode, use to choose the TV channel (TV mode only).
- P. ADJ: Picture adjust.

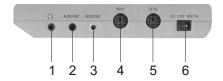
3. Instruction of Main machine function

Main components of DVD The side panel of the player

Left side

DC 12V POWER USB1 USB2

Right side



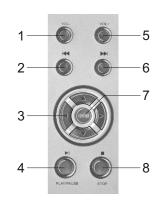
- 1) Earphone jack: for connect to stereo earphone
- 2) Audio output
- 3) Video output
- 4) TFT 1
- 5) TFT2
- 6) DC OUT 12V/1A

Control panel

- 1. VOL+/-
- 2. Last track (chapter) ◄◄
- 3. ▲▼◀▶

Press the key to select the options

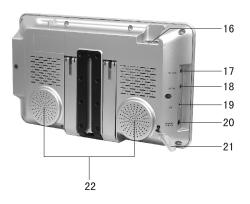
- 4. PLAY/PAUSE ►II
- 5. VOL+/-
- 6. Next track (chapter) ▶
- 7. ENTER
- 8. STOP ■



Appearance of TFT LCD Monitor/TV



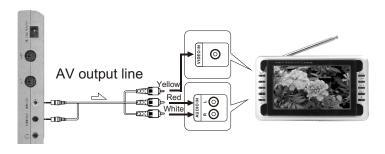




- 1. Telescopic antenna
- 2. MUTE/PICT: Mute button/ picture mode shift button
- 3. OK/MUSIC: Confirm button /Music Background button
- 4. S.SHOW: Scan button
- 5. EXIT/MENU:
 Return button/Menu button
- 6. POWER/MODE: Standby/ Operation mode shift button
- 7. Power indicator Red: Standby Green: Power-on
- 8. TFT-LCD screen
- CH+/▲: Channel Select/ Upward button
- 10. CH-/ ▼: Channel Select/ Downward button
- 11. VOL+/▶ : Volume up/ Rightward button
- 12. VOL-/ **◄**: Volume down/ Leftward button
- 13. Remote-control receive window
- 14. USB connect Jack
- 15. SD/MMC/MS type CARD input port
- 16. Antenna input Jack
- 17. AV Output
- 18. AV Input
- 19. Headphone jack
- 20. DC Input
- 21. Backing car connect line
- 22. Speaker

4. Connection of DVD player and external equipments

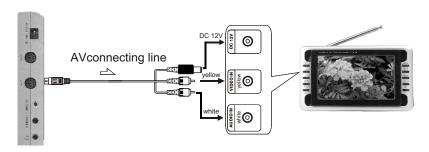
Connection with TV



DVD (right side) connection port

□ Signal flow direction

DVD connection with TV



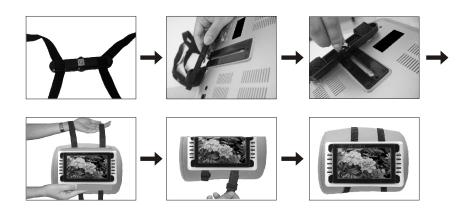
DVD (right side) connection port

△ Signal flow direction

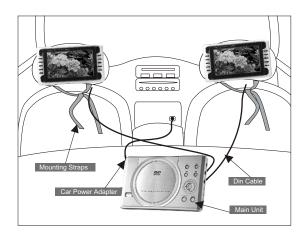
Notice:

TFT LCD TV 1 with TFT LCD TV 2 are same connection.

Installation of TV in car



DVD with 2 TV in car



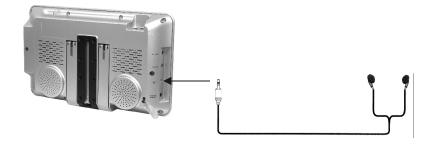
Connection of earphone and DVD player

Please turn down the volume before you use the earphone with the DVD player, then plug the earphone to the DVD player to adjust the volume.



Connection of earphone and TV

Simply plug the earphone to the connection port from the monitor



Notice: TV will remain silence while earphone are operating

Connection of External Antenna Conversion Line and TV

Align one end of the attached antenna cord with the antenna jack on TV set and connect the other end with the plug of the external antenna.



Notice: If receive with telescopic antenna, please pull out the antenna conversion line.

5. Instruction of playing DVD

1. Select subtitle

Press SUBTITLE key directly or pressing SETUP key to change caption language. SETUP menu operation detail methods in system setup menu.

Notice:

- 1. Some discs only contain one language
- If you cannot find your favor caption language by pressing SUBTITLE key continually, that means the disc have no such caption language at all.



2. Select dubbing language

When playing DVD disc, you could select your favor dub language by pressing the AUDIO key.

When playing VCD disc, you could also switch the audio output mode: Stereo→left sound channel→right sound channel→mono L&R→Stereo

3. **ZOOM**

While playing a video disc, press ZOOM player will zoom in the image, press ▲▼◀▶ to see other parts of the picture.

4. Different angle play (ANGLE)

During playback of DVD disc press ANGLE to display the available angles for disc contain multi-angle.

5. MUTE

When you want to mute the sound, press MUTE key on the remote, press mute again to resume to the normal playback.

6. Title

Some DVD discs have a title menu recorded within them to use for selecting titles for play. This feature will only work with these discs.

- 1. Press TITLE key during playing to enter title menu.
- Use ▲▼◀▶ keys to control the direction and press ENTER or PLAY
 to select preferred title or directly press the numeric keys to select
 the title.

Notice:

DVD disc are divided into units referred to as titles are divided into chapters. A disc that contains a movie may have only one title with many chapter divisions

7. MENU

Some DVD disc has complex contents such as multi-subtitle, multi-audio, or multi-angle. In this case, you can use the DVD menu to select audio language, subtitle language, and angle.

- 1. Press MENU during playing to display the DVD menu
- 2. Use the Arrow key to select favor item, press ENTER or PLAY to confirm. Or directly press the numeric keys to select the item
- 3. Press MENU again resumes to normal play of the scene when MENU key was first pressed.

8. System select (NTSC/PAL)

Press SETUP key to enter setup menu, use direction key to select submenu option of 'Display' which under the 'TV System' option, then press ENTER to change the NTSC/PAL output mode.

Notice:

if connect player with TV and then display without color, please change output mode to be same with TV.

9. REPEAT

During playing, press REPEAT once to standard play mode. Press REPEAT twice to repeat title or track, press the key 3 times to repeat chapter. Repeat some segment, presses A- B one time first to setup start point (A), then press A-B second times to setup the end point (B). The player will repeat the segment from point A to B. press A-B a third time to cancel A-B repeat and resume playback from point A.

10. PROGRAM

You must create your program in the Edit Program menu before you can access the Program Play menu. By selecting Program Play in the Play Mode Menu you are requiring the DVD player to play the disc in the order you created in the Edit Program menu.

- 1. When a DVD is playing, press PROG (the main menu appears)
- 2. Use digit number keys to enter the title or chapter to be played
- 3. Press ENTER or PLAY to start
- 4. Press STOP twice to exit PROG

11. Display and On-Screen Info Display

During playing, press DISPLAY to display title, chapter, subtitle, audio, play time, tag state of the disc as follows:

DVD disc Info Display



CD disc Info Display



VCD disc Info Display





If the disc has many titles, you can select your favor title:

- 1. During playing, press GOTO (the info display appears)
- 2.Use Left/Right to select title
- 3.Use digit number keys to enter your favor title, press ENTER to play

Notice:

some disc only has one title

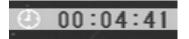


Some title may have many chapters; you can select your favor title chapter:

- 4. During playing, press GOTO (the info display appears)
- 5. Use Left/Right to select chapter
- 6. Use digit number keys to enter your favor chapter, press ENTER to play

Notice:

some title only has one chapter



Time display

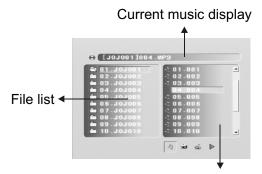
When machine are operating, you can select any time to play the disk:

- 1. Press 'GOTO' key while playing (the info display appears)
- 2. Press left/right key to select 'time'
- 3. Press number keys to enter play time (time must be the available for the disk), press 'ENTER' key to play

play CD and music can be selected to play:

- 1. Use number keys to key in the number of the music while playing
- 2. Example: selected number 12, please press key 1 at first then key 2

Play mp3 Mp3 music list

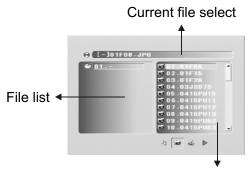


Current file music list

Mp3 music list will appear automatically while playing mp3 Select mp3 music:

- Use left/right key to select 'file list', use up/down key to select file, press 'ok' key to play
- 2. Use left/right key to select 'current file music list', use up/down key to select music, press 'ok' key to play
- 3. Screen will be turned off automatically when remote control or the machine are not used over 90 seconds. Press any key to turn on the screen.

Viewing JPEG files JPEG files table



JPEG file list in the current file

The Operation method of viewing JPEG files is similar as the operation method of playing MP3, the above picture will appear after insert JPEG disk.

Select viewing JPEG files, operation methods shown as follow:

- 1. Left/right key to select 'File list', up/down key to select file, press 'enter' then JPEG file list will appear:
- 2. Left/right key to select 'JPEG file list in the current file', up/down key to select JPEG file, press 'enter' or 'play' key start to view.



Zoom

- Pictures are able to 'zoom in' for bigger size, press 'ZOOM IN' to select the size of zoom in for pictures: zoom in 2 times→3 times→ 4 times→ zoom in 2/1→zoom in 1/3→zoom in 1/4→zoom in OFF→ 2zoom in 2 times.
- 2. During pictures display, press up/down/left/right key to move the position.

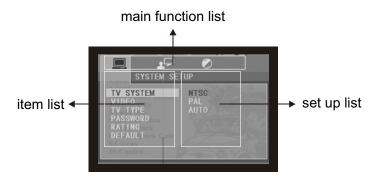
6. DVD system setting

Press SETUP key to enter system menu to setup DVD systems



- 1. Use left/right key to select 'function' from 'main function list', 'item list' will appears.
- Use up/down key to select item which need to set up, press 'enter' key to enter the 'set up list' of the selected item, press up/down key to lest 'set up', press 'enter' key to return to 'item list'.
- 3. After set up, select 'exit set up menu' from 'item list' or press 'play' key to exit system set up menu.

System set up menu:



Setup options for the DVD system as illustrated below.

Maine Function	ITEM	Selecting item & remark
	TV SYSTEM	NTSC/PAL/AUTO
SYSTEM SETUP	TV TYPE	4:3PS/16:9
	VIDEO	CVBS
	PASSWORD	Insert new password then confirm, system will save the password, (factory default password '9999' KID
	RATING	SAFE/G/PG/PG13/PG-R/R/NC-17/ADULT
	DEFAULT	RESTORE
	OSD LANGUAGE	English/French/Spanish/German
LANGUAGE	AUDIO LANG	Chinese/English/French/Spanish/German
SETUP	SUBTITLE LANG	Chinese/English/French/Spanish/German
	MENU LANG	Chinese/English/French/Spanish/German
DIGITAL SETUP	DUAL MONO	STEREO/MONO L/ MONO R/ MIX MONO

7. MENU CHART (Press MENU Button on the remote control)

Press MENU to display options as follows:

PICTURE OPTION CLOCK

SYSTEM PRESET

7.1. PICTURE

CONTRAST, BRIGHT, COLOR, SHARP and TINT displays on the screen as below description:

Press ▲ or ▼ to select the item Press ◀ or ▶ to adjust



Only when displaying the picture of NTSC system, it will show the character of TINT in the Picture menu.

7.2. OPTION

LANGUAGE, CALENDAR and GAME displays on the screen as below description:

7.2.1.Press ▲ or ▼ to select the item LANGUAGE:

Press

or

to select multi language of OSD.

7.2.2.Press ▲ or ▼ to select the item CALENDAR:

Press ◀ or ▶ to select CALENDAR. Press ▲ or ▼ adjust year, and

press ◀ or ▶adjust month.

7.2.3.Press ▲ or ▼ to select the item GAME:

Press ◀ or ▶ then game begins, then press ◀ to move leftward, ▶ to rightward, ▼ to quick down and ▲ to rotate the game by 360 degrees. Press POWER to exit game and resume to TV or VIDEO status.

Notice

When play games under weak or no signal, the game bar will twist slightly. It is recommended to switch to video status before you playing the game again.

7.3. CLOCK

TIME, ON-TIME, OFF-TIME, ATTENTION, BESPOKE TIME and POSITION will display on the screen as below description:

Press ▲ or ▼ to select item, Press ◀ or ▶ to setup.

Notice>

If you wish to setup other item, TIME must be setup. All items is 24 hours the most.

7.4. SYSTEM

COLOR-SYS, SOUND-SYS, BLUE BACK, HORIZONTAL, VERTICAL and ZOOM displays on the screen as below description:

7.4.1.Press ▲ or ▼ to select the item COLOR-SYS:

Then press ▶ to revolve the screen in the order of AUTO, PAL and SECAM. Please choose carefully this system correctly.

Otherwise, it may cause achromatic or inferior color.

It is recommended to select on AUTO position.

7.4.2.Press ▲ or ▼ to select the item SOUND-SYS:

Then press ▶, the SOUND-SYS displays in the order of BG5.5M, I6.0M, DK6.5M and L6.5M.

Notes

- 1. Please set the SOUND-SYS at local one.
- 2. In case with picture while without sound or with noise, please check the SOUND-SYS for correct setup first.
 - 7.4.3.Press ▲ or ▼ to select the item BLUE BACK:

Press ◀ or ▶ can realize the ON / OFF of BLUE BACK under no signal.

7.4.4.Press ▲ or ▼ to select the item HORIZONTAL:

Press ◀ or ▶ can realize HORIZONTAL, press again to resume the picture.

7.4.5.Press ▲ or ▼ to select the item VERTICAL:

Press ◀ or ▶ can realize VERTICAL flip, press again to resume the picture.

7.4.6.Press ▲ or ▼ to select the item ZOOM:

Press ◀ or ▶ can realize the selection of picture modes:4:3 mode, and 16:9 mode.

7.5. PRESET

POSITION, REMEMBER, BAND, SWAP, FINE, SEARCH and AUTO-SEARCH will display on the screen as below description:

- 7.5.1.Press ▲ or ▼ to select POSITION, and press ◀ or ▶ to set.
- 7.5.2.Press ▲ or ▼ to select REMEMBER, and press ◀ or ▶ to select ON, this channel will be displayed when selected. When REMEMBER is OFF, this channel will not be displayed.
- 7.5.3.Press ▲ or ▼ to select BAND ,and then press ◀ or ▶ to switch of V-L,V-H and U.
- 7.5.4.Press ▲ or ▼ to select SWAP, then press ◀ or ▶ to select the channel No . Press MENU to confirm SWAP.
- 7.5.5.Press ▲ or ▼ to select FINE. Then press ◀ or ▶ to adjust channel frenquency by little.
- 7.5.6.Press ▲ or ▼ to select SEARCH. Then press ◀ or ▶ to start searching forthward or backward.TV searching indicater bar will turn to green from red after search TV signal. TV storage system will identify as no signal if TV channel are on too weak signal.
- 7.5.7.Press ▲ or ▼ to select AUTO-SEARCH. Press ◀ or ▶ to start auto searching from channel 0 in turns of V-L , V-H and UHF. Station of sufficient strength will be memorized and searching stops.

CARD mode operation

1. The right usage memory facility (USB&CARD)

The device supports almost all types of USB, Multi Media Card (MMC), SD, Merory Stick (MS) in the market.

- 1. The memory of different USB & CARD are require within 2G.
- 2. The device is able to read JPEG, MP3, WMA, VCD, AVI ect. (but do not support DIVX3. 11format and AC3 audio compress format)

⚠ Notice

- 1. Able to play very smoothly when data stream is below 1000KBP/S, it might pause when the data stream is above 1000KBP/S
- 2. The USB plug of this device do not support Multi-media devices such as Card reader, portable hard drive, MP3, MP4.
- 3. When facing problems from the device, please unplug the device for 5 seconds then re-start (reset)

2. Playing multi-media files

Press 'MODE', switch to CARD mode, in the interface there are 'PHOTO', 'MUSIC', 'VIDEO', 'SLIDE SHOW' and 'SETUP'. Insert USB or CARD (if USB and CARD are inserted at the same time, press MENU from the main interface to select either USB or CARD).

2.1. Reading Picture

2.1.1 Reading Picture

Use the direction key to select 'PHOTO', then press 'OK' to open file, press upward/downward to select picutre, press 'OK' to read. When reading Picture, press 'S.SHOW' to change the impact of the display. Press 'MENU' for function menu; use left/right direction key to select function, press 'OK' to confirm; Press 'MENU' twice to show picture attribute; Press 'MENU' three times to exit.

When reading picture files, press ◀ ▶ ▲ ▼ direction key for fast operation of the following functions:

■ Left direction key: anticlockwise 90°

► Right direction key: clockwise 90°

▲ Up direction key: up/down mirror

▼ Down direction key: left/right mirror

After all the above operations, press 'S.SHOW' to cotinue to read pictures.

2.1.2 Reading Picture

Use direction key to select 'PHOTO', press 'OK' to open file from the memory source; press right direction key to read 12 picture menu. Press direction key to select picture, press 'OK' to read.

2.1.3 Multimedia file list fast switch

Use direction key to select 'PHOTO', press 'OK' to open file from the memory source; press left direction key to switch between 'PHOTO', 'MUSIC', 'VIDEO' and 'SLIDE SHOW'.

Function Menu

II / ▶: Play/ pause

■ : Stop ▶ : Next

: Repeat, press 'OK' to selection repeat all, repeat list, repeat 1 and repeat OFF respectively.

C: Circumgyrate; press 'OK' to selection ON/OFF; press left/right direction key for 90° Circumgyrate;

Q: Zoom: press 'OK' to select zoom; zoom2, zoom3, zoom4, zoom 1/2, zoom 1/3, zoom 1/4 and zoom OFF respectively; press direction to move picture.

⚠ Notice

Background music can not be open while reading picture, other function will not work when using zoom function.

2.2 Play music

Press direction key to select 'MUSIC', press 'OK' to open file from memorysource; press ▲▼ direction key to select file, press 'OK' to play. Function menu will appear, use ◀► direction key to select function, then press 'OK' to confirm.

Function menu

Ch: Repeat; press 'OK' to select repeat 1, repeat list, reapeat all, repeat OFF.

► : Next

II / ▶: Previous
II / ▶: Play/pause

2.3 Play movie

Press direction key to select 'VIDEO', press 'OK' to open file from the memory source, press ▲▼ direction key to select file, press 'OK' to play. Then press 'MENU' for function menu, use ◀▶ direction key to selection functions, then press 'OK' to confirm.

Function menu

II/ ▶: Play/pause

■ : Stop

◄: Fast backward

: Fast forward

: Repeat; press 'OK' to select repeat all, repeat list, repeat 1 and repeat OFF.

2.4 Slide show

Use direction key to select 'SLIDE SHOW', press 'OK' to open file from the memory source; press ▲▼ direction key to select file, press 'OK' to play. Then press MENU for function menu, use ◀▶ direction key to select functions, then press 'OK' to confirm. While playing, press 'OK' to turn ON/OFF background music, press 'VOL+ and VOL-' to adjust volume. Press MENU twice to view Picture attribute; press MENU three times to exit. (function menu remains unchanged in slide show and reading picture, for operation methods please refer to function menu manual under reading picture.)

Motice

The display languages of file name and movie name appeares to be simplified Chinese, traditional Chinese and international standard character, if languages display are not the above character or character over 8 digits, disorder characters will appear.

2.5 Setting

Use direction key to select 'SETUP', use ▲ / ▼ select up/down, use ◀ / ▶ select left/right, then press 'OK' to confirm.

- 2.5.1 Effect: enter to select the mode of display picture or play slide show.
- 2.5.2 Frequency: time setting for change picture display.
- 2.5.3 TV system: the TV system of external monitor must be the same to this device, setting can be made under this section.
- 2.5.4 OSD language: select OSD language.
- 2.5.5 Default: return to factory default, OSD language and other section will return to factory default setting.

8. Troubleshooting

Symptoms for DVD

As this machine is controlled by the micro-computer, if any functional problem happened, please plug off the power and open the DVD after a few seconds so as to the integrating DVD replace. If it is normal atthe time, the DVD can be used.

The common problem on play	The repairing method and advert proceeding
No power	Confirm if the link between the power adaptor Whether the power switching turn to "ON"
It can not play after press the play button	Check whether signal side of disc is correct or not High disc is very dirt and scratched, sweep the disc with the soft cloth or change with the good disco.
No image / No colour	Check the disc if not for used VCD, DVD playing, if it is CD, it will be no picture show on. If the connecting TV no color, please change the color system setting.
The image with Lumpy color of pause and skip	If the quality of disc is not good, please choose the good disc
No image / sound of AV output	Please check whether all the external connecting equipment is correctly connected.
The track can not be changed	Some disc only have one track setting.
No character shown on screen	This function is lied on the adaptability of the disc and some discs without character. Please unwrap the character.
The remote controller lose function	 Check whether the battery of the remote controller is loaded correctly. whether power of the battery for the remote controller is available or not. Please aim at the remote controller sense window and operate.

Symptoms for TFT TV

Problem phenomena	Possible causes
No picture / No sound	Improper connection with power source
No picture	check the AV switching line connected as well

9. The technical specifications

DVD Technical Specifications

Laser wave length	DVD 650nm, CD 780nm
Pick up	Hitachi
Compatible disc	MPEG-4 (DIVX), DVD, VCD, CD, MP3, JPEG CD, CR-R, CD-R/W, DVD+R/-R
Shockproof	DVD 3 sec, VCD/CD 10sec, Mp3 90sec
Audio output level	2.0V±0.2, Earphone output is under 15mw
Frequency response	20Hz-20KHz
Brightness SNR	>56dB
Chroma SNR	>60dB
Video frequency system	PAL/NTSC/AUTO
Menu Language	English/French/Spanish/Portuguese/German/Russian
Power source	AC input 110-240V 50/60MhZ
Dimension	215(L)*128(H)*27(T)mm
Net weight	Around 400g
Power consumption	< 5W

TV Technical specifications

Screen Type and size	LCD-TFT / 17.8CM (7")
Display Resolution	1440(H)×234(V)
Audio output	0.3 (max)×2
Speaker	4.0cm(rotundity)
Connecting terminal	Earphone jack, AV input jack, external power input jack, backup connection terminal
Power supply	Car adapter 12V 12-24V
Power consumption	Around 10w
Dimension	232(L)×135(H)×38(T) mm
Net weight	516g

Due to continuing improvements, the features and design are subject to change without notice.

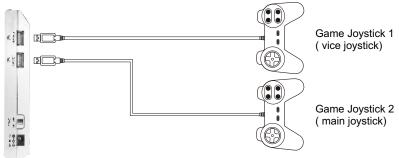
Game Function

Joy stick appearance



- USB interface, to connect with the game jack on the right side of the unit
- Up/Down/Left/Right direction button
- 3. Option button
- 4. Start button
- 5. Function button

Joy stick connection



Game jack on the left side of unit

CAUTION: Please disconnect the power before connecting the joy stick

Operation

Please follow step operation when you use the game function

- 1. Please disconnect the power before connect the game joystick with the main unit and then turn ON.
- 2. Put according joystick game disc into the unit, after reading will auto display game menu.
- Press ⋈
 Image: I
- 4. Use the DVD remote control digital button directly choose the game name into the play
- 5. Press "stop" or "return" button or same time press "Option" and "start" button on the main game joystick to return game main menu for renew choose game name