TFT-LCD TV

W152D

USER MANUAL

READ CAREFULLY
BEFORE OPERATION

IMPORTANT SAFETY INSTRUCTIONS

CAUTION

**RISK OF ELECTRIC SHOCK.
DO NOT OPEN.**

TO PREVENT ELECTRICAL SHOCK.
DO NOT REMOVE THIS COVER. NO
USER- SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED
SERVICE PERSONNEL.

**This symbol indicates
" dangerous voltage "
inside the product that
presents a risk of electric
shock or personal injury.**

**This symbol indicates
important instructions
accompanying the
product.**

Please read this manual carefully before using this product.

● Before connecting the AC power cord to the DC adapter outlet ,make sure the
voltage designation of the LCD TV corresponds to the local electrical supply .
If you are unsure of your power supply , ask your local power company .

● Never insert anything metallic into the cabinet openings of the liquid crystal
display (LCD)TV/monitor;otherwise it may create the danger of electric shock.

● To avoid electric shock, Never touch the inside of the LCD TV/monitor and
adapter. Only a qualified technician should open the case of the LCD TV/
monitor/adapter.

● Never use your LCD TV/monitor/adapter if the power cord has been damaged .
Do not allow anything to rest on the power cord, and keep the cord away from
place where people can trip over it .

● Be sure to hold the plug, not the cord, when disconnecting the adapter from an
electric socket.

● Openings in the LCD TV/monitor/adapter cabinet are provided for ventilation.
To prevent overheating, these openings should not be blocked or covered. Also,
avoid using the LCD TV/monitor on a bed ,sofa ,rug, or other soft surface. Doing
so may block the ventilation openings in the bottom of the cabinet. If you put the
LCD TV/monitor in a bookcase or some other enclosed space, be sure to provide
adequate ventilation.

IMPORTANT SAFETY INSTRUCTIONS

- Do not expose the LCD TV/monitor to extreme temperature conditions or to extreme humidity conditions.

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

- Do not place the LCD TV/monitor on an unstable cart, stand, tripod, bracket, table, or floor where it can fall. It is damaged if dropped, hit or scratched. Do not clean the front with keton-type materials (e.g. Acetone), ethyl alcohol, toluene, ethy lacid, methyl, or chloride-these may damage the panel.

- Locate your DC adapter near an easily accessible AC outlet.

- If your LCD TV/monitor does not operate normally in particular, if there are any unusual sounds or smells coming from it， unplug it immediately and contact an authorized dealer or service center.

- High temperature can cause problems. Don`t use your LCD TV/monitor in direct sunlight, and keep it away from heaters, stoves, fireplaces, and other sources of heat.

- Unplug the DC adapter when it is going to be left unused for an extended period of time .

- To reduce the risk of fire or electric shock, and annoying interference, use the recommended accessories only.

- If the LCD TV/monitor is broken, do not try to repair it yourself. Contact qualified service personnel.

- Unplug your DC adapter from the AC outlet before any service.

- Be sure the service technician uses authorized replacement parts or their equivalents. Unauthorized parts may cause fire, electrical shook, or other hazards.

- Following any service or repair, be sure the service technician performs safety checks to certify that your TFT-LCD TV/monitor is in safe operating order.

- The apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

CONTENT

CONTENT

INSTALLATION

NORMAL INSTALLATION

Ⓐ

Kickstand

Ⓑ

Ostium

M5×28
Screw 1pcs

Ⓒ

Rear viewing of LCD TV
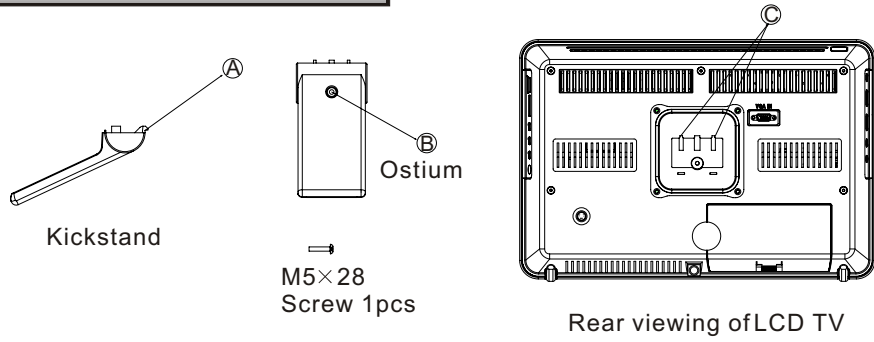
1, Hook the tache (labeled A)of the kickstand on to the slot (labeled C)

2, Tighten the screws (M5×28) through the ostium (labeled B).

3, Figure❶ shows the finished installation.

❶
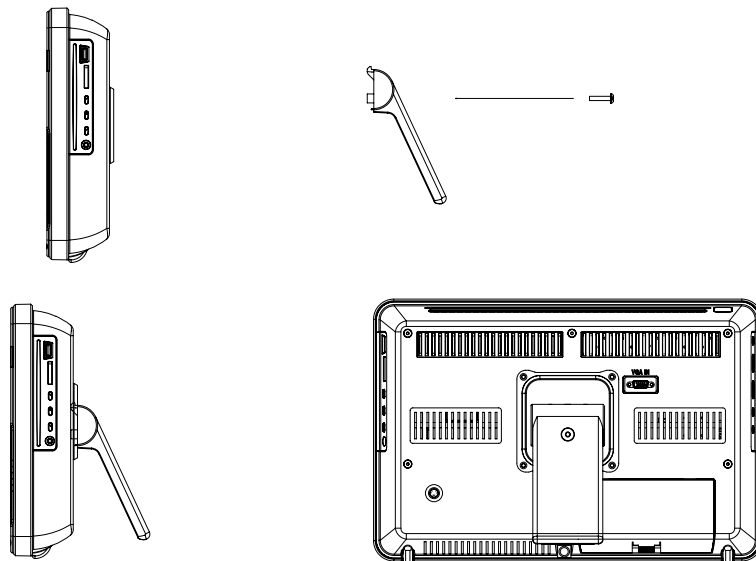
PANEL BUTTON FUNCTIONS

FRONT PANEL

Indicator(the indicator is red when in standby mode, and green when in working normally)

IR sensor window

LEFT PANEL

MENU(Enter or exit TV menu)

CHANNEL(Increase or decrease channel number)

VOLUME(Increase or decrease volume)

SOURCE(Select input source)

STANDBY(To switch in standby mode and power-on mode.)
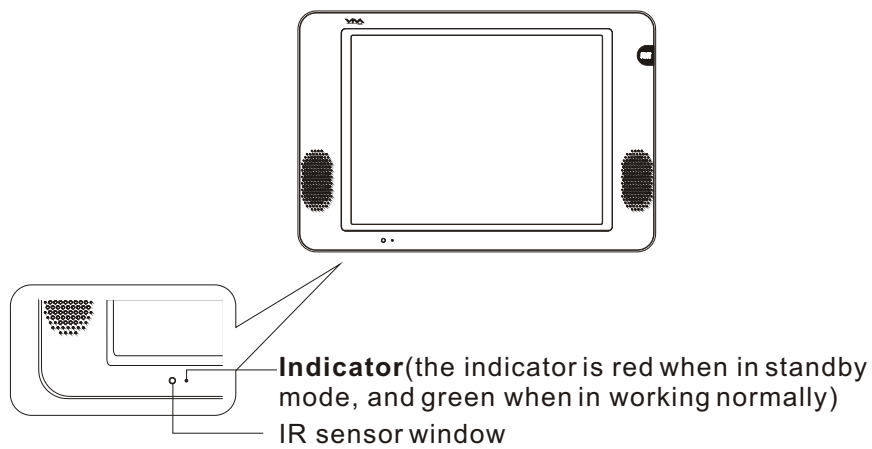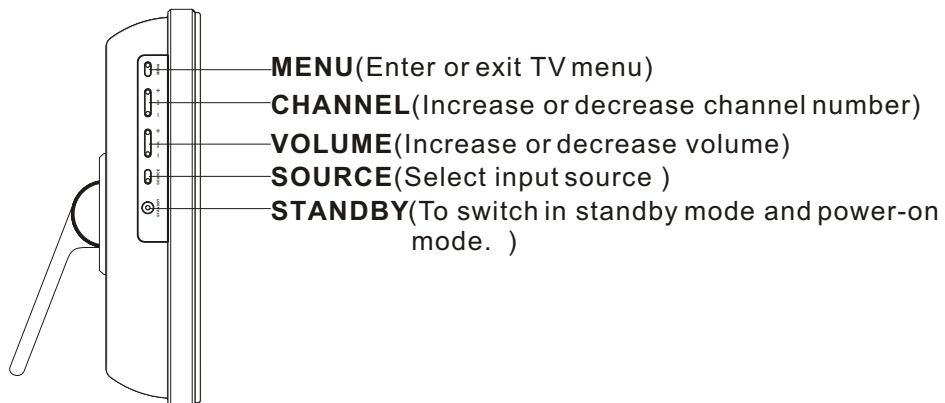
PANEL BUTTON FUNCTIONS

RIGHT PANEL

USB jack
MEDIA CARD socket
EJECT button
STOP button
PLAY/PAUSE button
HEADPHONE jack

REAR PANEL

1 YPbPr or YCbCr input terminal

2 Composite video/audio and
   S-VIDEO audio input

3 PC audio and YPbPr audio input

4 Coaxial digital audio output

5 S-VIDEO input

6 SCART connecting terminal

7 RF input terminal

8 VGA input terminal
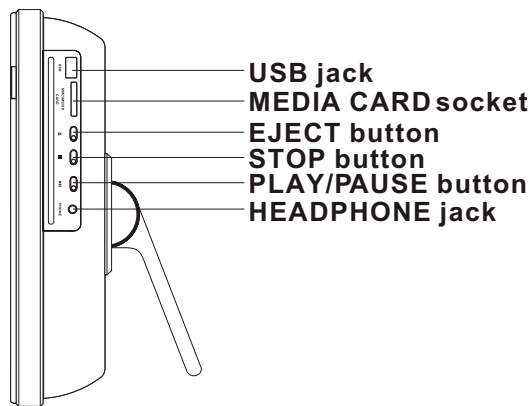
9 12V DC input terminal
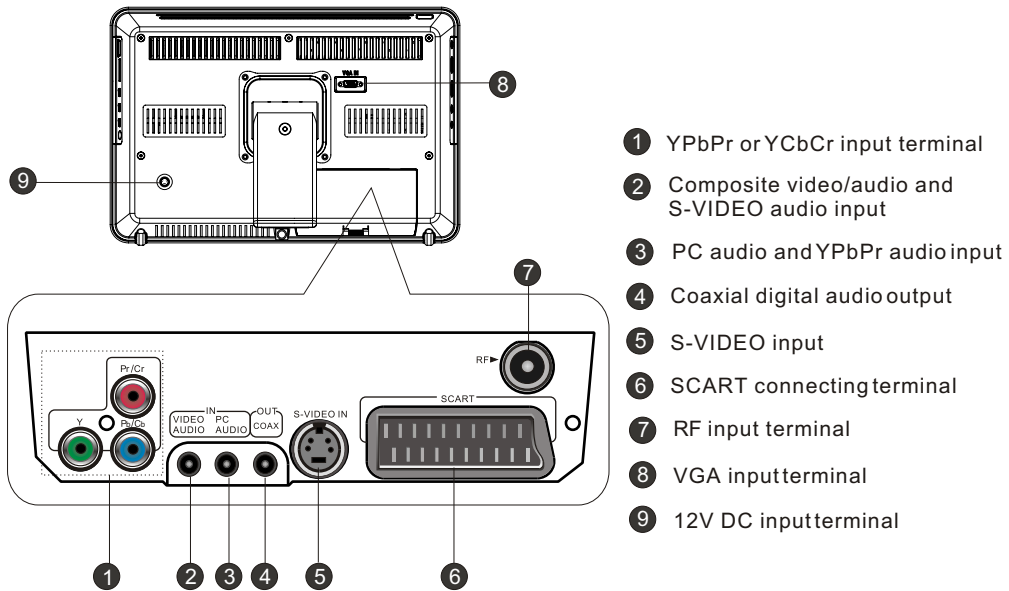
EXTERNAL EQUIPMENT

CONNECTING DIAGRAM

DVD or VCR player

Power amplifier (with coaxial digital audio in)
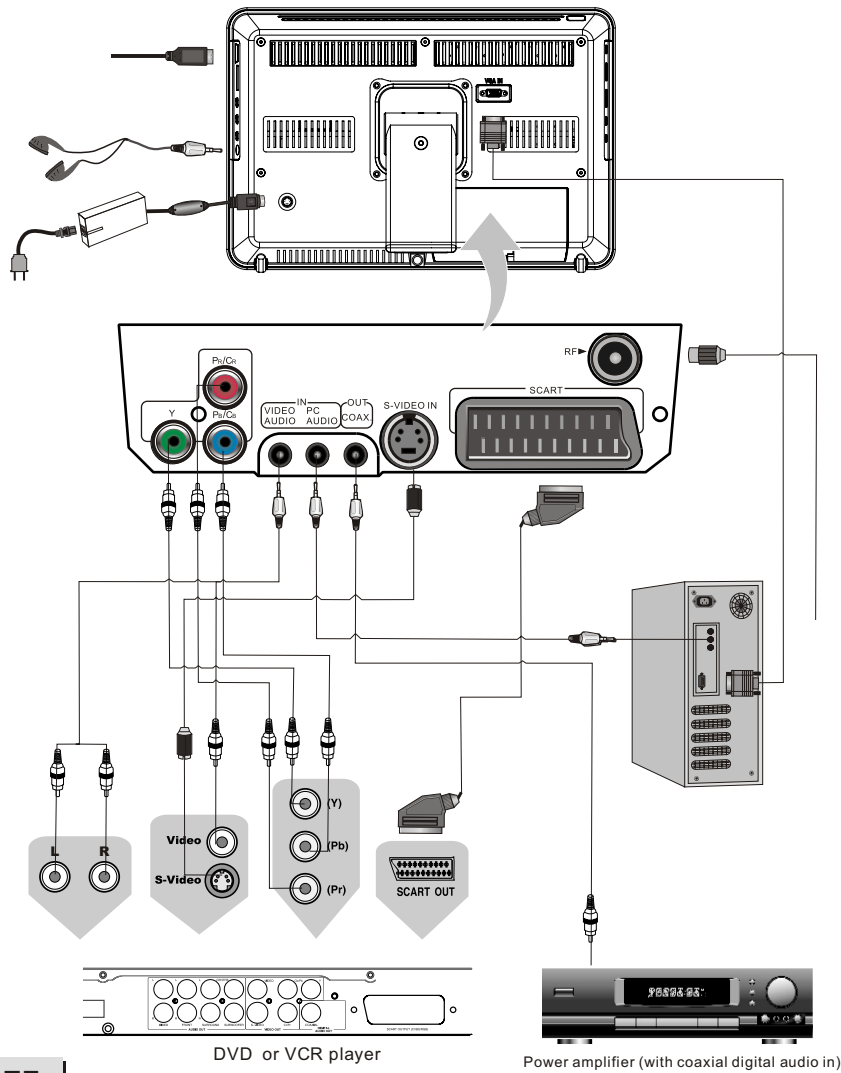
NOTE

You should insert all interconnecting cables BEFORE plugging in the power cord.

REMOTE CONTROLLER

REMOTE BUTTONS
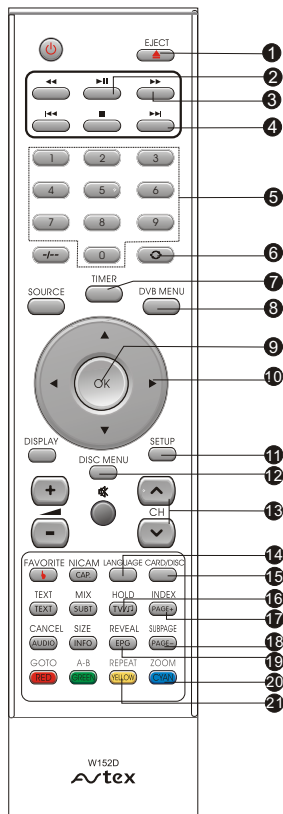
① EJECT
Disc in/out, valid in DVD mode.

② [►Ⅱ] button
Pause playing/steps playback in pause mode, valid while in DVD mode.

③ [►►] button
To fast-forwards DVD playback, valid in DVD mode.

④ [►►Ⅰ] button
To select the next chapter or track.

⑤ Number button
To select program number.

⑥ RETURN
To exchange channel between the previous program and the current program, valid in TV or DVD mode.

⑦ TIMER
To display the calendar and settings for timer of power on/off .

⑧ DVB MENU
To enter or return to the previous DVB menu and screen.

⑨ OK button
To confirm the selections.

⑩ Left/Right cursor(menu adjustment)
To move leftward/ rightward or adjust the selected item in the menu, or adjust sound volume, valid in DVD mode.

⑪ SETUP
TV or DVD function setup.

⑫ DISC MENU
To go to the menu of DVD menu, valid in DVD mode.

⑬ CHANNEL+/-
To increase or decrease program number valid in TV and DVB mode.

⑭ LANGUAGE
To switch the output language or channel, valid in DVD mode.

⑮ CARD/DISC
Switches between the card reader, DVD or USB mode, valid while in DVD mode.

⑯ HOLD/TV/♫
To stop teletext on current page/Switch between TV and radio modes, valid in DVD mode.

⑰ INDEX/PAGE+
To display main content page when playing the teletext /Change to the program in next page.

⑱ SUBPAGE/PAGE-
To display the subpage of the teletext/Change to the program in previous page.

⑲ REVEAL/EPG
Display the hidden teletext information /To display the program guide(valid in DVB mode).

⑳ ZOOM/CYAN
To zoom in and zoom out to the picture, valid in DVD mode/CYAN button.

㉑ REPEAT/YELLOW
To repeat playback ,valid in DVD mode/YELLOW button.

REMOTE CONTROLLER

22 **STANDBY**
To switch between standby mode and power-on
mode.

23 **[◄◄] button**
To fast backward playback, valid in DVD mode.

24 **[I◄◄] button**
To select the previous chapter or track, valid in
DVD mode.

25 **[■] button**
To stop playing, valid in DVD mode.

26 **TWO-DIGIT NUMBER BUTTON**
To switch between one or two-digit program
number.

27 **SOURCE**
To select input source: TV, DVB, DVD,AV,
S-VIDEO,SCART, YPBPR and VGA.

28 **UP/DOWN cursor**
To select upward/downward in the menu or
change the channel, valid in TV and DVB mode.

29 **DISPLAY**
To display source information.

30 **MUTE**
Sound mute switch.

31 **Volume +/-**
To increase or decrease sound volume.

32 **FAVORITE/Q-PLAY**
Display your favorite channel list, valid in DVB
mode /Play DVD directly in DVD mode.

33 **NICAM/CAP.**
Switch in NICAM, A2 and mono channel(It is
effective in TV signal input with NICAM or A2
function) / Capture the currently played image
and set it as the power-on logo in DVD mode.

34 **TEXT/TEXT**
To enable or disable the function of teletext.

35 **MIX/SUBT**
To display TV and teletext in the same time/
Selects the subtitle language or switches to
JPEG display mode, valid in DVD and DVB
mode.

36 **CANCEL/AUDIO**
To cancel teletext/To change the audio
language and sound track, valid in DVB
mode .

37 **SIZE/INFO**
To magnify teletext page/To display the
information about channel and program,
valid in DVD and DVB mode.
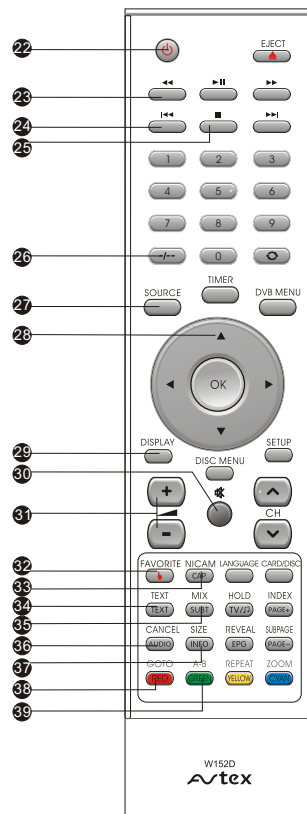
38 **GOTO/RED**
To play from a certain time point,
valid in DVD mode/RED button.

39 **A-B/GREEN**
To segment repeat , valid in
DVD mode/Green button.

REMOTE CONTROLLER

BATTERY INSTALLATION

Remove the battery cover. Insert two SUM-4(AAA) batteries matching the -/+ polarities of the battery to the -/+ marks inside the battery compartment, as follows:
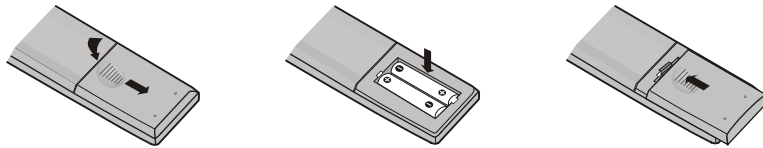
BATTERY LIFE

● Generally speaking, the battery may be used for one year, but the battery life is also related to the usage times and remote controller operation.

● If the remote controller is still invalid when very near to the remote sensor window, please replace the battery.

● Please use SUM-4(AAA) battery.

NOTES

● Never use rechargeable battery.

● Never charge, short-circuit, disassemble and heat the battery, or throw it into fire.

● Pay attention not to fall or knock the remote controller, which will cause damage or function failure to it.

● Do not use new and old battery together.

● When not using the remote controller for a long time, please take out battery to avoid liquid leakage. Before replacing new battery, please clean the electrolyte in the remote controller.

● If electrolyte splashes into body, please clean it with water.

> **CAUTION：**
> Please put battery in the place children cannot touch. If swallow by accident, please contact with the local doctor immediately.

LET'S START

After this unit is well fixed on the desk or on the wall, and the cords are well connected for input or output, what you should do next is:

First, connect the adapter to the LCD TV, then the unit will go into standby mode, and you can see the indicator goes into red.

Second, press [STANDBY] key on the left side of the LCD TV or [STANDBY] button on the remote control to make the unit switch into working mode, and you will see the indicator turn green. Now you can enjoy all exciting features of the whole new product.

STANDBY

INDICATOR

STANDBY
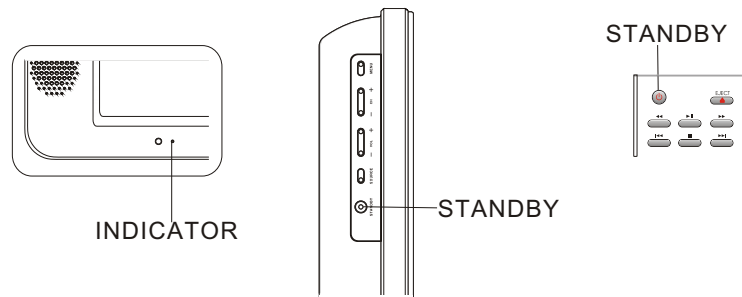
CHANGE SOURCE OPERATION

You can change input source by using Source Menu. Press [SOURCE] button or [SOURCE] key to show the menu as follows:

✓ TV
DVB
DVD
AV
S-VIDEO
SCART
YPBPR
VGA
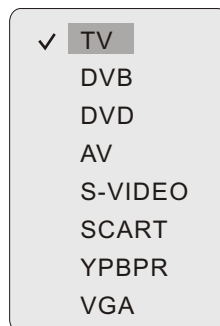
The current source item is highlighted. Through press [▲/▼] button on the remote control or [CH+/CH-] key on the left side of LCD TV to select your desire, Press [◄/►] button, [VOL+/VOL-] key or [OK] button to confirm your choice .

TV MENU SETUP

This product can store up to 100-channel programs (0~99). You can select your favorite channel through [CH+/-] or number buttons, and you can scan and store all of the channels through manual or automatic mode.

In TV mode, press [SETUP] button into the main menu and the main menu will show as follows:

● Through pressing [▲/▼] button on the remote control, you can select main menu sections(main menu sections consist of " PICTURE ", " SOUND " , " TV SETTING " ," SYSTEM SETTING") . Press [▶] or [OK] button to enter this menu section.

● Press [▲/▼] button on the remote control to select the item, and then press [◄/▶] button to adjust parameter value. Press [SETUP] button to return to main menu sections.

	PICTURE
PICTURE	◄ USER ►
BRIGHTNESS	50
CONTRAST	40
SATURATION	50
TINT	50

SELECT [▲] [▼]   ENTER [OK] ▶   RETURN [SETUP]
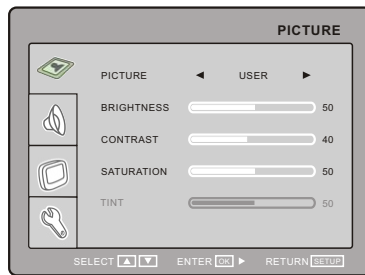
PICTURE

Select " " and menu will show as follows:

Press [▲/▼] button to select items and [◄/▶] button to adjust.

	PICTURE
PICTURE	◄ USER ►
BRIGHTNESS	50
CONTRAST	40
SATURATION	50
TINT	50

SELECT [▲] [▼]   ADJUST ◄►   RETURN [SETUP]
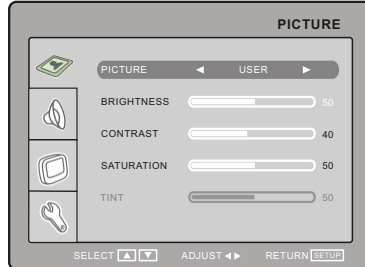
Item	Description
PICTURE	Can be change between : "USER ", "STANDARD ", "DYNAMIC " and "SOFT ".
BRIGHTNESS	To adjust brightness.
CONTRAST	To adjust contrast.
SATURATION	To adjust color saturation.
TINT	To adjust picture tint, only valid in N 3.58/N 4.43/PAL60 and display mode with V-scanning frequency equal 59.94 (please refer to P52).

TV MENU SETUP

SOUND

Press [▲/▼] select " 🐚 " and press [▶] or [OK] button to enter the following section:

```
                                    SOUND

  ◈       SOUND          ◀      USER      ▶

  🐚      BALANCE        ▭▬▬▬▬▬▬▬▬      40

          BASS           ▬▬▬▬▬▬▬▬▭      50

  🖵       TREBLE         ▬▬▬▬▬▭▭▭▭      34

  🔧      BBE VIVA       ◀      OFF       ▶


    SELECT ▲▼    ENTER OK ▶    RETURN SETUP
```
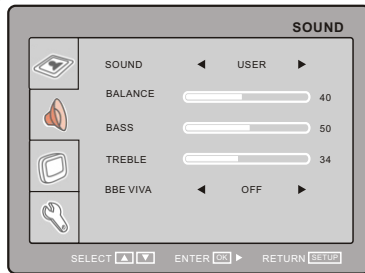
● Press [▲/▼] button to select item and press [◀/▶] button to adjust . The following is sound item description.

Item	Description
SOUND	Can be change between "USER", "STANDARD","NEWS" ,"FILM" and "MUSIC".
BALANCE	To adjust balance of left and right channels.
BASS	To adjust bass.
TREBLE	To adjust treble.
BBE VIVA	To adjust BBE mode(with bass and treble invalid)

TV MENU SETUP

TV SETTING

press [▲/▼] select " ▢ " item and press [▶] or [OK] button to enter the following section:
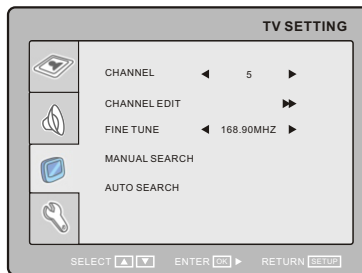
```
                              TV SETTING

            CHANNEL           ◀      5      ▶

            CHANNEL EDIT                   ▶▶

            FINE TUNE         ◀  168.90MHZ  ▶

            MANUAL SEARCH

            AUTO SEARCH


         SELECT ▲ ▼    ENTER OK ▶    RETURN SETUP
```

● Press [▲/▼] button to select item and press [◀/▶] button to adjust or activate.

Item	Description
CHANNEL	To change the channel number.
CHANNEL EDIT	To enter a submenu to set channel skip and channel swap. Please refer the next page.
FINE TUNE	To adjust the channel frequency accurately to make the sound and picture effect better.
MANUAL SEARCH	To scan programs by manual.
AUTO SEARCH	To scan programs and store all of them automatically.

NOTE

During the searching, you can press [SETUP] button to stop.

TV MENU SETUP

```
          CHANNEL EDIT
  CHANNEL        ◄      5      ►
  SKIP           ◄     NO      ►
  SWAP           ◄     ––      ►
  OK                    ?
```
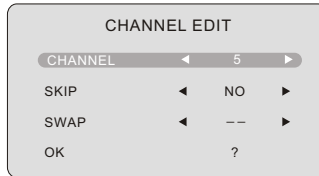
Item	Description
CHANNEL	To select current channel here.
SKIP	To select "Yes " or "No ", you can select "Yes " to make current channel unaccessible while using [CH+/-] button to browse channels.
SWAP	Select or enter the channel number directly to swap with current channel.
OK	Highlight this option and press the [OK] button to confirm the swap function.

TV MENU SETUP

SYSTEM SETTING

You can setup some system configuration here.

Press [▲/▼] to select " 🔧 " item and press [▶] or [OK] button to enter the following section:

```
                                    SYSTEM SETTING

         ⬡      COLOR SYSTEM      ◄      AUTO       ►

         🖐       SOUND SYSTEM      ◄        I         ►

                  LANGUAGE         ◄     ENGLISH    ►
         ▢
                  TRANSPARENCY     ◄       OFF       ►

                            ◄      RESET      ►
         🔧

         SELECT ▲ ▼       ENTER OK ►      RETURN SETUP
```
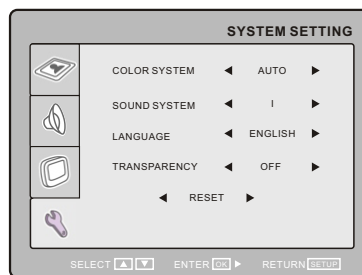
● Press [▲/▼] button to select item and press [◄/►] button to adjust or activate.

Item	Description
COLOR SYSTEM	Can be changed between: "Auto", "PAL" and "SECAM".
SOUND SYSTEM	Can be changed between:"BG", "DK", "I" and "L" .
LANGUAGE	Select OSD language.
TRANSPARENCY	To change transparency of OSD.
RESET	To reset all value to default.

NOTES

● Which "COLOR SYSTEM"mode and "SOUND SYSTEM"mode to use is related to your
   local TV broadcasting system.

● SECAM system is only used by some European countries and districts, such as France.

● If the local system is SECAM L, the color system must be selected as "SECAM" and sound
   system must be selected as "L".

TV MENU SETUP

NICAM/BILINGUAL RECEIVING

If you can receive Nicam/bilingual signal, you can operate as follows to enjoy that.

● You can select Nicam stereo, mono channel or bilingual through NICAM button on the remote control. If stereo signal is too weak, this unit will switch into mono channel automatically.

● When selecting mono channel, "MONO" will show on screen; when selecting bilingual, "DUAL1" will show on screen; when selecting bilingual II, "DUAL 2" will show on screen and when selecting stereo, " STEREO " will show on screen.

N O T E

Nicam/bilingual function is only effective in TV mode while program coming with Nicam/bilingual.

TELETEXT FUNCTION

Most TV stations provide cost-free teletext information, including the latest news, weather information, TV program list and stock information, etc. You just input the needed teletext page according to the teletext content.

TELETEXT DISPLAY

◆ Select the channel with teletext signal;
◆ Press [TEXT] button;
◆ Select the corresponding page according to the colorized buttons on the remote control;
◆ Press [TEXT] again and TV screen will display.

PAGE SELECTION

◆ You can input 3 digital numbers to enter the page you want to watch through number buttons. If the inputted number is invalid, you need to input correct 3 digital numbers again after you finished inputting this 3 digital numbers.
◆ You can select to turn pages forward or backward through [CH+/-] button.

MIX MODE

This function may let you enjoy TV and teletext information at the same time.
◆ When a certain teletext page displays, press [MIX] button, TV and teletext information will display on screen at the same time.
◆ Press [MIX] button again and only teletext image displays.
◆ In mix mode, the disturbance lines on teletext characters are easy to appear, so you are not recommended to select this mode.

NOTE

Press [CANCEL] button to exit teletext.

LOCK

You can press [HOLD] button to lock teletext page. Press this button again to cancel locking.

INDEX

Pressing [INDEX] button to display content page.
Enter a certain teletext page through inputting number buttons.

TELETEXT FUNCTION

ZOOM IN TELETEXT

◆ When teletext page shows, you may double zoom in to display this teletext page;
◆ Press [SIZE] button to zoom in the upper half part of teletext page;
◆ Press [SIZE] button again to enter the under half part of teletext page;
◆ Press this button for the third time to return to original display mode.

DISPLAY MODE

Press [REVEAL] button to display the hidden teletext information. Press this button again to cancel teletext information displaying.

SUBPAGE

User could press [SUBPAGE] button to select to the subpage of teletext.

COLORIZED BUTTONS (RED, YELLOW, GREEN, CYAN)

Select the corresponding teletext page through colorized buttons.

AV, S-VIDEO, SCART AND YPBPR SETUP

VIDEO SETTING MENU

When in AV/ S-VIDEO/SCART input mode, there are 6 color system modes for selection: "Auto", "PAL"," N 3.58", "N 4.43", "PAL60" and "SECAM". Select the right system for your video program. If you do not know which mode your video playback devices and video media is using, you should select the auto mode or you should check and confirm this with your supplier.

The menu setup of AV/S-VIDEO/SCART modes is much the same as that of TV mode, except the " ▢ "section is invalid and a little difference in color and sound modes. In order to make this manual pithy and concise, it is not repeated here. You can find it in preceding pages.

And the menu setup of YPBPR is the same as that of VGA menu ,except ' ⬦ "section. Please refer to posterior pages. The " ⬦ "section YPBPR used is the same as that of TV mode. Please refer to P9 for it.

NOTE

If no signal input in TV, AV, S-VIDEO, SCART, YPBPR, the screen will show like the following figure.

This unit will go into standby mode automatically with no signal input for more than 5 minutes.

```
        AV

   NO  SIGNAL

       4:50
```
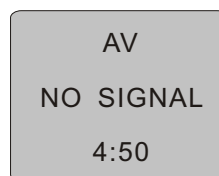
● If the input channel is SCART, this unit will automatically recognise RGB or CVBS signal of SCART; when normal RGB signal appears, this unit will automatically switch into RGB display mode. For this unit is combined by multiple functions, when inserting into SCART socket, it will not automatically switch into SCART mode. You have to select SCART channel through [SOURCE] menu, that is a little different with that of others TV set.

VGA SETUP

With the VGA mode supported up to 1024*768@75Hz, and speakers built in, you can use this unit as a multimedia PC monitor. When this unit works in VGA mode, the following setup can be done.

Press [SETUP] button to enter main section. Press [▲/▼] button to select sections and then press [▶] button or [OK] button to enter. If all is done, please press [SETUP] button twice to exit and your setup data will be saved automatically.

PICTURE

Press [▲/▼] button to select " ", and press [▶] or [OK] button to enter.
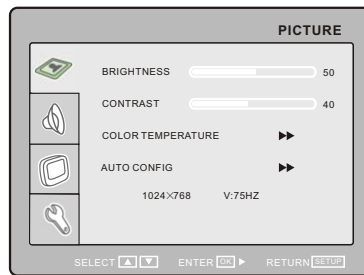
Press [◀/▶] button to adjust value of item.

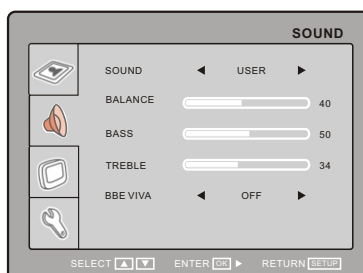| Item	Description
BRIGHTNESS	To adjust brightness of picture .
CONTRAST	To adjust contrast of picture .
COLOR TEMPERATURE	Enter sub menu to adjust color temperature of picture. Press [◀/▶ /OK] button to enter.
AUTO CONFIG	Auto config horizontal/vertical position, phase and frequency. Press [◀/▶/OK] button to activate.
STATUS	You can see some information about the input video here.

VGA SETUP

Here shows the color temperature sub menu.

```
        COLOR TEMPERATURE

COLOR        ◄   USER    ►
RED          [========     ]  50
GREEN        [========     ]  50
BLUE         [========     ]  50
```
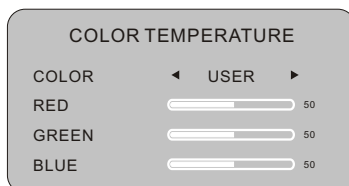
Press [▲/▼] button to select item and press [◄/►] button to change and adjust value of item.

Item	Description
COLOR	Select color temperature mode :"User", "C6500", "C8700", "C9300".
RED	Adjust red value of color temperature
GREEN	Adjust green value of color temperature
BLUE	Adjust blue value of color temperature

SOUND

Press [▲/▼] button to select " 🔊 " and press [►] or [OK] button to enter.

```
                                    SOUND
   [◆]    SOUND       ◄    USER    ►
   [🔊]   BALANCE    [======    ]  40
          BASS       [========  ]  50
   [▯]    TREBLE     [=====     ]  34
          BBE VIVA    ◄    OFF    ►
   [🔧]
   SELECT [▲][▼]   ENTER [OK]►   RETURN [SETUP]
```
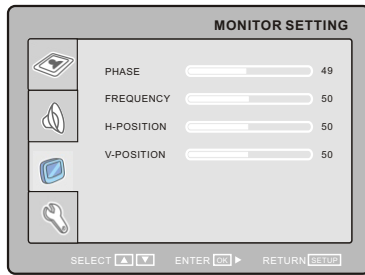
The operation of sound section here is the same as that in TV mode. Please refer to P10.

VGA SETUP

MONITOR SETTING

Press [▲/▼] button to select "▢" and press [▶] or [OK] button to enter.

```
                    MONITOR SETTING

  ◈      PHASE        ▬▬▬▬▬▬▬       49
  ◁      FREQUENCY    ▬▬▬▬▬▬▬       50
         H-POSITION   ▬▬▬▬▬▬▬       50
  ▣      V-POSITION   ▬▬▬▬▬▬▬       50

  ◭

     SELECT ▲ ▼    ENTER OK ▶    RETURN SETUP
```

Press [▲/▼] button to select item and press [◀/▶] button to adjust value of item.

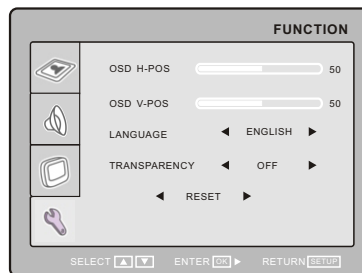| Item	Description
PHASE	To adjust phase.
FREQUENCY	To adjust frequency
H-POSITION	To adjust screen horizontal position
V-POSITION	To adjust screen vertical position

NOTE

If you use this unit as a PC-monitor, and when your PC goes into standby mode, the screen will show as dexter . This unit will go into sleep mode with no signal inputted in 2 minutes.
In this mode, the indicator will remains green, and the screen is turned off. You can wake it up by waking up your PC or pressing [SETUP] or [SOURCE] button in the remote control.

```
    VGA
  NO  SIGNAL
    1:50
```

VGA SETUP

FUNCTION

Press [▲/▼] button to select " ⚲ ", and press [▶] or [OK] button to enter.

```
                                    FUNCTION

    ⬦      OSD H-POS    ▭▭▭▭▭▭      50

    ⬠      OSD V-POS    ▭▭▭▭▭▭      50

    ▢      LANGUAGE        ◄  ENGLISH  ▶

    ⚲      TRANSPARENCY    ◄    OFF    ▶

                        ◄   RESET   ▶

       SELECT [▲] [▼]    ENTER [OK] ▶    RETURN [SETUP]
```

Press [◄/▶] button to adjust value of item.

Item	Description
OSD H-POS	To adjust the horizontal position of OSD
OSD V-POS	To adjust the vertical position of OSD
LANGUAGE	Select OSD language [English]
TRANSPARENCY	To adjust transparency of OSD. it can be change from OFF to LEVEL6, 7 levels in total.
RESET	Reset all value that related to picture and sound to default .

DVD OPERATION

DVD OPERATION

Brief Introduction

DVD provides brand-new AV effect for consumers with its extraordinarily large capacity and outstanding audio-video effects. Its capacity is as high as 4.7-17 GB (approximately 7-26 times the CD capacity) and horizontal resolution of picture is above 500-line.

Comparison Between DVD and Other Discs

	DVD				LD	SVCD	VCD	CD	CDROM
Recording Method	Digital/MPEG2				Analog	Digital/MPEG2	Digital/MPEG1	Digital	Digital
Capacity	Single-sided 1 layer 4.7G	Single-sided 2 layers 8.5G	Double-sided 1 layer 9.4G	Double-sided 2 layers 17G		650MB	650MB	650MB	650MB
Playback Time	133min	242min	266min	484min	1 side 60min. 2 sides 120min.	45min	74min	74min	
Disc Diameter	12CM/8CM				30CM/20CM	12CM/8CM	12CM/8CM	12CM/8CM	12CM/8CM
Horizontal Resolution	500 lines or more				430 lines or more	350 lines or more	250 lines or more		
Aspect Ratio	Multiple				One				
Subtitle	32 types				Max. 16 types				
Audio	Linear PCM				Linear PCM FM modulation			Linear PCM	
Sound Quality	48kHz、96kHz/16、20、24bit				44.1kHz/16bit		44.1kHz	44.1kHz/16bit	

Function Introduction

● Multiple languages and subtitles
   DVD disc can support as many as 8 dubbing languages and 32 subtitle languages.

● Multiple story plots
   User can select to play the desired plots (the beginning, development or ending) of the same disc.

● Multiple aspect ratios
   Multiple aspect ratios support various TV screens.

DVD OPERATION

Disc Pictures	TV Screen		
	4:3		16:9
	Pan-Scan	Letterbox	
4:3			
16:9			

Features

This player employs the new generation MTK decode chip with more convenient system and more stable operation. Super error correction slot-in loader with twin laser with good shockproof performance.

■ **Brand-new AV Effects**

❶ Compatible with MPEG 4 format discs to produce wonderful pictures.

❷ 108MHz/12bit video DAC with more vivid and brilliant pictures.

❸ Progressive-scan video outputs to eliminate the flickers hardly overcome by interlacing scan and therefore your eyesight will be well-protected. At the same time, the pictures definition is sharply enhanced and the pictures will be finer, smoother and stabler.

❹ Coaxial digital output terminal.

■ **High Quality Digital Audio**

❶ Coaxial digital audio output should be connected to power amplifier with DOLBY DIGITAL/DTS decoder.

❷ PCM Digital audio outputs to satisfy the fans' acoustic requirements.

■ **Convenient Functions**

❶ Direct entry into desired scenes (title/chapter/time/track search).

DVD OPERATION

② Multi-level zoom in/out playback function to provide you with brand-new enjoying way.

③ Multiple aspect ratios to fit TV sets of various screen ratios.

④ Parental lock function to prevent children from watching unsuitable discs.

⑤ Multiple dubbing languages and subtitle languages bring you the best entertainment status all the time.

■ Super compatible with VCD, SVCD, CD, HDCD, KODAK PICTURE CD etc.

NOTE: * Some discs labelled with MPEG4 on the market actually are *.rm/*.ra/*.ram/*.rmm and others which are not compatible. Please take care when buying discs.

Compatible Disc Types

Types	Sizes	Recorded Contents
DVD VIDEO	12cm	DVD: Compressed digital audio + compressed digital video (dynamic picture)
SVCD	12cm	SVCD: Compressed digital audio + compressed digital video (dynamic picture)
MPEG4	12cm	MPEG4: Compressed digital audio + compressed digital video (dynamic picture)
disc DIGITAL VIDEO	12cm	VIDEO CD: Compressed digital audio + compressed digital video (dynamic picture)
disc DIGITAL AUDIO	12cm	CD-DA: Digital audio

NOTES

• Issues related to DVD MPEG4 SVCD VCD CD

These icons on the top banner indicate the disc types that the function described in the section applies to.

DVD Applies to DVD disc

VCD Applies to VCD disc

MPEG4 Applies to MPEG4 disc

CD Applies to CD disc

SVCD Applies to SVCD disc

• This model do not support the 8cm disc. Do not insert that type of disc into this device to prevent disc jam.
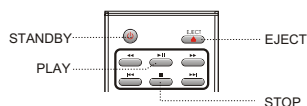
DVD OPERATION

PLAYBACK

DVD MPEG4 SVCD VCD CD

1. Power on and switch signal source to DVD mode and the unit begins to work.

2. Place the disc (with label side facing users) to the door and the unit will draw in the disc automatically.

- The unit begins to read disc information.

STANDBY ········ ⊙   EJECT ········ EJECT

PLAY ········   STOP

3. Press [PLAY] button to begin playing disc.

- When the unit playing a disc, press[►II] button the firs time and the unit enters pause state, while press [►II] button again and the unit resumes playback.

4. Press [STOP] button to stop playing.

- When the unit is playing a disc, press [■] button the first time and the unit enters pre-stop state, while press [■] button again and the unit enters stop state.

- At the pre-stop state, if you press [►II] button, the unit will continue to play from the stopped point.

- At the stop state, if you press [►II] button, the unit will play from the beginning point of the disc.

- Press [■] button when playing MPEG4 discs and the unit enters stop state directly.

5. Press [⏏] button to take out disc.

6. When finishing playing, switch signal source to other working state and press [⏻] button to make the unit enter standby state. Please pull out the power plug from power socket when not using the unit for a long time.

- [EJECT] button is effective only when selecting DVD signal source. In other signal source ,such as TV, AV, etc, this button is invalid.

VOLUME CONTROL

DVD MPEG4 SVCD VCD CD

1. Press [VOL+/VOL-] buttons to adjust volume.

2. Press [VOL+/VOL-] buttons on the remote control of this unit.

- Press [VOL+] button to increase volume; press [VOL-] button to decrease volume; the maximum volume is 100.

VOL+ ········

VOL- ········
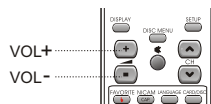
DVD OPERATION

VCD, SVCD MENU PLAYBACK

SVCD VCD

- When playing SVCD, VCD2.0 discs with menu playback function, you may enjoy simple menu playback alternation function. You may set menu playback state in the setup menu and select menu playback or sequence playback.

For instance, VCD 2.0 disc menu playback.

1. TV screen displays main menu.

- Press number buttons to select. For instance, press number button 1 to select main menu 1.

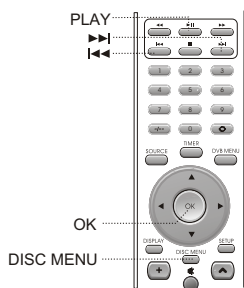**2. After entering main menu 1, TV screen displays submenu.**

3. Press [⏮], [⏭] buttons to turn pages.

4. Press number buttons to select submenu content. For instance, press number button 5 and the unit begins to play the fifth track.

5. When playing, pressing [DISC MENU] button to return to the root menu.

DVD OPERATION

DIRECT PLAY

Direct play is a creative function that very helpful for users to enjoy DVDs. With direct play function, you can play DVD directly, skipping the legal warning, advertisements, chapter selection and other thing that come before the movies start. You can enjoy pure movies without bothering.
When the disc is loaded and the legal warning, advertisements, chapter selection message shows, just press [↓] button to activate direct play function and start a pure movies playback.

DIRECT PLAY ·············

NOTE

When you are enjoying VCD with PBC function, direct play can disable the PBC and VCD will be played in sequence.

MEMORY

1. This player can save the currently played time point automatically when you leave the current DVD disc playback (switch from DVD to card read state, switch from DVD signal source to other signal source, enter standby state in DVD mode).

2. When switching to DVD playback state again, this player can automatically search the time point saved last time to continue playing. If you want to play from the beginning, please press [STOP] button twice and then press [PLAY] button.

NOTE

- This player may save one DVD disc for one time.

- The DVD disc played the last time will be saved, and the former saved contents will be cleared by new saved contents.

- If power is cut off unexpectedly, the DVD disc played currently will not be saved.

DVD OPERATION

SELECT TRACK TO PLAY DIRECTLY BY NUMBER BUTTONS

DVD SVCD VCD CD

1. Insert disc, after disc reading and normal playback, press number buttons to select track to play directly.

- If track number is less than 10, press number buttons 1 to 9 to directly select. For instance, select the seventh track: ⑦

- If track number is more than or equal to 10, press [-/- -] button and then number buttons 0 to 9. For instance, select the 16th track 1 + 6 -/- 6

- If track number is more than or equal to 20, press [-/- -] button twice and then number buttons 0 to 9. The rest can be performed by analog.

NUMBER
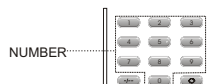
SELECT LANGUAGE/AUDIO

DVD SVCD VCD CD

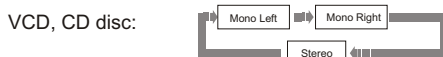**1. Press [LANGUAGE] button.**

- As for DVD and SVCD discs with multiple languages, you may select the desired language when playing.

  DVD disc:

  | Audio 1/2: Chinese | ➡ | Audio 2/2: French |

  SVCD disc:

  Audio 1 ⇄ Audio 2
  Audio 4 ⇄ Audio 3
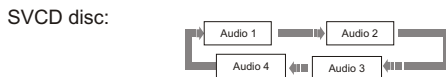
- As for VCD or CD disc with multiple channels, you may select audio output from left or right channel or select stereo audio output. For VCD disc, left channel records dubbing and right channel records singing, and you may select left channel for dubbing.

  VCD, CD disc:

  Mono Left ⇄ Mono Right
  Stereo
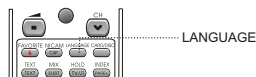
LANGUAGE

NOTE

Language type varies with disc recording.
- For VCD story disc with double languages, you may press [LANGUAGE] button to select the desired language.
- When playing some DVD discs, pressing [LANGUAGE] button to switch language may result in playing the track from its beginning.

DVD OPERATION

REPEAT PLAYBACK

DVD MPEG4 SVCD VCD CD

- The repeat playback function enables a certain title/chapter/track/disc repeated.

1. Press [REPEAT] button. Each press of REPEAT button may realize different repeat functions.
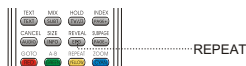
■ DVD DISC:

Chapter ➡ Title ➡ ALL ➡ Repeat Off

■ SVCD, VCD, CD discs:

- To SVCD, VCD2.0 discs, the repeat function is effective in sequence playback mode; to VCD1.1, CD discs, the repeat function may be directly operated.

Track ➡ ALL ➡ Repeat Off

- To SVCD, VCD2.0 discs, the repeat function cannot be operated in menu playback mode.

........REPEAT

REPEAT PLAYBACK OF SELECTED SEGMENT

DVD MPEG4 SVCD VCD CD

- When playing disc, you may press [A-B] button to play your desired segment content repeatedly.

1. In normal playback, press [A-B] button at the beginning point (point A) of the segment that you desire to play repeatedly.
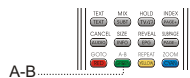
TV screen displays: | A |

2. In normal playback, press [A-B] button at the ending point (point B) of the segment that you desire to play repeatedly.

TV screen displays: | AB |

- The unit automatically returns to point A and begins to play the selected segment (A-B).

3. Press [A-B] button for the third time.

- The unit restores to normal playback.

A-B........

NOTE

- The A-B repeat function may be invalid to some discs. In menu playback mode, the segment can only be selected in the track.

DVD OPERATION

FAST PLAYBACK

DVD MPEG4 SVCD VCD CD

- When playing discs, you may select fast forward or fast backward playback to search a certain point.
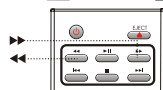
1. Press [▶▶] button and the unit begins fast forward playback.

- Press [▶▶] button each time and the disc playback speed switches in the following sequence circularly:

▶ ▶▶2X ▶ ▶▶4X ▶ ▶▶8X
▶ ◀ ▶▶32X ◀ ▶▶16X ◀

2. Press [◀◀] button and the unit begins fast backward playback.

- Press [◀◀] button each time and the disc playback speed switches in the following sequence circularly:

▶ ◀◀2X ▶ ◀◀4X ▶ ◀◀8X
▶ ◀ ◀◀32X ◀◀16X ◀

▶▶
◀◀

PLAY FROM THE DESIRED POSITION

DVD MPEG4 SVCD VCD CD

■ Play DVD disc

- Inputting a certain time, title number or chapter number directly may search in the disc fast and then play forward from this position.

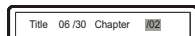**1. Search title and chapter. For instance, search the 2nd chapter in title 6.**

- Press [GOTO] button and TV screen displays:

Title 03/30 Chapter   /02

- Press [◀/▶] button to move cursor and lighten the title number, shown in the figure:

Title   /30 Chapter   01/02

- Then press number button 6 to select Title 6, shown in the figure:

Title 06 /30 Chapter   /02

- Finally press number button 2 to select Chapter 2, shown in the figure:

Title 06 /30 Chapter   02/02

2. Search title time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input hour, minute and second.

Title 06/30 Time   : :

3. Search chapter time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input hour, minute and second.

Chapter   01/04 Time   : :

DVD OPERATION

■ Play MPEG4 disc

1. Select track

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input the track.

2. Search track time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input hour, minute and second.

■ Play SVCD, VCD and CD discs

1. Search disc time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input minute and second.

2. Search track time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input minute and second.

3. Select the track

- Press [GOTO] button until TV screen displays the following figure. Press number buttons to input track.
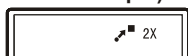

GOTO
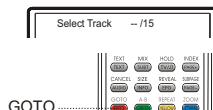
ZOOMING THE DISPLAYED FRAME

- Zoom in/out the player frame.

1. When playing a disc, press the [ZOOM] button can open the zoom in/out function, and the TV screen displays(take X2 mode as an example):

- The frame is magnified to 2 times of the normal size.

2. Press the [ZOOM] button continually, all the magnified/ minified modes display on the screen in turn. The magnified/ minified modes includes:X2,X3,X4,X1/2,X1/3,X1/4.

3. When the mode is on X1/4, press [ZOOM] button to close the zoom in/ out function, and the frame restores normal size.

4. **When the fame is magnified, press the [▲/▼ ◄/►] buttons to move the frame.**
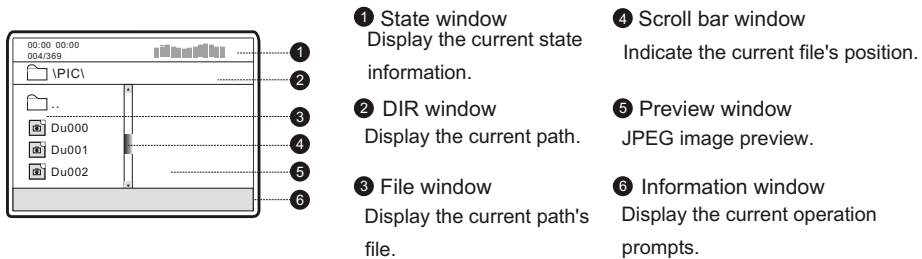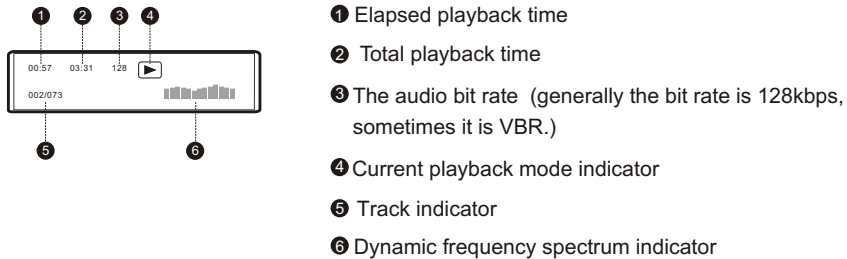

ZOOM
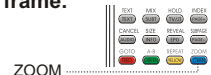
DVD OPERATION

MPEG4 AND JPEG FILE PLAYING

MPEG4 is the audio standard published by MPEG(Moving Pictures Experts Group) in November, 1998. As the discrepant parts between frames of picture are only processed and the same parts are deleted, the data number are greatly decreased. The most distinct feature of MPEG4 is the high compression and clear imaging. Furthermore, MPEG4 provides elastic specifications to adjust the stream according to the used requirements. The larger stream can be used when collecting private films; and the small stream can be used in network transferring, which make MPEG4 use widely.

JPEG(Joint Photographic Experts Group) is the most widely used picture compression and storage format today. Utilizing high efficiency compression algorithm, JPEG compresses the original picture 15 to 20 times with excellent picture quality. JPEG is featuring small size data, convenient application and supported by most picture processing software, so it is very fit to store photos.

The strong decoding capability of this unit can decode and play the files with the above formats. In the course of playing, an operation menu will appear and its construction is shown as follows.

❶ State window
Display the current state information.

❷ DIR window
Display the current path.

❸ File window
Display the current path's file.

❹ Scroll bar window
Indicate the current file's position.

❺ Preview window
JPEG image preview.

❻ Information window
Display the current operation prompts.

The state information in state window is as follows:

❶ Elapsed playback time

❷ Total playback time

❸ The audio bit rate (generally the bit rate is 128kbps, sometimes it is VBR.)

❹ Current playback mode indicator

❺ Track indicator

❻ Dynamic frequency spectrum indicator

DVD OPERATION

1. Play MPEG4 file

After you put an MPEG4 format file into the unit, it will search disc information and display the operation menu as figure A (The displayed content varies with disc.).

A:

B:

- Press [▲/▼] button to select the directory you desired and press [OK] button to confirm. For instance, you select the directory Du000 in Figure A, press [OK] button and TV screen displays as in Figure B. The window returns to the previous directory when you select [▱....] or press [◄] button.

- In Figure B, press [▲/▼] button to select the MPEG4 format file you desired and press [OK] button to confirm. The unit begins to play MPEG4 format movie.

2. Play JPEG file

After you put an JPEG format file into the unit, it will search disc information and display the operation menu as in the following figure. After selecting JPEG file, the preview window will appear this file's preview image to facilitate you to select. After you select the JPEG file you desired and press [OK] button to confirm, the picture will display in full screen.
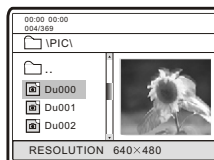
- ■ Other basic operation methods
1. Press [◄◄],[►►] button may turn to the next or last page.

- ■ Other functions of JPEG file
1. When playing JPEG file, pressing [SUBT] button may switch different JPEG display modes which have 16 kinds for selection.
2. When playing JPEG file, press [ZOOM] button to enter zoom in/out, and press it again to stop this function.
3. When in zoom in/out, pressing [►►] button may magnify the picture and it can magnify the frame twice at most as the original one. Pressing [◄◄] button may minify the picture and it can minify the frame half at most as the original one.

－ 33 －

DVD OPERATION

4. When playing JPEG file, pressing [■] button may realize preview playback function. At the same time, all JPEG files are displayed on TV screen. One frame can display up to 12 pictures at most. The rest ones are shown on the next frame. Pressing [▶▶|] button may enter the next frame and [|◀◀] button may enter the previous frame. You may press number buttons or [▲/▼] button to select the picture you desired and press [OK] button to confirm.

5. When in preview playback, pressing [DISC MENU] button may exit preview playback function.

6. When playing JPEG file, pressing [▲/▼] button may realize picture rotation button.
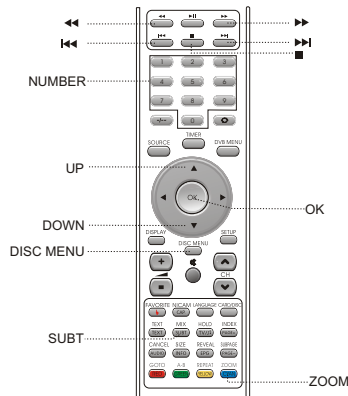
NOTE

When buttons are invalid, TV screen displays:

● Please press effective button again.

DVD FUNCTION SETUP

VIDEO SETUP
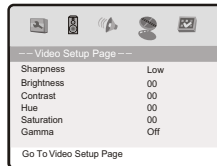
1. Sharpness: this item is used to set the sharpness of video outputs.

- Optional settings: High, Medium, Low; Default: Low

2. Brightness: this item is used to set the brightness of video outputs.

3. Contrast: this item is used to set the contrast of video outputs.

4. Hue: this item is used to set the hue of video outputs.

5. Saturation: this item is used to set the saturation of video outputs.

- How to adjust brightness, contrast, hue and saturation:

A. In picture setup page, press [▲/▼] button to select the item to be adjusted and press [OK] button to enter the corresponding item adjustment.

B. Press [◄/►] button to adjust the setup item.

C. After adjustment finishes, press [OK] button to return to picture setup page.

6. Gamma correction: this item is used to set the Gamma value of video output.

- Optional settings: High, Medium, Low, Off; Default: Off

INITIAL SETUP
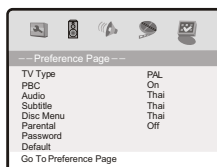
1. TV system: this item is used to set the unit's video output system.

- Optional settings: Auto, PAL, NTSC; Default: PAL

2. PBC: this item is used to set PBC state.

- When playing SVCD, VCD2.0 discs, if PBC is set On, this unit enters PBC playback mode; if PBC is set Off, the unit plays the disc according to track sequence.
- Optional settings: On, Off; Default: On

3. Audio: this item is used to set the preference audio language when playing.

4. Subtitle: this item is used to set the preference subtitle language when playing.

5. Disc menu language: this item is used to set the preference disc menu language when playing.

- Default of disc menu language: Thai
- Default of subtitle: Thai

DVD FUNCTION SETUP

- Audio, subtitle and disc menu language are only effective to DVD disc.
- If the disc is not recorded with the language you appointed, the unit will apply the language that the disc appointed to play.
- Select other languages: press [▲/▼] button to move cursor to "OTHER" item, press [OK] button and then number buttons to input the language code you desired. After input finishes, press [OK] button again.

6. Parental: this item is used to set the parental control ratings to prevent children from watching the restricted contents. (In case the disc supports this function)
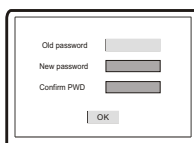
- Optional settings: KID SAFE, G, PG, PG 13, PGR, R, NC17, ADULT, Off; Default: Off

- When changing the parental control ratings, a password is needed. Please refer to the following password item for details.

7. Password: this item is used to set a four digital password to enable you to change the parental control ratings.

- Default: 7890

Old password	
New password	
Confirm PWD	
	OK

8. Default: this item is used to restore all settings to the default value except "Parental control" and "Password" in the setup menu.

CARD READER AND USB OPERATION

USAGE OF USB EQUIPMENT AND 3 -IN-1 CARD READER

USB refers to Universal Serial Bus. Most of USB devices on the market are USB1.1 or USB2.0.
There are some types USB 1.1 devices:
Monitors、Communication devices、Audio、Human Input Device(HID)、Mass storage.
Most flash memory ,USB HDD ect. belongs to Mass Storage Class . Mass Storage Class includes
2 transport manners:
1. USB 1.1 Mass Storage Class Control/Bulk/Interrupt (CBI) Transport
2. USB 1.1 Mass Storage Class Bulk-Only Transport
This unit supports USB 1.1 Mass Storage Class Bulk-Only Transport, we are not sure that other USB
devices can be supported! So please find out about the features of USB equipments before using it.
When using USB 1.1 Mass Storage Class Bulk-Only Transport devices, please notice the file
operation system supports Windows FAT ,not support FAT32 and NTFS ect. file system.
The 3-in-1 card reader of this player can read SD Card (Secure Digital Card), MMC Card (Multi
Media Card) MS Card (Memory Stick Card) .
**Important: Before you use the USB and card reader function, you should change
the input source of this unit to DVD.**

1. Play USB Equipment:
Please insert USB equipment into the USB jack of this unit firstly, press [CARD/DISC] button and a
selection menu appears on screen. You may press [CARD/DISC] or [▲/▼] button to select. If the
cursor stops in "USB" item, you may press [OK] or [PLAY] button to confirm.
After correctly reading USB equipment data, the screen will display an operation menu. Please refer
to the part of "MPEG4 and JPEG FILE PLAYBACK" in page 32 for details.

USB jack
MEDIA CARD socket
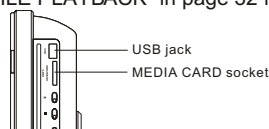
2. Play 3-in-1 CARD READER
Please insert the FLASH card supported by this player into the
port of card reader, press [CARD/DISC] button and a selection
menu appears on screen. You may press [CARD/DISC] or [▲/▼]
button to select. If the cursor stops in "CARD READER" item,
you may press [OK] or [PLAY] button to confirm. After correctly
reading card reader equipment data, the screen will display an
operation menu. Please refer to the part of "MPEG4 and JPEG
FILE PLAYBACK" in page 32 for details.

After pressing [CARD/DISC] button to display the selection
menu, if you do not want to switch equipment, please move
cursor to the original one, and then press [OK] or [PLAY]
button, or wait until the menu disappears automatically.

UP
DOWN
CARD/DISC
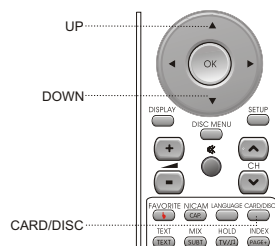
**If you want to use DVD function, please select "DVD" through the above-mentioned operation
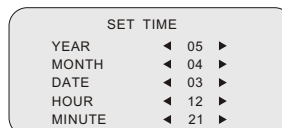steps to exit USB and card reader functions.**

TIME SETTINGS

TIME SETTING

At any display mode you press [TIMER] button, calendar will show on the screen,

```
                    CALENDAR
        2005-04-03            12:13:35
    SUN   MON   TUE   WED   THU   FRI   SAT
                                          1
     2     3     4     5     6     7     8
     9    10    11    12    13    14    15
    16    17    18    19    20    21    22
    23    24    25    26    27    28    29
    30
        SET  TIME                    ▶▶
        SET  TIMER ON                ▶▶
        SET  TIMER OFF               ▶▶
```

Item	Description
SET TIME	Press [▶ /OK] button to go to the set time sub menu.
SET TIMER ON	Press [▶ /OK] button to go to the set timer on sub menu.
SET TIMER OFF	Press [▶ /OK] button to go to the set timer off sub menu.

Use [▲/▼] button to choose which value to change and use [◄/►] button to change it. When new value is set, press [TIMER] or [OK] button to exit and the value will be saved immediately.

```
              SET  TIME
        YEAR        ◄   05  ►
        MONTH       ◄   04  ►
        DATE        ◄   03  ►
        HOUR        ◄   12  ►
        MINUTE      ◄   21  ►
```

With "TIMER ON" function, you can waken on this unit at a certain time from standby mode. You can go into "SET TIMER ON" sub menu by pressing [◄/►/OK] button when cursor pointing at "SET TIMER ON" .There are 3 items in this sub section.
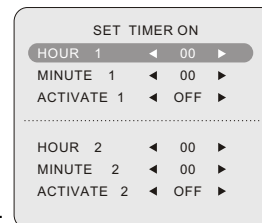
You can set two timers for power on. That means you can power on your LCD TV two times a day automatically.

You can set the hour and minute for auto power on here.

● HOUR 1 and MINUTE 1 set for the TIMER 1 for auto power on, ACTIVATE 1 can be set for activate setting for TIMER 1.

● You can choose ON/OFF and ONCE on ACTIVATE 1.
When ON is selected, timer 1 will always enable auto powering on . When you select OFF ,timer function will be disable .If you select "ONCE", timer 1 will enable auto powering on and, after it powers on automatically for the first time, the setting will go to "OFF" automatically.

```
             SET  TIMER ON
    HOUR   1      ◄    00   ►
    MINUTE  1     ◄    00   ►
    ACTIVATE  1   ◄    OFF  ►

    HOUR   2      ◄    00   ►
    MINUTE   2    ◄    00   ►
    ACTIVATE  2   ◄  OFF  ►
```

TIME SETTINGS

HOUR 2 and MINUTE 2 set for the TIMER 2 for auto power on ,ACTIVATE 2 can be set for activate setting for TIMER 2.

● You can choose ON/OFF and ONCE on ACTIVATE 2.

● When ON is selected, timer 2 will always enable auto powering on . When you select OFF ,timer function will be disable .If you select "ONCE", timer 2 will enable auto powering on and, after it powers on automatically for the first time, the setting will go to "OFF" automatically.

With "TIMER OFF" function, this unit can power off by itself at a certain time from working mode.

You can go into "SET TIMER OFF" sub menu by pressing [◄/►/OK] buttons when cursor

pointing at "SET TIMER OFF" .There are 3 items in it .

● You can set the hour and minute for auto powering on here

● And you can set the "TIMER OFF " function activate option

here. You can choose "ON/OFF" and "ONCE" here.

```
        SET  TIMER OFF
HOUR          ◄   00   ►
MINUTE        ◄   00   ►
ACTIVATE      ◄  OFF   ►
```
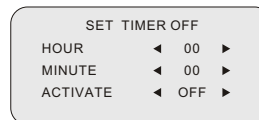
When "ON" is selected, timer will always enable auto powering off . When users select "OFF ", timer will disable powering off .

If you select "ONCE", timer will enable auto powering off and, after it powers off automatically for the first time, the setting will go to "OFF" automatically.

NOTE

● When you have set the "TIMER OFF" activated, a message will show when it is 1 minute left for powering off like: " STANDBY : 59S" . If you press [TIMER] button during this status, you can cancel the power off this time. When the number is decreased to 0, this unit will go to standby mode automatically .

● When you set the ACTIVATE ON or ONCE, and the calendar's time comes to the timer's value, power on and power off event will occur; For example: If you set the POWER ON TIMER to 9:00, ACTIVATE ON, then when time in calendar goes to 9:00, this unit will power on from standby mode automatically.

DVB OPERATION

Power on and switch signal source to DVB mode and the unit begins to work.

Press the [DVB MENU] button, the Main Menu will be displayed, in which you can set your preferences, Search for channels, edit the channels list or your favourite list , viewing Programme Guide Information, etc.

It is easy to see that the Main Menu is composed of six parts: General Setting, Advanced Setting, Auto Search, Manual Search, Channel Setting, EPG.
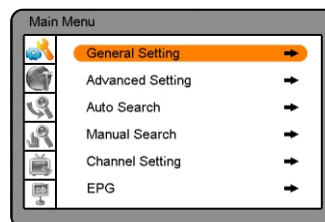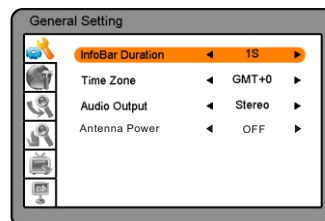
Note: Select different item using the[▲/▼]button ,and press [OK] button to enter it.

GENERAL SETTING

You can set censorship, Language, and all other items suitable for your environment.

Note: Press [OK] button to enter the following menu. Press the [DVB MENU] button to return to the previous menu or to exit the menu screen.

InfoBar Duration

When you switch channels, the infobar will be automatically displayed ,but it will hide after a few seconds. You can set the duration during which the infobar is to be displayed .

1s the infobar will automatically hide after 1 second
3s the infobar will automatically hide after 3 second
5s the infobar will automatically hide after 5 second
7s the infobar will automatically hide after 7 second
9s the infobar will automatically hide after 9 second

Note: If you press the [INFO] button to display the infobar, it will not automatically hide.You should press the [INFO] button again to hide it.

Time zone

To choose you time zone, it is set depending on your country.
The current time is set automatically whenever **GMT** Offset changes.

Note: It may have been setup in **Installation Wizard** step1 When you powered on the receiver for the first time after purchasing.

Audio Output

You can set the Audio output, select one option form **Stereo / Left /Right/Mono.**

Antenna Power

Choose **ON** ,if you have an active ANTENNA but without an external DC supply. In this case, the ANTENNA will be powered by the receiver.

DVB OPERATION

Choose **OFF** to shut off the Antenna power ,if you have a passive or a self powered active ANTENNA .

Warning: You should never shortcut the antenna jack, it may cause injury or damage some unit.
The receiver is only able to supply **DC 5V/50mA(MAX)**, never connect heavy load to the receiver, it may cause damage.

ADVANCED SETTING

You can set parental control for each programme . You can also change your password.
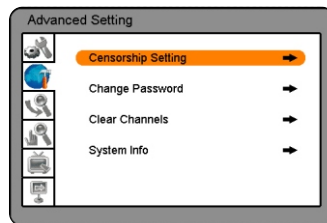
Note: When a prompting message is displayed to request your password, enter the password using the **Number**(0-9)button, then press [OK] button to enter.

Censorship setting

Censorship Classification allows you to block programmes according to the age level you have set.

View All All programmes can be watched because there is no age limitation.
 7   Programmes are blocked for children under the age of 7.
 10   Programmes are blocked for children under the age of 10.
 14   Programmes are blocked for children under the age of 14
 16   Programmes are blocked for children under the age of 16.
 18   Programmes are blocked for children under the age of 18.

Note: You have to enter Password to watch the programme which is blocked by the age level.
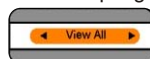
Change Password

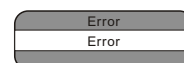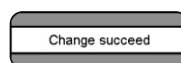Press the[▶] or [OK] button to changed password.

New Password

Enter **New Password** using the **NUMBER**(0-9)button.

Enter Again

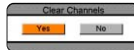Enter the **New Password** again to confirm the **Verify Password**.

DVB OPERATION

Note: The Default Password is **"000000"**. If you have forgotten your Password, please contact your local product distributor.
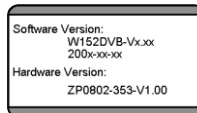
Clear Channels

If you just want to delete the Channel List, select the **Clear Channels** item.

1. Select the **Clear Channels** item using the[▶] or press [**OK**] button.

2. A prompting message will be displayed to request your confirm, select **YES** and press the [OK] button to confirm.

3. Select **NO** or press the [DVB MENU] button to return if you want to abort.

System Info

You can select to view all system information.

AUTO SEARCH

If your receiver is connected to the aerial and television, you can automatically search channels without entering any other information.

Select the **Auto Search** item using the[▶] or press [**OK**] button to start searching. The searching result will be displayed in the **Search Result** window.
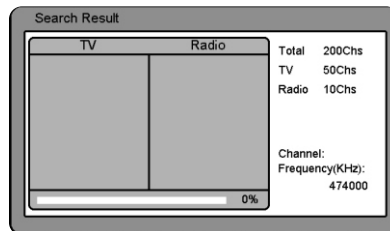
Wait while the receiver searches for the channels, this may take a few minutes.

Note: If you press the [DVB MENU] button during searching, the operation is stopped and the channels found until then will be saved.
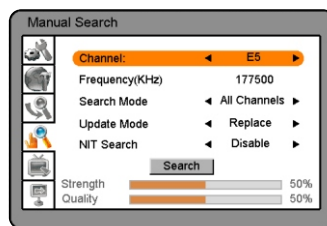
If search operation is successfully completed, and the channel does not exist, try to reset the search operation again if necessary.

Warning: Once you press [OK] button to start auto search operation, all the saved channels will be cleared.

DVB OPERATION

MANUAL SEARCH

You can search channels manually by searching parameters.

Note: Select different item using the[▲/▼]button, Press the[◄/►]button to do your setting.

Press the [DVB MENU] button to save the changes and return to the previous menu.

Channel

Select your desired frequency channel to search using the [◄/►] button. When entering frequency channel value, the appropriate frequency value is entered.

Frequency

Enter the your desired frequency to search directly by using the number(0~9) button.

Search Mode

Switch the Search Mode between **All Channels** and **Free Channels**.

All Channels   When search operation is successfully completed ,all the channels found
will be saved.

Free Channels When search operation is successfully completed ,only the free channels
will be saved.

Update Mode

Switch the Search Mode between **Replace** and **Append**.

Replace   Before start searching new channels, all the saved channels will be cleared first.
**Append**   The saved channels will not be deleted .

NIT Search

If specified frequency channel information and other channel information are provided together
the channel which belongs to other frequency channel, is also searched.

Select either **Enable** or **Disable** the NIT Search.

DVB OPERATION

After finishing all the setting above ,select the **Search** item to start searching.
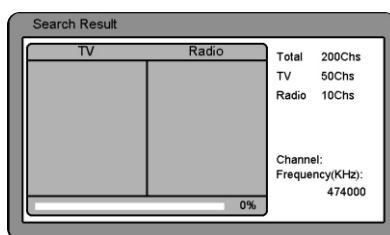
The searching result will be displayed in the **Search Result** window.

Note: If you press the [DVB MENU] button during searching, the operation is stopped and the channels found until then will be saved.

If search operation is successfully completed, and the channel does not exist, try to reset the search operation again if necessary.

CHANNEL SETTING

This chapter describes how to edit channels.
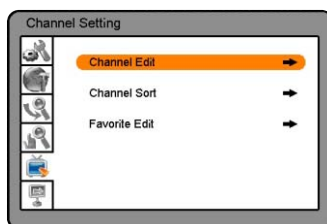
Note: Press [▶] or [OK] button to enter the following menu. Press the [DVB MENU] button to return to the previous menu.

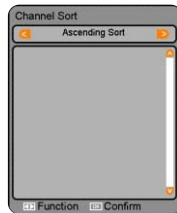### *Channel Edit*

You can edit all channels in the Channel list.

Note: Select the different edit modes(delete and move) using the the [◀/▶] button.

DVB OPERATION

Channel Sort

You can sort all TV or Radio channel lists by channel ,name or free/scrambled.

Note: Select the different sort ways using the [◀/▶]button, then press [OK] button to confirm.

Ascending Sort   Channel lists are sorted by channel name from **A** to **Z**.

Descending Sort   Channel lists are sorted by channel name from **Z** to **A**.

Free First   Free channels will be placed on the top of the list.

Scrambled First   Scrambled channels will be placed on the top of the list.

Favourite Edit

You can edit Favourite channel .

Press [OK] button select you favourite channel ,and press [OK] button to set the you
selected channel as favourite channel .

EPG

The Programme Guide displays programme
information about each channel, based on
the date and time.

You can press [▲/▼] button to switch the channel,
and press [◀/▶] button to view the current day
or the next day programs and information,
if there is the current day and the next day
program and information.

― 47 ―
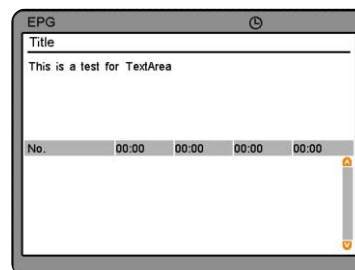
TROUBLESHOOTING

Please check for causes of problems in accordance with the following chart before contacting any maintenance personnel.

DISPLAY TROUBLESHOOTING

Symptom	Causes and Correction
Black screen, power indicator light off	◆ Check whether power cord is well connected, and whether this unit is power on
	◆ Check whether the signal cord of input device is well connected ◆ Check whether input device is power on
Image display flicker, unstable	◆ Check whether the input device signal is in this unit's specification
	◆ Check computer output mode: control panel-display-setup ◆ If the setup does not accord with this unit's specification, please change the display setup
	◆ Hor scanning frequency: 30kHz~75kHz ◆ Ver scanning frequency: 50 Hz~75Hz ◆ Max display mode: 15":1024X768@75 Hz

SOUND AND TV TROUBLESHOOTING

Symptom	Causes and Correction
Cannot power on	◆ Please make sure the well connecting of power cord
No sound	◆ Please make sure the well connecting of audio cord
	◆ Check volume
	◆ Make sure there is nothing plugged in the headphone jack
Volume too low	◆ Check volume
	◆ If volume is still too low when adjusting volume to maximum, please check whether the input device is well set
Snowy picture	◆ Input antenna damaged or not well connected
Remote control failure	◆ Check whether remote control battery used up ◆ Whether battery installation is correct ◆ Whether obstacles exists between remote control and the unit's receiving window ◆ Check whether receiving window has strong light

TROUBLESHOOTING

DVD TROUBLESHOOTING

Symptom	Causes	Correction
Not play	1. Condensation on laser head 2. Disc not properly loaded 3. Disc not compatible with the unit	1. Switch on power and wait for 1 to 2 hours 2. Make sure label side of the disc facing up 3. Confirm whether this unit compatible with the placed disc
Sound distortion	1. Too large volume of connected device 2. Sound field mode not suitable for disc	1. Adjust the device volume 2. Adjust appropriate sound field
No sound	1. Disc warped or dirty 2. The unit in mute state	1. Clean the disc 2. Press MUTE button to cancel it.
No image	1. TV not set for proper system	1. Reset AV/TV state of TV
No color	1. TV system not right 2. TV color not well adjusted	1. Try to change the color system 2. Reset the TV color
No disc reading	1. Disc warped or dirty 2. Disc not correctly placed 3. Condensation on laser head	1. Clean the disc 2. Reload a disc with label side facing up 3. Witch on power, unload disc and leave it for about 1 hour
Temporary function failure	1. Mal-fabricated disc used 2. Wrong buttons pressed 3. Static leakage into the unit from outside	1. Wait for 5 to 10 seconds to restore to normality automatically 2. Operate again 3. Power off for 1 to 2 minutes to power on again
No subtitle	1. No subtitle made in disc 2. The unit subtitle is turned off	1. Disc problem 2. Press SUBT button to select it
Image rolling	1. System setup not suitable for disc	1. Adjust system mode

● If the above methods still cannot solve the problems or the troubles are special, please

contact the local maintenance personnel.

SPECIFICATIONS

◆ LCD screen	Size	15.0″ (diagonal)
	Display proportion	304.1 mm(H)X228.0 mm(V)
	Type	TFT color
	Pixel distance	0.297 mm(H)X0.297mm(V)
	View angle	80(L)/80(R)/80(T)/55(B)
◆ Frequency	Hor scanning frequency	30 kHz~75 kHz
	Ver scanning frequency	50 Hz~75 Hz
	Display color	16.7M（color）
◆ Display mode	Recommended mode	
	Max mode	1024X768@75 Hz
Panel Life	Hours	50,000
Input signal	Synchronous signal	H/V separation, TTL positive/negative; H/V composite, TTL positive/negative Green synchronous, 0.3Vₚₚ,negative
	Video signal	0.7 Vₚ p@75ohm
TV/Video	Image system	PAL/SECAM/NTSC(In video mode)
	Audio system	DK/I/BG/L
	Video form	CVBS、S-VHS, RGB, YPbPr, VGA
Power Supply	Adapter input	~ 100V-240V (50 /60 Hz)
	Adapter output	꞊ 12V/4.5A
Unit/net weight（LXWXH）		438.7mmX163.1mmX295.7mm/7.0kg
Environmental factor	Working temperature	5℃ ~ 35℃
	Working humidity	10%~80%
	Storing temperature	-20℃~ 45 ℃
	Storing humidity	5%~95%
Audio parameter	Audio input	Φ3.5 jack(L,R), 0.5±0.3 Vrms
	Frequency response	TV signal: 100 Hz~12 kHz(-3dB) AV: 100 Hz~15 kHz (-3dB)
DVD	Disc type	DVD VIDEO MPEG4 *; SVCD ** VCD1.0, 1.1, 2.0 version; CD-DA
	Output	Analog audio output, coaxial digital audio Output, composite video output
DVB	Input connector	IEC-Type, IEC 169-2, Female
	RF Loop through output connector	IEC-Type, IEC 169-2, Male (loop throughout)
	Frequency range (VHF/UHF)	174MHz~858MHz
	Channel range(VHF/UHF)	7 & 8 Mhz

Hint: the items with "❖" symbol are related to LCD screen. Specifications and design are subject o change without notice.

* Some discs labelled with MPEG 4 on the market actually are * .rm/* .ram/* .rmm and others which are not compatible. Please take care when buying discs.

** This unit cannot play some SVCD discs with VCD format.

● Because of disc quality and format difference, we cannot make sure smoothly read all discs; some functions cannot be fulfilled for the disc speciality, but not machine trouble.

● As for weight and size, please take actual object as standard.

DISPLAY MODE

SUPPORTED PC INPUT MODE				
Resolution	Hor scanning frequency (KHz)	Ver scanning frequency (Hz)	Pixel frequency (MHz)	Format
640×350	31.5	70.0	25.17	DOS
720×400	31.5	70.0	28.32	DOS
640×480	31.5	60.0	25.18	DOS
640×480	37.9	72.0	31.50	VESA
640×480	37.5	75.0	31.50	VESA
800×600	35.1	56.2	36.00	VESA
800×600	37.9	60.0	40.00	VESA
800×600	48.1	72.0	50.00	VESA
800×600	46.9	75.0	49.50	VESA
1024×768	48.4	60.0	65.00	VESA
1024×768	56.5	70.11	75.00	VESA
1024×768	60.0	75.0	78.75	VESA

NOTES

● This product does not support the display mode not listed above. In order to achieve the best display effect, please select the above-listed 12 display modes input signal.

● Because of the difference of display card output signal (especially non-standard signal output), the display image may appear little disturbance which can be adjusted through " AUTO CONFIG " in the "PICTURE" menu by users.

● To prolong this unit's service life, you are suggested to use power management function of computer.
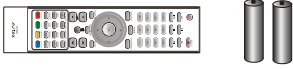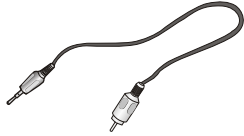
DISPLAY MODE
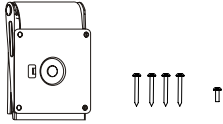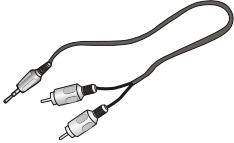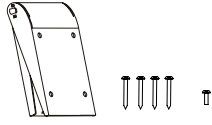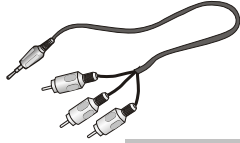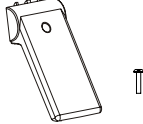
SUPPORTED VIDEO INPUT MODE			
Format	Hor scanning frequency	Ver scanning frequency	Vert scan type
720X480	31.47	59.94	480P
720X480	15.734	59.94	480i
720X576	31.25	50	576P
720X576	15.625	50	576i

NOTE

Specifications and design are subject to change without notice.

ACCESSORIES

Please check the following accessories.

Operational Manual **User manual**	**Remote control and battery**
Coaxial digital audio cord	**Power adaptor**
Wall Mount Holder Kit AK556 (optional)	**Audio cord**
Wall Mount Holder Kit AK558 (optional)	**AV cord**
Kickstand Kit	

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