S9020DVD

DishTV DVB S DVD
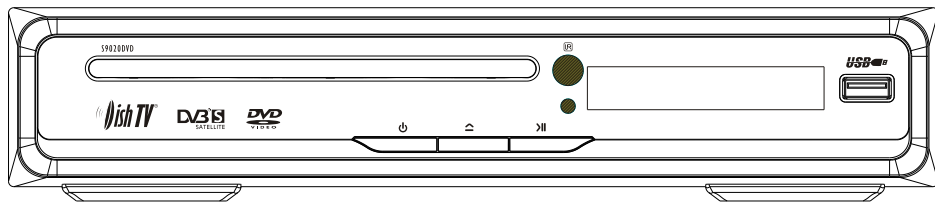
S9020DVD

Please read this User Manual carefully to ensure proper use of this product and keep this manual for future reference.

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings, install in accordance with the instructions.
8) Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protected the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Unplug this apparatus during lighting storms or when unused for long periods of time.
13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14) Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
15) The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains, etc.
16) No naked flame sources, such as lighted candles, should be placed on the apparatus.
17) Attention should be drawn to the environmental aspects of battery disposal.
18) The use of apparatus in moderate climate.
WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
WARNING: The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
Caution: When the apparatus was in electrostatic circumstance, it may be malfunction and need to reset by user.
Warning: The USB memory stick should be plugged in the unit directly. USB extension cable should not be used to avoid failing of data transferring and interference caused.

The symbol indicates that dangerous voltages constituting a risk of electric shock are present within this unit.

The symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

The symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.

Table of Contents

1. Front panel

1.STANDBY: Press this button to switch between normal mode and standby mode.
2.OPEN/ CLOSE BUTTON: Used to open or close the disc tray in DVD mode.
3. PLAY/PAUSE: Used to pause or playback the program being viewed .
4. CABIN DOOR: In DVD mode.
5. REMOTE CONTROL SENSOR: Used to receive the signal from the remote control.
6.STANDBY INDICATOR LIGHT: Used to visually show power state of the set top box, the red will show if turned on the set top box power on.
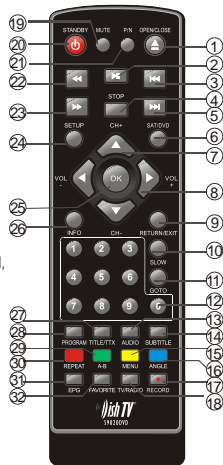**7. USB JACK:** Used to connect to an external USB 2.0 device.

2. Rear Panel
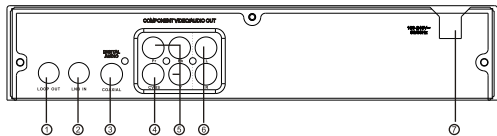
1.LOOP OUT: This socket will bypass the RF signal to either your TV or another video system.

2.LNB IN : Used to connect the LNB to receive the signal.

3.COAXIAL: This socket connects to a coaxial socket on your surround sound system.
4.CVBS: This socket outputs composite video signal.
5.Y/Pb/Pr: These sockets connect to your TV component input terminals.
6.L/R: This socket outputs analog audio L/R signal.
7.MAINS CABLE: This is used to connect to your main power supply.

Remote Key Function:
1. OPEN/CLOSE: In DVD mode, press <OPEN/CLOSE> to immediately eject or close the disc tray. NOTE: The <OPEN/CLOSE> button has no effect in DVB mode.
2. PLAY/PAUSE: Used to pause or playback the program being viewed .
3. REV: Press <REV> to enter Fast-Reverse playback.
4. STOP: Press <STOP> button to during playback.
5. FWD: Press<FWD>to enter fast forward playback.
6. SAT/DVD: Press the<SOURCE> button to switch between DVD mode and DVBS mode.
7. CH+/CH-: In the DVB mode, Pressing <UP>/ <DOWN> button will go the next/ previous channel, in the list of all channels.
8. VOL+/VOL-: Used to move around the menu screens or changing the volume in normal play mode.
9. RETURN/EXIT : In DVD mode, press <RETURN> button to return the root menu of the disc. In the DVB mode, press <Return> button to switch the last two viewed channels; Used to exit the setup menu.
10. SLOW: Press <SLOW > button to enter slow playback,
11. GOTO: During DVD playback, press <GOTO> to show the current time counter position.

12. NUMBER KEYS: Used to select channel numbers or input numbers in menus.
13. AUDIO: Used to select the available audio languages or set the sound mode.
14. SUBTITLE: Used to switch among different subtitles that are broadcasted.
15. MENU/Yellow: In DVD mode, press menu to the program menu. In DVB mode the color key used to operate different functions in Text screen or other menu.
16. ANGLE/Blue : In DVD mode, pressing <ANGLE> will change the view angle, on DVD that support this feature. NOTE: In the DVD mode ,This <ANGLE> button has effect in the special DVD disc. In DVB mode the color key used to operate different functions in Text screen or other menu.

Remote Controller

17. RECORD: Used to record the program manually, and select the record duration if pressed it again.

18. TV/RADIO: Used to switch between TV channels and Radio stations.

19. MUTE: Used to turn the sound on or off.

20. STANDBY: Press the <STANDBY> button to switch between normal mode and standby mode.

21. P/N: Press the <P/N> button to switch between PAL and NTSC TV output formats. Formats are NTSC ,PAL, and AUTO.

22. PREV: Used to skip to previous chapter or track

23. NEXT: Used to skip to the next chapter or track.

24. SETUP: Pressing <SETUP> button will enter the setup main menu.

25. OK: Used to confirm a selection within a menu.

26. INFO: Used to display information about the current start.

27. TITLE/TTX: Used to open teletext OSD display if teletext available in the broadcasted stream.

28. PROGRAM: In the DVD mode Press the <PROGRAM> button to display the PROGRAM options. In DVB mode press the <Program> button to enter the Rec list Menu.

29. A-B/Green: Press <A-B> once to set the starting point for repeat segment. Press it again to set an end point, and the player will repeat the segment from the start to end point. Press it once more to turn off repeat segment. In DVB mode the color key used to operate different functions in Text screen or other menu.

30. REPEAT/Red: Press <REPEAT> to select repeat mode. Press multiple times to cycle between Title Repeat, Chapter Repeat, and Repeat Off. In DVB mode the color key used to operate different functions in Text screen or other menu.

31. EPG: Used to display information about the program being viewed and what's on next.

32. FAVORITE: Used to access your favorite channels.

Connections

Caution: Make sure to check the voltage specification of the wall outlet is the same rating with the receiver. To prevent the risk of electric shock, do not open the cover or the back of the receiver.

Note: When connecting the receiver to other equipment, e.g.,TV, VCR and amplifier, make sure to refer to relevant user manual for instruction. Also, make sure you disconnect all the equipments from the mains supply before the connection.

2

1.Quick Installation

1.1 Setting Language
User can select preferred language at Setup Installation General Setting page.
(1) Press <Menu> button to enter **Main Menu**.
(2) Press <Left/Right> button to select **SETUP** option.
(3) Press <Up/Down> button to select **Installation** option.
(4) Press <Up/Down> button to select **General Setting** option.
(5) Press <OK> button to enter **General Setting** page.
(6) Press <Up/Down> button to select the language option.
(7) Press <Left/Right> button to set a language.

1.2 How to receive the programs?
Scan the satellites to receive the programs.
1.2.1 Satellite configuration
Satellite configuration and manager is in Main Menu->Setup->Installation->MYDISH menu.
Firstly, select the proper swither according to the swither you have, as Figure 1.For sample switcher, each branch is connected with a satellite, user can configuration it as Figure 2.
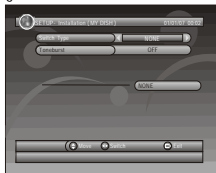

Figure 1.Satellite Installation   Figure 2.Add Satellite

For DiSEqC1.2 motor,user can set limit position, user location and LNB of it, as,then user can adjust and store max 32 position for different satellites, as Figure 3, Figure 4.

Figure 3. DiSEqC1.2 Setting   Figure 4. DiSEqC1.2 Motor Limitation

Switch Type: select DiSEqC1.0/1.2 switcher or DiSEqC1.2 motor, or select none if you don't have any DiSEqC device.
Toneburst: enable or disable toneburst switcher.
Move down to the satellite selection area, and press OK key to add the proper satellite, as Figure 2.
LNB Type: select the LNB type according to your dish.
LNB Low Freq: set the low frequency of LNB.
LNB High Freq: set the high frequency of LNB if it is universal.
Then user can press BLUE key to scan the focus satellite or RED key to scan multi-satellites, as Figure 5.
Scan Mode: select Blind-Quick or Blind-Detail for blind scan, or Default to scan the default transponder list.
Programme: select to receive all programs or only free programs.

Figure 5. Scan Mode

1.2.2 Transponder configuration and scan
If there exist satellite in the database, then user can edit and scan transponder in the menu Main Menu->Setup Installation->TP MANAGER, as Figure6.
Press <Left/Right> button to select satellite;
Press <Up/Down> button to select transponder.
Press <OK/Up/Down/Left/Right/0~9>, user can edit Frequency, SymbolRate or Polarity of the transponder.
Press <BLUE> button to scan the focused transponder.

Figure 6. Scan for Transponder

2.Menu Operations

Once the channel scan is finished and all the channels are stored into the database, you can use it towatch the digital TV channel or listen to the radio broadcast, some typical operations are given in this chapter.

2.1 Main Menu

Main Menu for operating a lot of functions.

(1) Press <Menu> button to enter **Main Menu**.

(2) Press <Info> button to display the version information of STB.

2.2 SETUP

Set the system settings of STB.

2.2.1 Installation

Installation menu include **General Setting**, **MY DISH** and **TP MANAGER**.

2.2.1.1 General Setting

Set the receiving and playing program settings of STB, as Figure 7.

2.2.1.2 OSD Language

Set the On Screen Display Language.

2.2.1.3 Audio Language

Set the audio language for watching program.

2.2.1.4 Subtitle Language

Set the language for displaying subtitle.

2.2.1.5 Auto TimeZone / Time Zone

Allow you to enable or disable auto timezone offset update.

If you know the GMT(Greenwich Mean Time) time zone offset of your location, set the **Auto Time Zone** to **OFF** and select an appropriate **Time Zone**, otherwise set it to **ON** and let the system update the timezone automatically according to the transport stream.

2.2.2 TV Setup

Setup the display mode for TV.See Figure 8.

2.2.2.1 TV Format

Set display format for watching program, such as **4:3LB, 4:3PS, 16:9PB,16:9AUTO.**

4:3LB(LetterBox): Typically for wide screen content displays on conventional 4:3 TV with black bars above and below the picture.

Figure 7. General Setting

Figure 8. TV Setup

4:3PS(PanScan): Typically for wide screen content displays on conventional 4:3 TV with left and right edges cropped.

16:9PB(PillarBox)/16:9 AUTO: Typically for wide screen 16:9 TV.

2.2.2.2 TV Mode

Set PAL, NTSC or AUTO for display. AUTO will switch PAL or NTSC by program content. This setting should be matched with user's TV.

2.2.2.3 OSD Transparency

Set the On Screen Display transparency. 1 is the most transparent.

2.2.2.4 Banner Display Time

Set Banner displays time. Banner doesn't disappear when set as "Always" and disappears at timeout when set as other values.

2.2.2.5 Video Output

Set the video output mode to TV.

2.2.3 Password

Set password for menu lock or channel lock or censorship lock. And the user can change password here, the default PIN Code is **6666**.

2.2.3.1 Menu Lock

Lock the menus by password.

2.2.3.2 Channel Lock

Lock the channel which has been set to lock status when turning on the **Channel Lock**. Please see section **2.3.1.2** for details.

2.2.3.3 Censorship Lock

Lock the program by password and censorship threshold. The censorship info is in program content. Under the censorship rating, user has to enter the right password for watching program.

2.2.3.4 Change Password

To change the PIN code, select this option, press <Left/Right> button to trigger changing password and <0~9> buttons to enter old password, new password and confirm new password. If succeed, the **PIN Code Changed** message will be displayed, otherwise the **PIN Code Error** message will be displayed.

2.2.4 Advance Timer

User can set timer for watching the program by date and time manually or from the **TV/Radio Guide**(see section **2.3.2**). When setting date and start time is arrived, STB will automatically switch to the wanted program. Press any key except <Vol-/Vol+/Mute> button, STB asks user to abort it or notwhen watching booked program. User can delete the event while it isn't at running.

2.2.5 Set Default
Restore STB to factory default. All settings did by user will be restored to factory default values and the database will be erased together.

2.3 TV/RADIO
There are two types of program: TV and Radio. The operation of the **List** and **Guide** of TV and Radio are almost the same. Here in take TV as example.

2.3.1 List
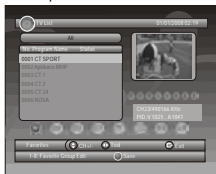User can operate some functions in **List**. See Figure 9.

Figure 9. TV List

Figure 10. Guide - Event

2.3.1.1 Favorites
User can quickly channel up/down the favorite programs by favorite filter. There are 8 groups of favorite for user setting: News, Sport, Movie, Music, Shopping, Travel, Boy and Girl. Press <1~8> button to set or clear the favorite group when **Favorites** option selected.

2.3.1.2 Lock
Lock will ask password before watching this program when **SETUP -> Password -> Channel Lock** is turned on. Please see section **2.2.3.2** for details. Press <OK> button to set or clear lock status when **Lock** option selected.

2.3.1.3 Edit
User can edit the program name, maximum length is 20 characters.
(1) Press <Left/Right> button to select **Edit** option and <Up/Down> button to select the program.
(2) Press <OK> button to display program info and press it again to edit program name.
(3) Press <Up/Down/Left/Right/0~9/RED/GREEN> button to select the character.
(4) Press <OK> button to finish the editing and return to previous program info page.
(5) Press <RED> button to save the editing and return to **List** or press <Exit> button to return to **List** without saving.

2.3.1.4 Move
Move will allow you move the position of the channels in the list.
Note: This option will not appears in this list when **SETUP->Installation->LCN** is set to ON.

2.3.1.5 Sort
Sort will allow you sort the channels by **A<->Z** or **Pay<->Free**.
Note: This option will not appears in this list when **SETUP->Installation->LCN** is set to ON.

2.3.1.6 Skip
Skip will skip the program when changing program by CH+/-. Press <OK> button to set or clear skip status when **Skip** option selected.

2.3.1.7 Delete
Delete will delete the program permanently from database. User must rescan to recover it. Press <OK/GREEN> button to set delete one or delete all when **Delete** option selected.

2.3.1.8 Search
User can search the program name by partial keyword.
(1) Press <Left/Right> button to select **Search** option.
(2) Press <OK> button to entry search page.
(3) Press <Up/Down/Left/Right/OK/0~9/RED/GREEN> button to input keyword.
(4) Press <OK> button to Search and return **List**. The matched program will be focused.
(5) Press <GREEN/YELLOW> button to the next or previous matched program.

2.3.2 Guide
Guide is also naming EPG (Electronic Program Guide). See Figure 10.
(1) Press <Up/Down> button to select program or EPG event.
(2) Press <Left/Right> button to change event or date.
(3) Press <OK> button to exit all the menus or show the detail information of selected event.
(4) Press <Exit> button to exit to previous menu.
(5) Press <RED> button to enter **Book** page and <YELLOW> button to save after edited. If it conflict with itself or other event, a conflict message will be displayed. The successful booking will be added to **Main Menu-> SETUP->Advance Timer** (see section **2.2.4**).

2.4 MULTIMEDIA
Multimedia must be used with external USB device inserted, otherwise the "Device is not ready!" message will be displayed, remove device when playing photo or MP3/WMA, the "Device is removed!" message will be displayed and return to **Main Menu**.
Note:
Please don't plug out USB device when it is in working status, such as playing picture/music/movie, and PVR recording/timeshift/playback. Please make sure that USB device is not being used before remove it.

2.4.1 My Album
My Album can display JPG/BMP/GIF photos and operate it. If there are photos in device root folder, it will start at **Thumbnail** mode, otherwise it will start at **Folder** mode. Press <BLUE> button can switch to **Folder** mode and <Exit> button to **Thumbnail** mode again.

2.4.1.1 Thumbnail/Folder
The info (Width X Height and Date) of selected photo will be displayed at the left bottom in **Thumbnail** mode and right up in **Folder** mode. See Figure11.

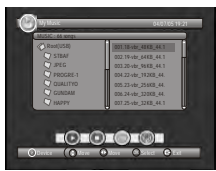Figure 11. MyAlbum - Thumbnail

Figure 12. My Music - Browser

Press <Up/Down/Left/Right/OK> button to browse folders or files.
Press <OK> button to view the selected photo and press again to start slideshow.
Press <Info> button to see the help information when view or slide show.

2.4.1.2 Zoom
Press <RED> button to zoom in or zoom out the photo in view mode.
The zoom factor can be 25%, 50%, 100%, 150%,2 00%. If zoom factor greater than 100%, press <Up/Down/Left/Right> button can move around the photo.

2.4.1.3 Rotation
Press <Left/Right> button to rotate left or right and <YELLOW/BLUE> button to flip horizontal or vertical in view mode. After rotating or flipping the photo and return **Thumbnail** mode, the effect will be keeped.

2.4.1.4 Slide Show
Press <OK> button to view the photo from **Thumbnail** or **Folder** mode and press it again to start the slide show.
Press <RED> button to play or pause the slide show.
Press <GREEN> button to set music playing at background when slide show.
Press <YELLOW> button to set repeating or once.
Press <BLUE> button to set the time interval between current and next photo.
Press <Up/Down> button to next or previous photo right away.

2.4.2 My Music
My Music can play most of MP3/WMA files. It displays progress bar, audio spectrum, current playing time and total time while playing. See Figure 12.
Press <Info> button to select device if an external USB hub connected.
Press <Up/Down/Left/Right/OK> button to browse folders and files.
Press <OK> button to start play.
Press <RED> button to play or pause.
Press <GREEN> button to stop.
Press <YELLOW> button to set play mode as Repeat All, Repeating, Random, repeat Off.
Press <BLUE> button to set fast forward speed as x2,x3,x4,Normal.
Press <Left/Right/Mute> button to adjust volume while playing.

2.4.3 My Movie
My Movie can play most of MPEG2/4 files. It displays the played file name at the top left corner , and use the info key to get the current playing time and total time information while playing.
Press <Info> button to select device if an external USB hub connected while browsing, and to show the control info bar while playing.
Press <Up/Down/Left/Right/OK> to select folders and files during browsing, and to switch next/previous file or adjust the volume while playing.
Press <OK> button to select a file to play.
Press <RED> button to play or pause while playing.
Press <GREEN> button to play the frame one by one while playing.
Press <YELLOW> button to set fast backward speed as x2, x4, x8, x16, x32, Normal.
Press <BLUE> button to set fast forward speed as x2, x4, x8, x16, x32, Normal.

2.4.4 My Record
My Record make user can view the program that has been recorded, or configure the options for recording. Please notice that the File System supported is FAT and FAT32.
In **Recorded List** menu, user can view or delete the recorded program. In **Recording Device** menu, user can select different storage media or different partition in one storage media for recording. In **Recording Preference** menu, user can change the mode of **Time Shift**, **One Button Recording,** and the length of default recording period. Please notice that **Time Shift Size** is calculated automatically according to the current storage media or current partition, it can't be modified.

Time Shift:
Auto: this option will start Time Shift recording automatically for program being viewed.
Pause: this option will start Time Shift recording only after PAUSE key is pressed by user.
OFF: this option will disable Time Shift recording.

One Button Recording:
ON: this option will start recording the program being viewed directly after RECORD key is pressed. OFF: this option will enable user to pre-set the length of recording after RECORD key is pressed.
Press <Up/Down/Left/Right> for navigation in the menu.
Press <OK> to select or modification confirm.
Press <EXIT> to exit the current menu.
Press <RED/GREEN/YELLOW/BLUE> for special function indicated in the menu.

Note:
For usility of TIMESHIFT/RECORDING/PLAYBACK function, USB2.0 storage device is needed basicly. We strongly recommend user to use USB2.0 HDD, and use independent partition for PVR. Before using the partition, please format the partition through the set-top-box.

FORMAT operation will delete all the files in the disk or the current partition, so please backup the files before FORMAT operation.

Figure13. My Record

Figure14. Recorded List

2.5 ACCESSORY
There are three options: **Gomoku, Calendar, Calculator**.
Gomoku
　Press <Up/Down/Left/Right> button to set play mode and difficulty.
　Press <OK> button to start play Gomoku.
　Press <Up/Down/Left/Right> button to select the position.
　Press <OK> button to place the piece.
Calendar displays the year, month, and date.
Calculator can used for mathematical calculations.

3.Normal Play

Normal Play means STB under watching TV or listening to the Radio. See Figure15.

Figure15. Normal Play -Radio

Figure 16. Program Info

3.1 Information
Press <Info> button once to display info banner. Banner displays the program No., favorite setting, current time, program name, now and next event, lock, scramble, subtitle and teletext info.
Press <Info> button when banner exist to display detail info of now event.
Press <Info> button when detail exist to display current program info. See Figure 16.

3.2 Switch Program
User can switch program by CH+/- or input program number directly.
If the input program number doesn't exist, STB will ignore the input. Or press <Recall> button to switch to last watching program from current watching program.

3.3 Volume
Press <Vol-/Vol+> button to adjust the volume.
Press <Mute> button to mute.
If adjust the volume while mute, mute will be canceled.

3.4 Program List
Press <OK> button to display **Program List** with No., name and lock/scramble/skip status.
Press <Up/Down/Left/Right> to switch the program.
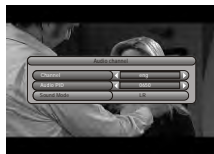Press <OK/Exit> to return normal play mode.

Figure 17. Audio Channel

Figure 18. Teletext Setting Page

3.5 Audio
Switch the sound channel and switch sound mode to LR(stereo) or LL(left) or RR(right).
If setting audio language at **SETUP->Installation->Audio Language**, the audio channel default language will be chosen by setting. See Figure 17. Press <Audio> button to display the audio channel page. Press <Up/Down> button to select Channel/Audio PID or SoundMode option. Press <Left/Right> button to set the value.

3.6 Pause
Pause video and audio. But it will be canceled by any input.

3.7 Favorites
User can switch the favorite programs in the same favorite group. About favorites setting, see section **2.3.1.1** for details.
Press <YELLOW> button to switch the favorite group in Program list.
Press <CH +/-> button onto switch the same favorite program in normal play mode.

3.8 Teletext
Display teletext on screen, the style of teletext may be different by content provider. See Figure 18.
Press <Text> button to display the teletext setting page.
Press <Up/Down> button to select the teletext language if the program has teletext.
Press <OK/Exit> button to exit the teletext setting page.
Press <0~9/Up/Down/Left/Right> button to change teletext page if teletext exists.

3.9 Subtitle

Display the subtitle onscreen, the style of subtitle may be different by content provider. See Figure 19.

Press <Subtitle> button to display subtitle setting page.

Press <Up/Down> button to select subtitle language, if the program has subtitle.

Press <OK/Exit> button to exit subtitle setting page.

Figure 19. Subtitle Setting Page

3.10 Teletext Subtitle

Display subtitle by teletext, the style of the teletext subtitle may be different by content provider.

Press <Text/Subtitle> button to display teletext or subtitle setting page.

Press <Left/Right> button to select "TTX Subtitle".

Press <Up/Down> button to select teletext subtitle language.

Press <OK/Exit> button to exit the setting page.

3.11 Guide

Press <GUIDE> button at normal play state, see section **2.3.2** for details.

3.12 List

Press <GREEN> button at normal play state, see section **2.3.1** for details.

3.13 Message

There are some messages to inform user the current status of the STB.

3.13.1 No Signal

STB can't get signal, for example, cable is disconnected.

3.13.2 No Service

Program doesn't have any content to play.

3.13.3 Service Scrambled

Program is scrambled for payment, you need contact with the content provider to know how to descramble it.

3.13.4 HDTV Not Support

If the program content is HDTV format, this STB doesn't support it.

3.13.5 Channel Locked

Program is locked by setting lock (see section **2.3.1.2**) and turning on channel lock in password setting (see section **2.2.3.2**). User must input correct password to watch program.

User Interface of DVD Playback

1. THE SETUP MENU SYSTEM

1.1 Main menu of the setup menu.

(**1**). Press **[STOP]** when playing disc, then you press the **[SETUP]** button, the main setup menu appears.

(**2**). Press **[Up/Down]** and **[ENTER]** button to select the submenu of the setup menu.

(**3**). Press **[SETUP]** button to exit setup menu.

1.2 Language Setup Menu

The language setup options are illustrated below:

(1) OSD LANGUAGE

Press **[up/down]** button to Highlight the **OSD** option, and press **[left/right]** button change the OSD language you prefer.

(2) MENU

Press **[up/down]** button to highlight the **MENU** option, and press **[left/right]** buttons to change the menu language you prefer. If the disc you are playing has that language available. It will display the menu in that language.

Notes: If your preferred language is not available, the disc's default language will be played.
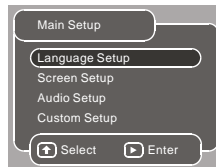
(3) AUDIO

Press **[up/down]** button to Highlight the **AUDIO** option, and press **[left/right]** buttons to change the audio language you prefer. If the disc you are playing has that language available, it will output that language.

(4) SUBTITLE

Press **[up/down]** button to Highlight the **SUBTITLE** option, and press **[left/right]** buttons to change the subtitle language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will display subtitles in that language.

(5) ENCODING

Press **[up/down]** button to Highlight the **ENCODING** option, and press **[left/right]** buttons to change the supported subtitle language when playing MPEG4 format discs.

1.3 SCREEN SETUP MENU

The system setup options are illustrated below:

(1) TV TYPE

According to the TVsype, you can choose
4:3PS, 4:3LB or 16:9

(2) TV SYSTEM

According to the ColorSystem of the TV, you
can choose the TVSystem.
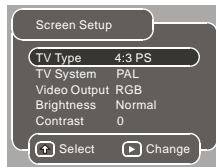
(3) VIDEO OUTPUT

According to the outputjack of TV set,you can
choose CVBS, RGB.

(4) BRIGHTNESS

According to the Brightness,you can choose Normal,Bright or soft .

(5) CONTRAST

Use the **[Up /Down]** arrow buttons to movethe scroll and adjustthe contrast.

| Screen Setup	
TV Type	4:3 PS
TV System	PAL
Video Output	RGB
Brightness	Normal
Contrast	0
⬆ Select	▶ Change

1.4 AUDIO SETUPMenu

The audio setup optionsare illustrated below:

(1) DIGITAL OUT

Highlight the DIGITALOUT option, and pressthe
Arrow buttons to choosethe audio output mode
you prefer. Thereare 3 optional audiooutput
modes: SPDIF / RAW, and SPDIF/PCM,OFF.

(2) DOWNMIX

There are two modes,one is LO/RO, oneis LT/RT.

Audio Setup	
Digital Out	SPDIF/RAW
Downmix	Lo/Ro
⬆ Select	▶ Change
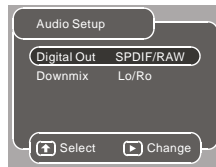
1.5 CUSTOM SETUP MENU

The custom setup optionsare illustrated below:

(1) ANGLE MARK

There are On andoff the two choicesfor this
item. If in theON mode, when playa disc which
the content is multi-angleshot, you may press
the ANGLE buttonon the remote controlto enjoy
the scene in differentangles.

(2) PARENTALCTRL

Parental Ctrl:1,2:G,3:G,4:PG13,5,6:R,7:NC17,8
the eight levels. Thefirst level discs areopen to

Custom Setup	
Angle Mark	On
Parental Ctrl	8 Adult
Password	New
Default	Read
⬆ Select	▶ Change

people of ever ageand eight level onlysuitable for the adult.Ifyou want to changethe
parental ctrl setting, enterthe user's age controlitem and then enterfour digital
password. The default passwordis 6666(if you areusing this player forthe first time,
just input this code).Ifthe input code hasbeen confirmed ,the levelsetting up menu
will appear. Movethe cursor to choosethe expected level.

(3) PASSWORD
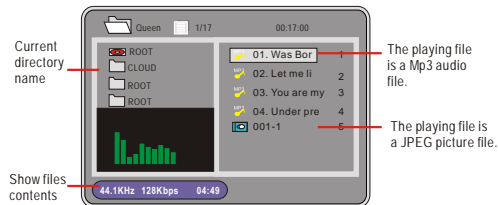
To changethe password, you willbe prompted for theold password, then beprompted
for new one. Entera 4-digit number (this is your password).Butthe PASSWORD tothe
factory defaults.

(4) DEFAULT

The DEFAULTsetup options are RESTOREfactory setup. Let yourplayer work on
best state.

2. Mp3 PLAYBACK

When an MPEG and an Mp3 disc is loaded, the screen will be as follows:

Current
directory
name

Show files
contents

The playing file
is a Mp3 audio
file.

The playing file is
a JPEG picture file.

▸ Queen	1/17	00:17:00
ROOT	01. Was Bor	1
CLOUD	02. Let me li	2
ROOT	03. You are my	3
ROOT	04. Under pre	4
	001-1	5

44.1KHz 128Kbps 04:49

Press [UP/DOWN] to select the file when the cursor appears in the file window.
Press select to play the current file selected by the cursor.
Press [LEFT/RIGHT] to switch between the directory window and the file window.
Note: During Mp3 playback, Forward Scan and Reverse Scan are not available.
Note: The player will not identify or play an MP3 disc under the following conditions:
the recording format is not supported(make sure the files are in MP3 format),the
disc is badly scratched, damaged or dirty, the disc is not finalized.

Troubleshooting

If you experience problems with this receiver or its installation, in the first instance please read carefully the relevant sections of this User Manual and this Troubleshooting section.

Problem	Possible cause	What to do
Standby light not lit	Mains lead unplugged	Check mains lead
	Mains fuse blown	Check fuse
No signal found	Aerial is disconnected	Check aerial lead
	Aerial is damaged/misaligned	Check aerial
	Out of digital signal area	Check with dealer
No picture or sound	Tuned to digital teletext channel	Retune to another channel
Mosaic blocks in picture or picture freezes	Aerial may not be compatible	Check aerial
Scrambled channel message	Channel is scrambled	Select an alternative channel
Forgotten channel lock code		Re-install channels to cancel channel lock
No response to remote control	Receiver off	Plug in and turn on receiver
	Handset not aimed correctly	Aim handset at front panel
	Front panel obstructed	Check for obstructions
	Remote control batteries are inserted incorrectly	Check batteries direction
	Handset batteries exhausted	Replace remote control batteries
After moving the receiver to another room, find can't receive the digital reception	The aerial feed may come through a distribution system which may reduce the digital signal now received by the receiver	Try a direct feed from the antenna
BAD Disc is displayed	Ensure the disc is not warped, damaged or deformed. Ensure the disc is not badly stained or damaged. Ensure the disc format is compatible with the player. Please check whether you have tried to play a software CD. If so, please restart the player.	
No disc is displayed	Ensure you have put the disc on the tray. Ensure the disc is not upside down. Ensure the disc is not distorted, stained or scratched.	

Specifications

Item	Specification	
Tuner	Frequency Range	950MHz to 2150MHz
	Input Impedance	75 Ohms unbalanced
	Signal Input Level	-65 ~ -25DBM
	Symbol Rate	2-45 Mbps
	LNB Power	13/18V, max.500mA
Demodulation	QPSK	Demodulator
	FEC	1/2,2/3,3/4,5/6,7/8
Connectors	LNB IN	F-Connector
	LOOP OUT	F-Connector
	Y/Pb/Pr	Connect to your TV component Input terminals
	L/R	Analog audio L/R signal
	COAXIAL	RCA, for SPDIF digital audio output
Power	INPUT	100-240V~ 50/60Hz
	Consumption	18W max.
Display	Decoder Module	PAL,NTSC
	Resolution	720x576(PAL);720x480(NTSC)
	Aspect Ratio	4:3(Letterbox,Pan & Scan), 16:9
Decoding	Video	MPEG2 Transport MP@ML
	Audio	MPEG2 Audio Layer I&II
Others	Compliance	ETSI/EN 300421 DVB-S Compliant
	Sound Mode	Right, Left, Stereo

*Specifications are subject to change without further notice.

This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of life separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.