

Home Multimedia Center

Movie Cube D120H/D850H

User's Manual

(Version 1.0)

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1. User Information

1.1 Caution

This player's design and manufacture has your safety in mind. In order to safely and effectively use this player, please read the following before usage.

1.1.1 Usage cautions

User should not modify this player. If commercial hard disk is being used, the environmental temperature should be within +5 ~ +35 .

1.1.2 Power

The player's power voltage: DC 12V.

When using this player, please connect the supplied AC adapter or AC adapter cable to the player's power jack. When placing the adapter cable, make sure it can not get damaged or be subject to pressure. To reduce the risk of electric shock, unplug the adapter first before cleaning it. Never connect the adapter to the player in a humid or dusty area. Do not replace the adapter or cable's wire or connector.

1.1.3 Radio interference/compatibility

- If not properly shielded, almost all electronic devices will get radio interference. Under some conditions, your player might get interference.

- The design of this player has followed the FCC/CE standard, and has followed the following rules:

(1) This player may not cause harmful interference;

(2) This player could accept some interference received including interference that may cause undesired operation.

1.1.4 Repair

If the player has a problem, you should take it to an appointed repair center and let the specialists do the repair, never repair the player yourself, you might damage the player or endanger yourself or your data.

1.1.5 Disposing of the player

When you dispose of the player, be sure to dispose it appropriately. Some countries may regulate disposal of electrical device, please consult with your local authority.

1.1.6 Hard disk cautions

The player uses an internal hard disk for data storage, in normal case, format or repair is not required.

You should carefully read the < Frequently Asked Questions > chapter, and check our website for latest information before formatting the hard disk.

- Physical impact may create bad sector in the hard disk, you can use CHKDSK to fix the problem.
- All data stored in the player may be lost due to physical impact, electrical shock, power lost, HDD format etc. Please backup your data.
- It is suggested to do defragment after a long period of usage.
- Regularly backup the data in the hard disk so that it can be recovered in the event of data corruption or loss. Our company takes no responsibility for loss of data stored on the hard disk.

1.1.7 Others

When using this player, please do not let the player come into contact with water or other liquid, if water is accidentally spilled on the player, please use a dry cloth to absorb the spillage.

Electronic products are vulnerable, when using please avoid shaking or hitting the player, and do not press the buttons too hard.

- ✧ Do not let the player come into contact with water or other liquid.
- ✧ Do not disassemble the player, repair the player or change the design of the player, any damage done will not be included in the repair policy.
- ✧ Do not press the buttons of the player too hard.
- ✧ Avoid hitting the player with hard object, avoid shaking the player, and stay away from magnetic fields.

During electrostatic discharge and the strong electromagnetic field, the product will malfunction, then unplug the power cable and the product will return to normal performance next time it is powered on.

2. Product Introduction

2.1 Product Overview

Thank you very much for purchasing our Movie Cube. In the digital era, this product is a great home entertainment partner. With the outstanding design, you can enjoy Full HD movies and music, view photos of precious moments, and record your favorite TV or movie programs and view them in your own time. The editing function provides you with an easy way to save these. It's easy to use this product as a portable external storage device with its built-in HDD and high-speed USB 2.0.

Network Feature

- A/V streaming/transmission via Ethernet (10M/100M) & Wi-Fi (802.11b/g/n, optional)
- File sharing via Samba server
- A/V streaming via UPnP Media Server
- BitTorrent download (controlled and managed via web server)
- Internet Radio

USB 2.0 Support

- USB DEVICE port (for computer connection)
- USB HOST port x 3 (for USB storage devices)

DVD playback

- Support DVD, Mini BD, AVCHD, VCD, CD

Navigation Options Include

- Search: search by genre, album, date, folder, recent, playlist and artist.
- Media Library: lets you view all your media files in one menu regardless of its location in folders or drives. You can filter by categories such as genre, artist, album and so on.

Photo Viewing

- You can view photos in slide show mode with background music.
- Zoom in/out, Rotate
- Photo format: HD JPEG/BMP/GIF/TIF/PNG

Movie Playback

- Fast forward/rewind

- View subtitle
- Supports major audio formats (1080p HD video decoding)
- Movie format: AVI/MKV/TS/TP/TRP/M2TS/MPG/MP4/M4V/MOV/VOB/ISO/IFO/DAT/WMV/ASF/RM/RMVB/FLV

Music Playback

- Fast forward/rewind
- Shuffle
- Repeat
- Music format: MP3/OGG/WMA/WAV/FLAC

DVB-T TV

- supports Digital Video Broadcasting Terrestrial (DVB-T) TV reception
- supports double-tuner, allows to watch other programs while recording another one
- supports Electronic Program Guide (EPG), Teletext and subtitle
- supports the loop out of DVB-T signal received from Aerial.

Video Recording

- supports one button recording and scheduled recording, can easily record programs from DVB-T TV, DVD player, DV, etc., and save in MPEG-2 (.mpg, or .ts) format
- supports time shifting function

File Copy

- Supports copying & moving files among USB, HDD, and Network

Note: All the information contained in this manual was correct at the time of publication. However, as our engineers are always updating and improving the product, your device's software may have a slightly different appearance or modified functionality than presented in this manual.

2.2 Package Contents

Part	Quantity
Player	1
Scart to 6 RCA connectors cable	1
USB cable	1
Remote Control with batteries	1
Power cord	1
User Manual	1
Quick Installation Guide	1
CD (with User Manual)	1
Warranty Card	1

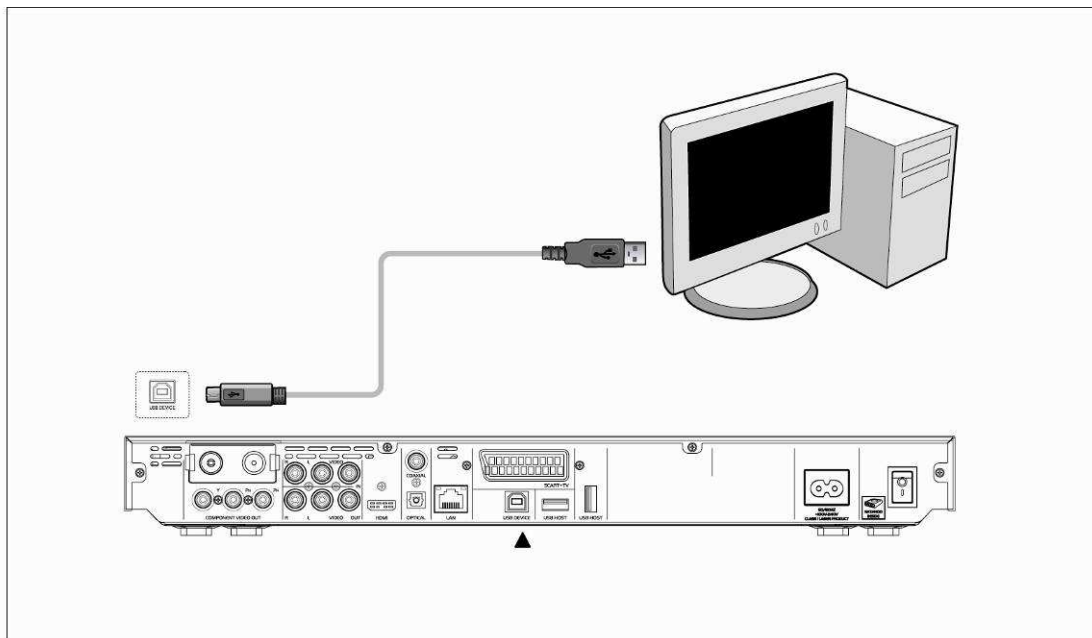
Note:

The actual contents in the package might be different from the packing list in this manual.

2.3. Connection

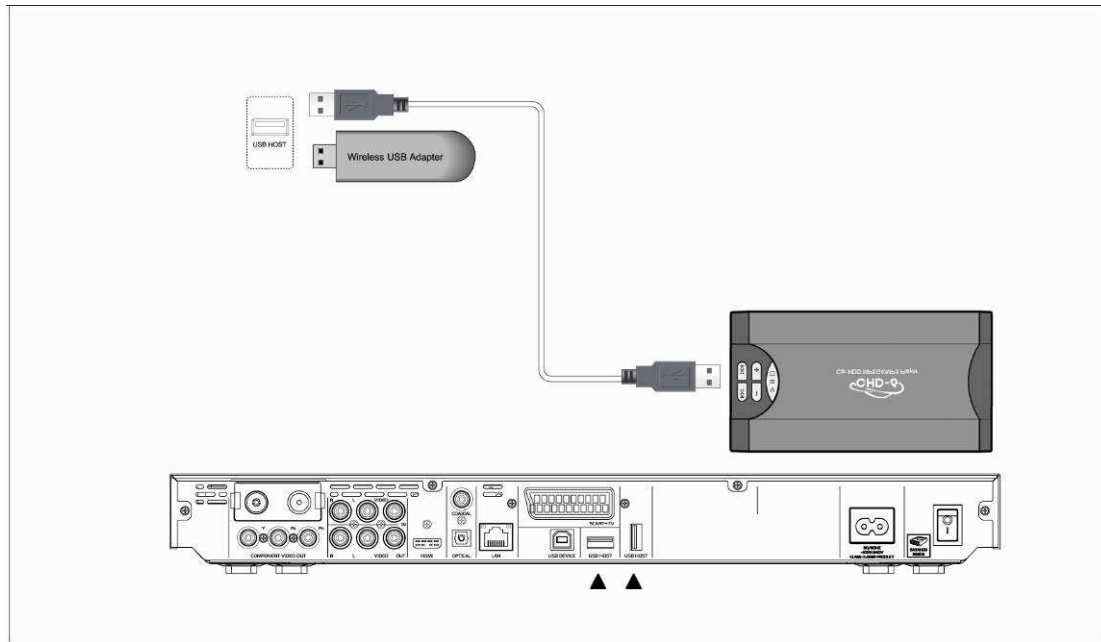
2.3.1 Connect to Computer

- (1) Make sure the player is powered on;
- (2) Plug in the squarish connector of the USB cable to this player's USB DEVICE port;
- (3) Plug in the rectangular connector of the USB cable to computer.



2.3.2 USB Mass Storage Device (like USB stick, MP3, USB HDD etc.) Connection

- (1) Make sure the player is powered on;
- (2) Plug in the USB stick or USB HDD etc. to one of the USB host ports of this player.



Removing a USB Device

In order to prevent data loss, it is highly recommended you press USB button on the remote control before remove a USB device.

To remove a USB Device:

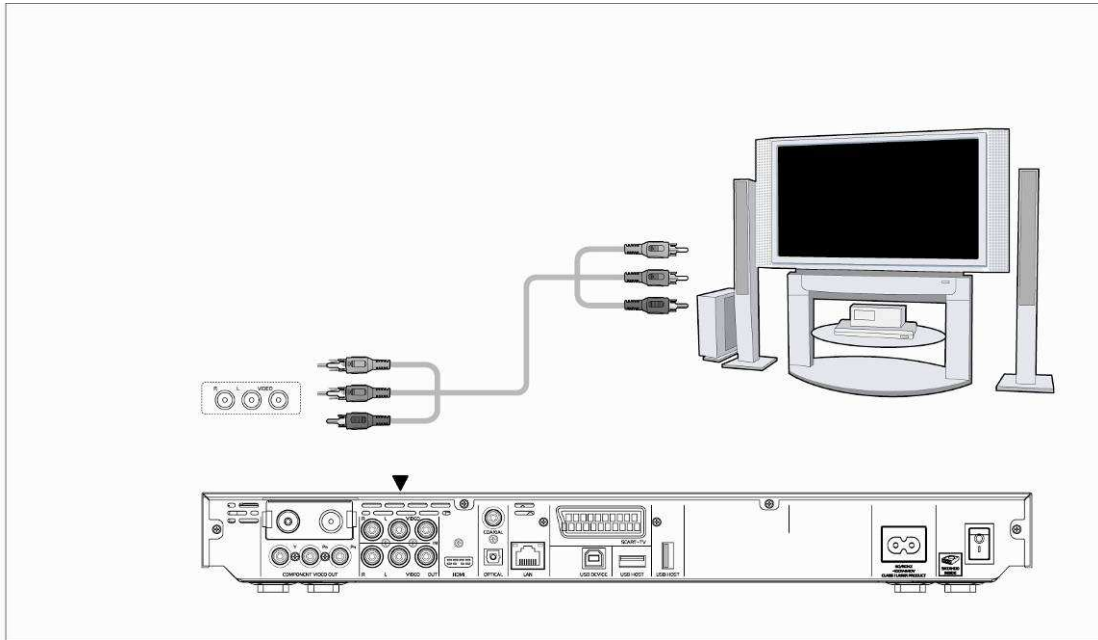
1. Press USB button on the remote control
2. Select the USB device you want to remove
3. Press ENTER button on the remote control to remove USB device.

2.3.3 TV connection

2.3.3.1 A/V IN

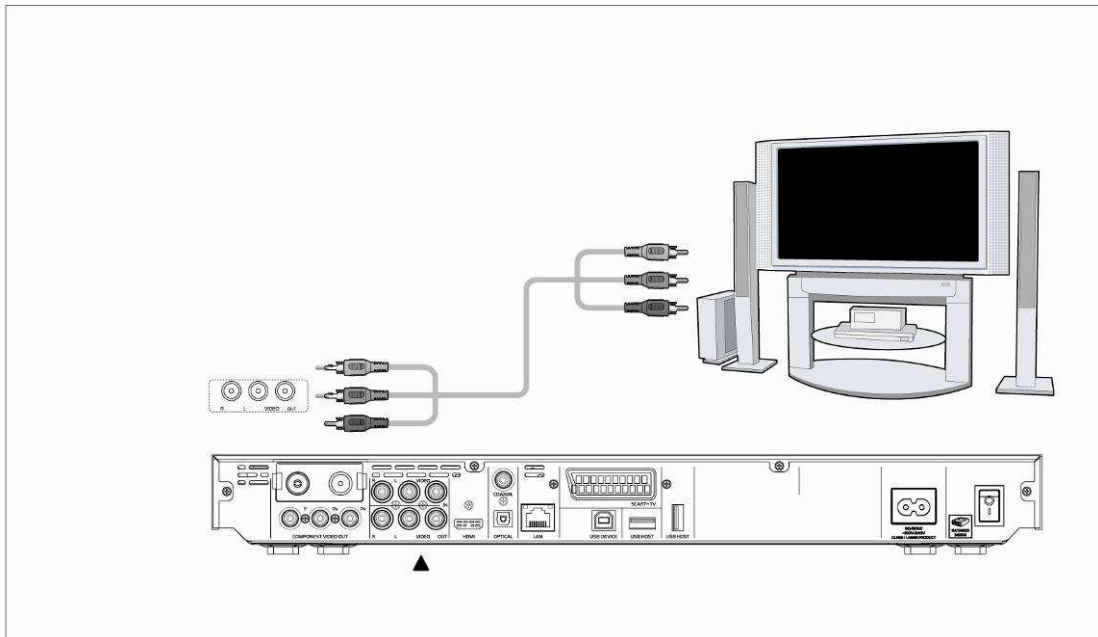
- (1) Follow the picture and plug in the 3 color connector to the player's A/V IN jack;
- (2) Follow the picture and plug in the 3 color connector to the A/V OUT jack of the TV/IPTV Set-Top Box (STB).

In this way, you can record TV programs from the TV/IPTV Set-Top Box.



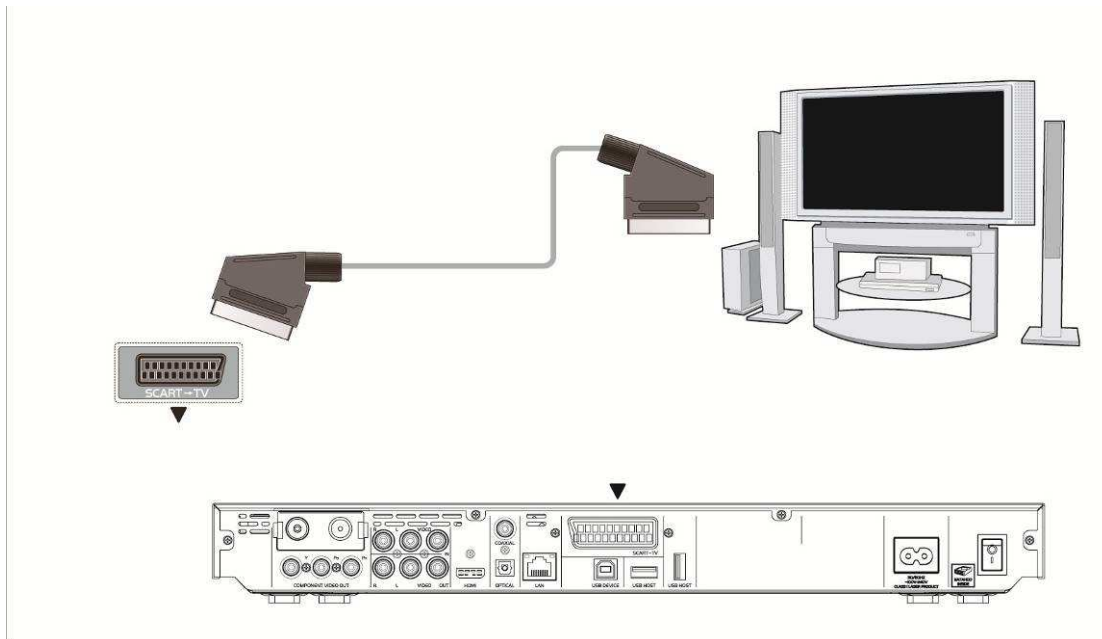
2.3.3.2 AV OUT

- (1) Follow the picture and plug in the 3 color connector to the player's A/V OUT jack;
 - (2) Follow the picture and plug in the 3 color connector to the TV's A/V IN jack.
- In this way, you can enjoy the content in the player on TV or other display devices.



2.3.3.3 SCART OUT

- (1) Follow the picture and plug one connector on the SCART cable to the player's SCART socket;
- (2) Follow the picture and plug the other connector on the SCART cable to the TV's SCART socket.



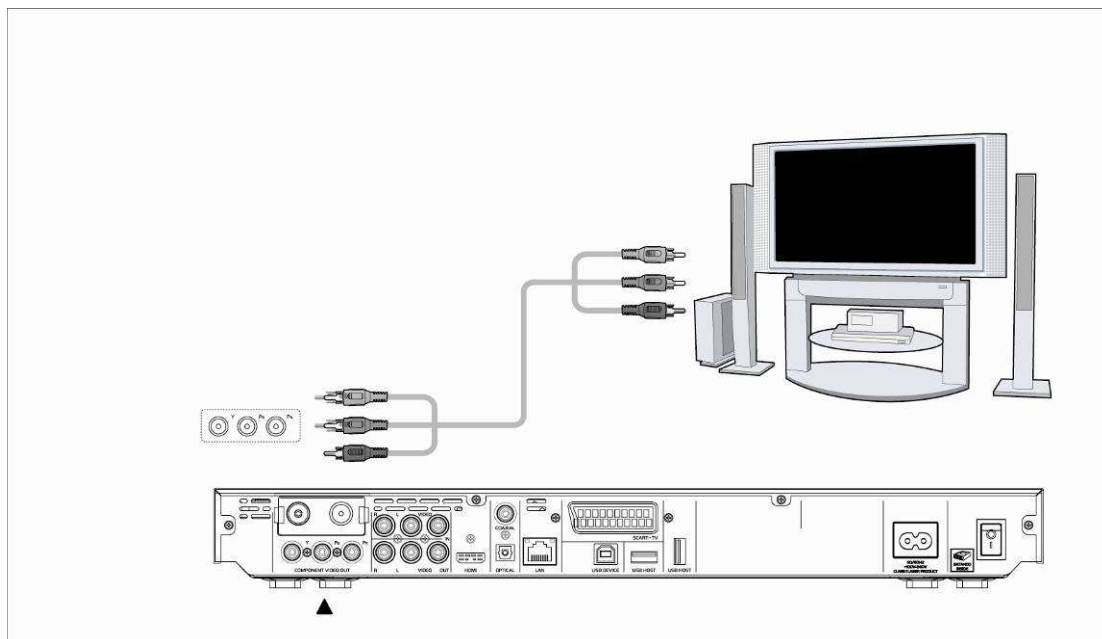
2.3.3.4 Y/Pb/Pr Component OUT

- (1) Follow the picture and plug in the 3 color connector to the player's Y/Pb/Pr jack;
- (2) Follow the picture and plug in the 3 color connector to the TV's Y/Pb/Pr jack.

Audio Connection while using Y/Pb/Pr Video out:

First method: use the audio output from the A/V OUT jack;

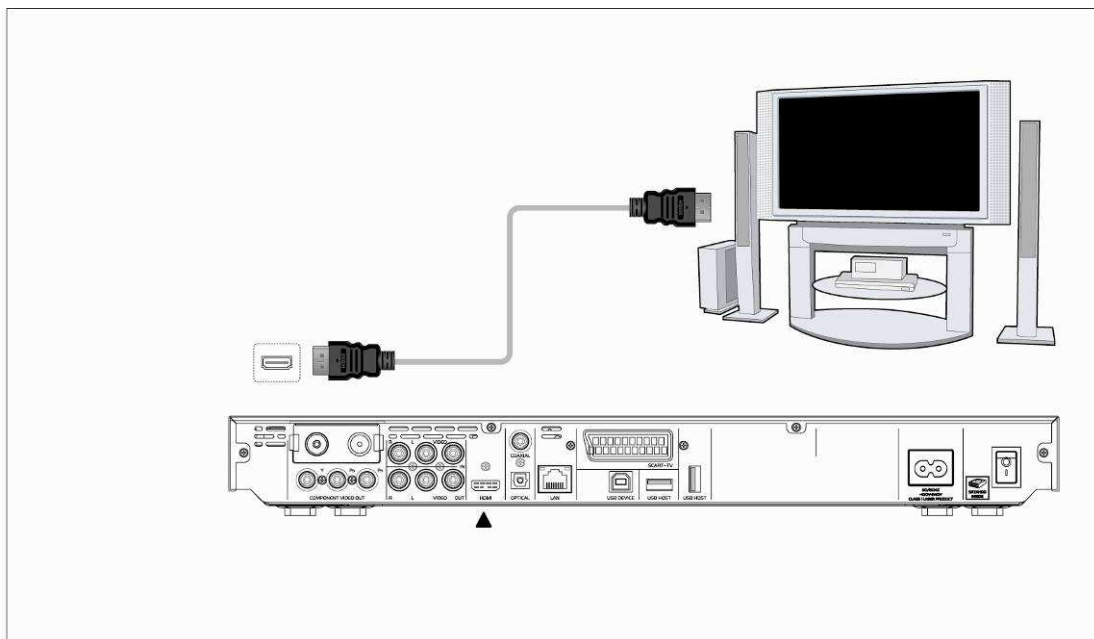
Second method: use the audio output from the S/PDIF Coaxial or Optical jack.



In this way, you can also enjoy videos, music, and photos in the player on TV.

2.3.3.5 HDMI OUT

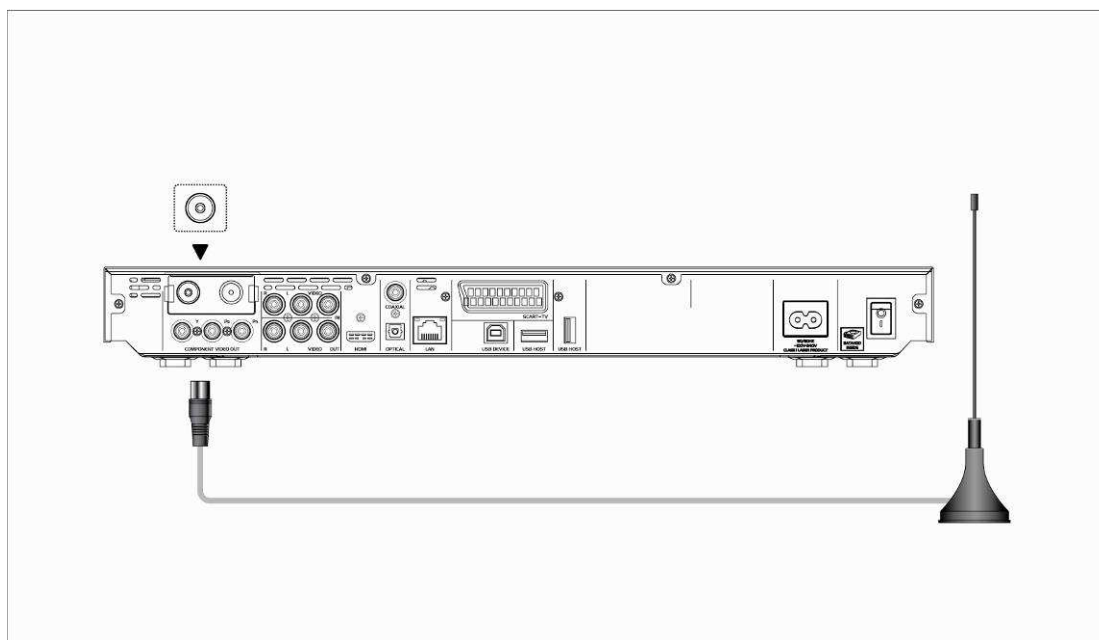
- (1) Follow the picture and plug one connector of your HDMI cable to the player's HDMI jack;
- (2) Follow the picture and plug the other connector of your HDMI cable to the TV's HDMI jack.



In this way, you can have the highest quality video and audio via a single cable.

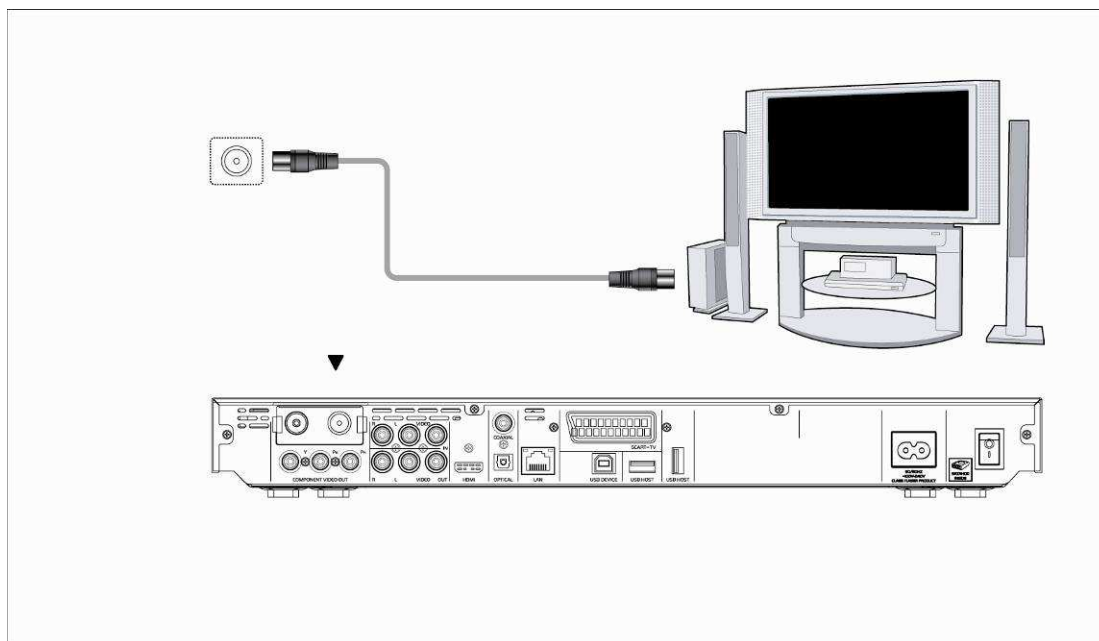
2.3.3.6 ANT. / RF IN (D850H)

Follow the picture and plug the antenna cable to the ANT. / RF IN socket.



2.3.3.7 ANT. / RF OUT (D850H)

- (1) Make sure the player is connected to power supply;
- (2) Make sure a TV Aerial is connected to the ANT. / RF IN socket;
- (3) Follow the picture and plug a TV cable to the ANT. / RF OUT socket then plug the cable to a TV or other TV receiver.

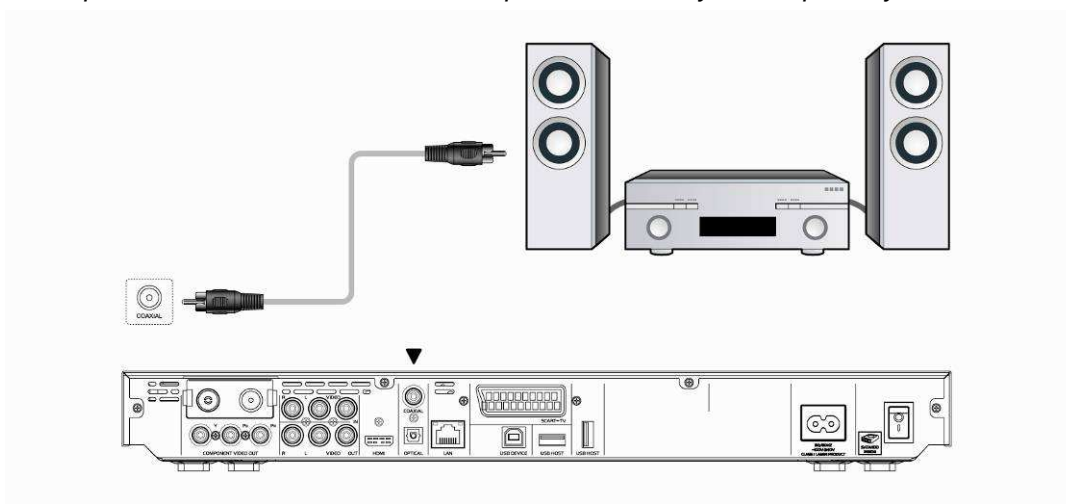


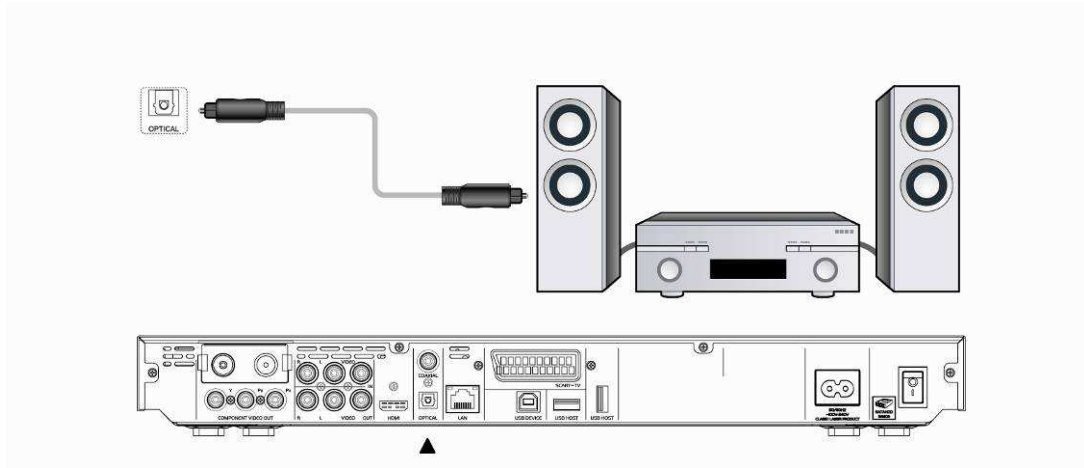
The player can loop out the DVB-T signal to other TV receiver device. In this way, you can watch the TV programs with another TV receiver while recording

2.3.4 Digital Audio Device connection

- (1) Follow the picture and plug in the RCA connector on your coaxial cable to the player's S/PDIF Coaxial jack. Or if you use optical fiber, please plug in the Toslink connector on your optical fiber to the player's S/PDIF Optical jack;
- (2) Follow the picture and plug in the other connector on your coaxial cable or optical fiber to the digital audio device (digital amplifier or decoder).
- (3) Select the appropriate input source in the digital audio device.

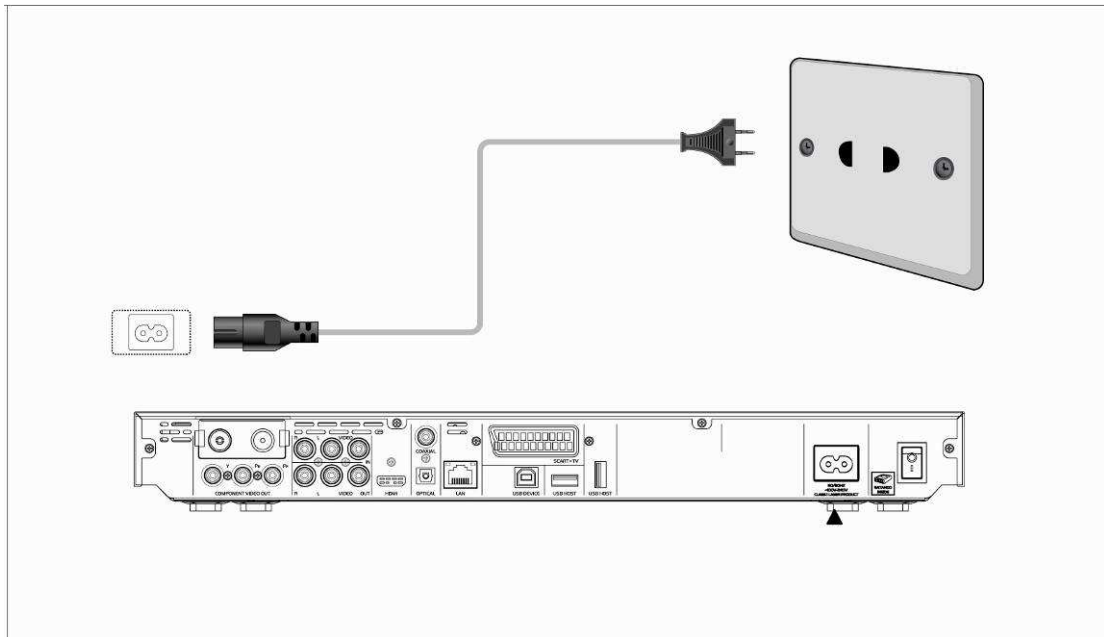
Note: Optical fiber and coaxial cable is an optional accessory sold separately.





2.3.5 Power connection

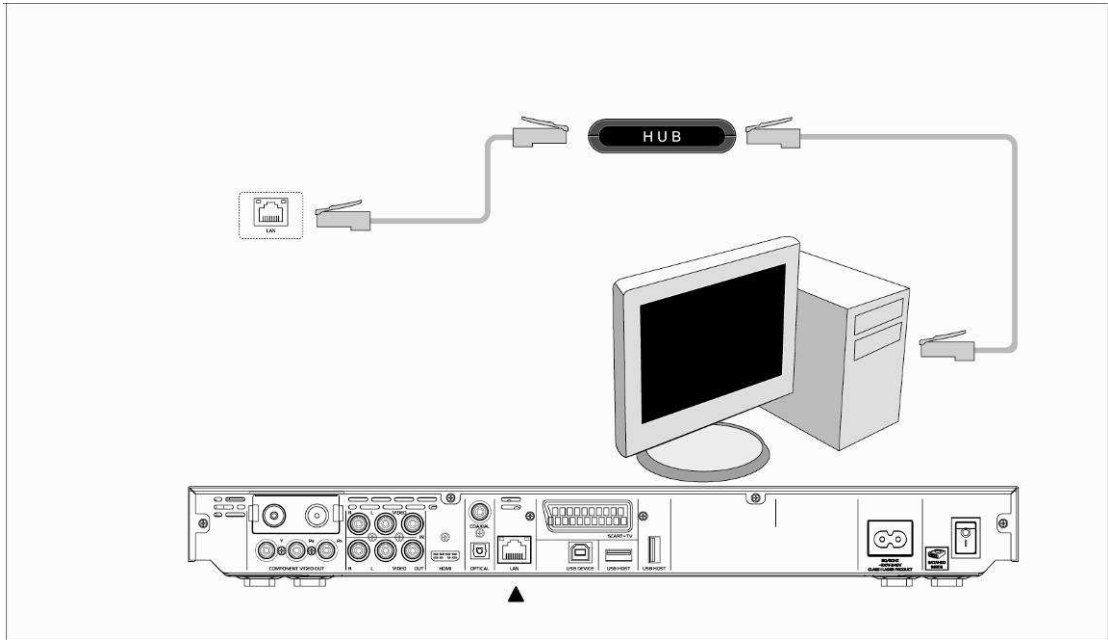
- (1) Follow the picture and connect the AC adaptor to the player's DC IN jack;
- (2) Follow the picture and plug in the AC adaptor to the power outlet.



2.3.6 Ethernet connection

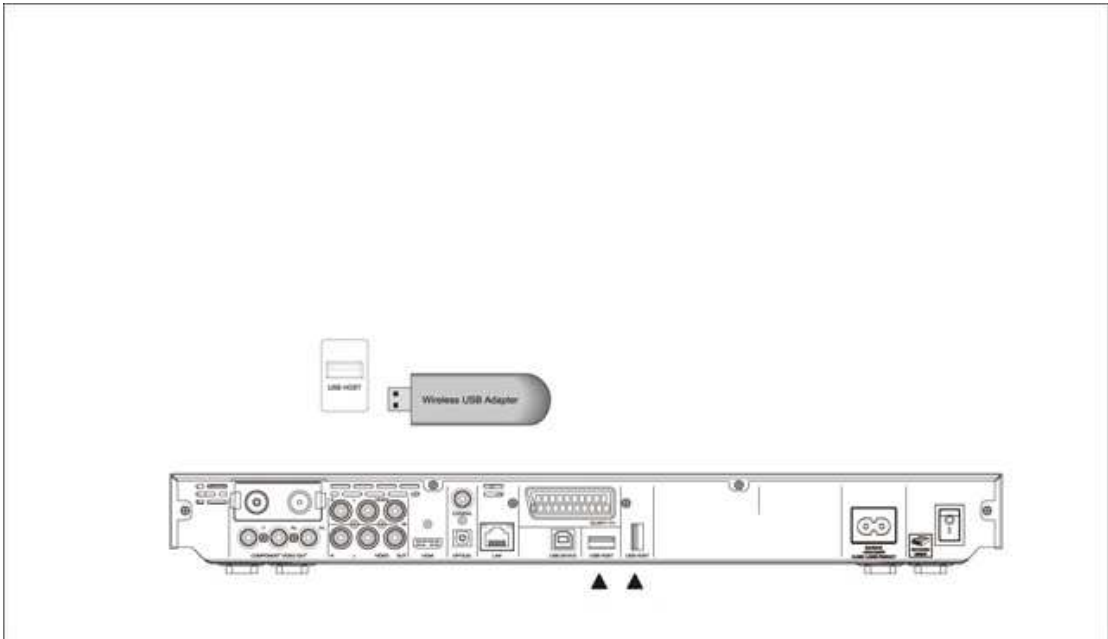
To connect to a LAN (Local Area Network) you require a cat5, cat5e or cat6 network cable (not supplied).

- (1) Connect one of the crystal plugs on the cable to the player's RJ45 LAN socket;
- (2) Connect the other crystal plug on the cable to a RJ45 LAN port on your router, switch, or hub devices.



2.3.7 WLAN connection

- (1) Make sure the player is powered on;
- (2) Plug the Wireless LAN USB Adapter (i.e. Wi-Fi USB Dongle) to the USB HOST port of the player.



2.3.8 HDD insertion

Make sure the player is switched off.

Open the door of the HDD rack.



As illustrated below, insert manually the HDD until $\frac{3}{4}$ is in the rack.



Use the door to close the HDD rack.

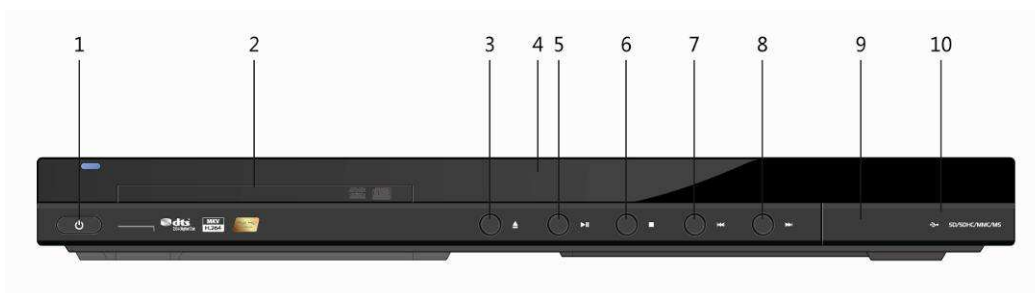
Warning : do not try to insert the whole HDD manually as this may break the mechanism within. Always use the door to insert the HDD fully.



You can now power on the player.



2.4 Front Panel



1. Power indicator & button

2. DVD tray

3. Eject button

4. LED display

5. Play/Pause button

6. Stop button

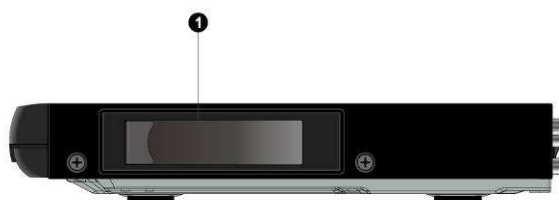
7. PREV button

8. NEXT button

9. USB Host port

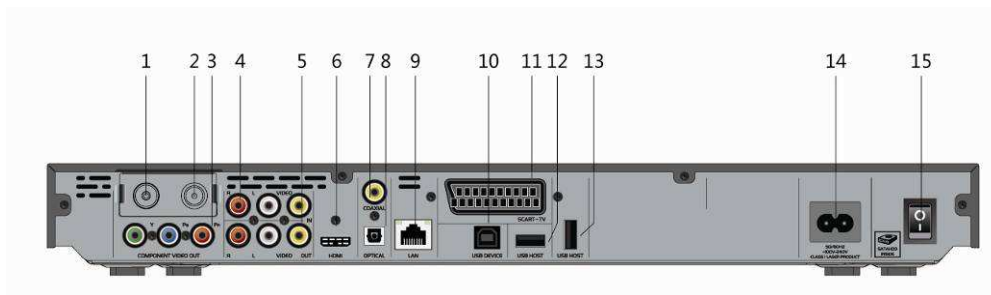
10. Memory card slot

2.5 Side Panel



1. HDD mobile rack

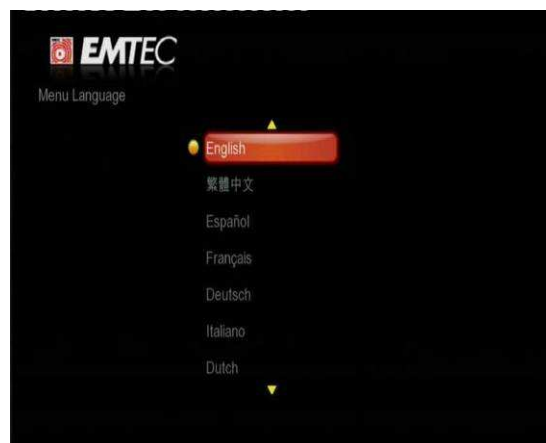
2.6 Rear Panel



1. *ANT. / RF IN socket (for D850H)
2. *ANT. / RF OUT socket (for D850H)
3. Y/Pb/Pr OUT jack
4. A/V IN jack
5. A/V OUT jack
6. HDMI jack
7. S/PDIF COAXIAL jack
8. S /PDIF OPTICAL jack
9. RJ45 LAN socket
10. USB DEVICE port (B-Type)
11. Scart
12. USB HOST port (A-Type)
13. USB HOST port (A-Type)
14. DC IN jack
15. Power Switch

2.7 Menu Language

The system language of this player can be set to English or other languages. Change the language you wish in the setup menu, the selected language will take effect immediately.



2.8 HDD Format

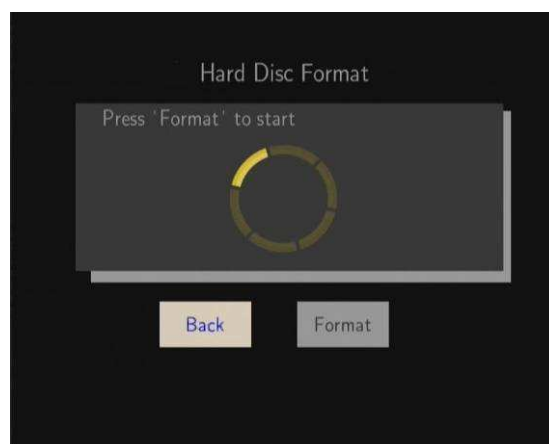
For users who wish to install a new SATA HDD into the player, please refer to the following procedures to format the hard disk on the player before usage.

- Step 1: Select **OK** on the **Warning** page, press **ENTER** to confirm.



Note: This page can be also accessed via **Setup->System->HDD Format** menu.

- Step 2: Press the **up / down** button to adjust the capacity of time shift buffer.
Press the **left / right** button to select Next, and the **enter** button to confirm.
- Step 3: Select **Format**, press **ENTER**, and then hard disk format will start.



The formatting procedure will be finished within a few minutes. And then you can use the hard disk properly on the player.

Note: HDD format will remove all data stored on the hard disk drive. Please take care and backup your data in advance!


2.9 Remote Control (*D850H)



- | | |
|----------------|---|
| 1. MUTE | 2. DVD |
| 3. SETUP | 4. INFO |
| 5. SEARCH | 6. HOME |
| 7. UP | 8. LEFT |
| 9. OK | 10. DOWN |
| 11. VOL- | 12. Numeric buttons |
| 13. HELP | 14. REC* |
| 15. PLAY/PAUSE | 16. FR |
| 17. FF | 18. USB |
| 19. SLOW | 20. TIME SHIFT* |
| 21. COPY | 22. RED* |
| 23. GREEN* | 24. YELLOW* |
| 25. BLUE* | 26. SELECT |
| 27. REPEAT | 28. AUDIO |
| 29. SUBTITLE | 30. PREVIOUS |
| 31. NEXT | 32. STOP |
| 33. EJECT | 34. VOL+ |
| 35. RIGHT | 36. RETURN |
| 37. ZOOM | 38.  |
| 39. TV SYS. | 40. OPTION |
| 41. POWER | |

No.	Button	Function
1	MUTE	Press to mute audio output, and press again to resume.
2	DVD	Press to play the inserted disc.
3	SETUP	Press to enter the setup menu.
4	INFO	Press to display current status. <ul style="list-style-type: none"> Press during playback and an onscreen display appears, showing track number and time elapsed/remaining. Press during recording and an onscreen display

		<p>appears, showing the recording quality setting and time elapsed.</p> <ul style="list-style-type: none"> • Press during live TV and an onscreen display appears, showing the current channel number and time. <p>Press during time shifting to turn the time shifting bar on/off</p>
5	SEARCH	Filter the current folder to locate the specific media file. Does not search subfolder; Press to jump to a specific point on a title. Specify the point using Title, Chapter and Time.
6	HOME	Press to enter the home screen.
7	UP	Navigational button. Press the arrow buttons to select menu options.
8	LEFT	Navigational button. Press the arrow buttons to select menu options.
9	OK	Press OK button to confirm.
10	DOWN	Navigational button. Press the arrow buttons to select menu options.
11	VOL-	Press to decrease the volume.
12	Numeric buttons	Press to enter channel numbers or numeric input when changing settings.
13	HELP	Help Button. Press to get information guide.
14	REC. *	Press to begin recording or to resume when recording has been paused. Press repeatedly to set one touch recording (OTR) length (30 MIN. / 60 MIN. / 90 MIN. / 120 MIN. / 180 MIN. / 240 MIN. / Off).
15	PLAY/PAUSE	Press to begin playback/ pause the current playback.
16	FR	Press to fast rewind the current playback. Press repeatedly to select speeds
17	FF	Press to fast forward the current playback. Press repeatedly to select speeds.
18	USB	Press USB button to eject USB device.
19	SLOW	Press to play back in slow motion. Press the PLAY button to resume regular playback.
20	TIME SHIFT *	While in the DVB-T / Analog TV or A/V IN mode, press to activate the time shift function, which allows you to pause live TV and resume the program from the point you left it. While paused, the program is recorded to the internal HDD as long as

		the space is available. Press to activate the time shift function and wait for the play arrow to appear on the screen. Press the PAUSE button and the program will be paused. Press the PLAY button to resume viewing the program. Time shift mode remains active until you press the STOP button or the TIME SHIFT button again.
21	COPY	Press to enter the file copy menu.
22	RED *	Press to add/delete schedule recording in EPG menu.
23	GREEN(EPG) *	Press to enter the Electronic Program Guide which displays an on-screen list of programs for the coming week when watching Digital Terrestrial TV.
24	YELLOW(TTX) *	Press to open Teletext OSD if it is available in the broadcasted stream of Digital Terrestrial TV.
25	BLUE *	Press to activate sort function in channel set in TV setup menu.
26	SELECT	Press to select files in browser and file copy menu.
27	REPEAT	Press to set repeat option.
28	AUDIO	Press to select an audio track.
29	SUBTITLE	Press to set subtitle options. You can change the color/size/offset/text encoding of subtitle.
30	PREV	Press to view the previous file / page up.
31	NEXT	Press to view the next file / page down.
32	STOP	Press to stop playback.
33	EJECT	Press to eject / close the DVD.
34	VOL+	Press to increase the volume.
35	RIGHT	Navigational button. Press the arrow buttons to select menu options.
36	RETURN	Press to return to the previous screen while navigating menus.
37	ZOOM	Press to zoom in/out the image (photo or video).
38		Press to go to movie/music/photo playlist
39	TV SYS.	Press to switch between NTSC, PAL, 480P, 576P, 720P, 1080I, and 1080P.
40	OPTION	Press to add the file to Playlist and press to display or hide the information bar during playback.
41	POWER	Press to enter standby mode or wake up.

3. Main Menu

3.1 Setup Menu

The Setup menu allows you to personalize and configure the preferences for your player.


To select a Setup option:

- Select the Setup icon on the home screen
- Use the **UP/DOWN** navigational buttons to select an option, and then press **ENTER**.



There are nine Setup options, including **TV**, **Audio**, **Video**, **Photo**, **REC**, **Network**, **System**, **MISC** and **Media Library**. Use the **UP/DOWN** navigational buttons to select a menu. Press **ENTER** to confirm. Press **RETURN** to cancel and display the previous menu screen.

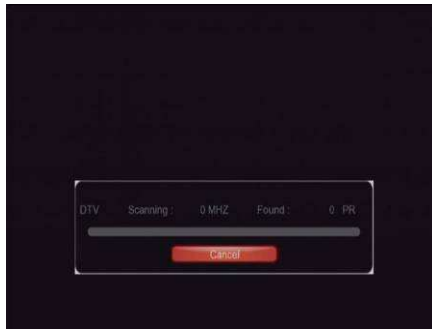
3.1.1 Changing DVB-T TV settings (D850H)

TV Region	Select to set the region for Digital Terrestrial TV.  Press the up / down button to select, and the enter button to confirm.
Channel Scan	Select to scan for available Digital Terrestrial TV channels.



Press the **up / down** button to select from **AUTO SCAN** and **MANUAL SCAN**, and press the **enter** button to confirm.

AUTO SCAN



In **AUTO SCAN** mode, the system will automatically scan for available DVB-T TV channels.

MANUAL SCAN



In **MANUAL SCAN** mode, you can select the CH name, Bandwidth, and Input Frequency. Use the navigational and numerical buttons on the remote control to select or input. Press the **enter** button to confirm.

Channel Set

Select to edit channel information.



Press the **up / down** button to select **DVB-T**, and press the **enter** button

to confirm.



In this menu, you can edit the Name, and sequence for the DVB-T TV channels. Use the navigational buttons to select and modify the settings, and press the **enter** button to confirm.

3.1.2 Changing Audio Settings

Use this menu to configure audio settings



Night Mode

- Choose between **Off / On / Comfort**. If the option is turned on, the audio output volume will be decreased to make you more comfortable.

Digital Output

- Select to set Digital Output (S/PDIF) mode.

Note: In raw mode, Dolby Digital, DTS, or MPEG sound can be bypassed to the HDMI TV or Digital amplifier.

3.1.3 Changing Video Settings

Use this menu to configure video settings.



Aspect Ratio

- **Pan Scan 4:3:** Display a wide picture on the entire screen and cuts off the redundant portions. Select when a standard 4:3 TV is connected.
- **Letter Box 4:3:** Display a wide picture with two black borders on the top and bottom of 4:3 screen. Select when a standard 4:3 TV is connected.
- **16:9:** Compress the image to convert the whole image. Select when a 16:9 TV is connected.

Brightness

- Adjust the level of brightness.

Contrast

- Adjust the level of contrast.

Hue

- Adjust the level of hue.

Saturation

- Adjust the level of saturation.

TV SYSTEM

- Select to adjust TV Type and video output resolution. This setting depends on your regional location. Include:

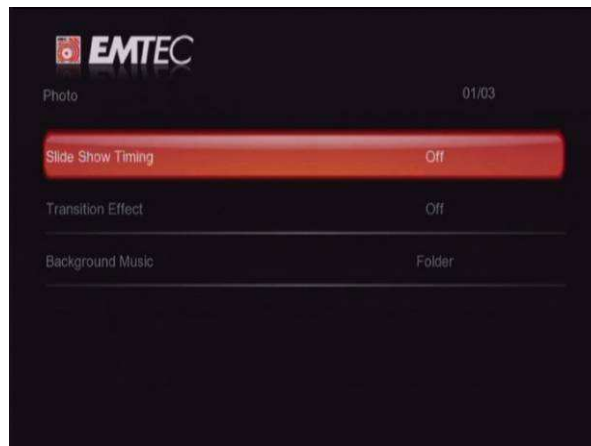
NTSC – United States, Canada, Japan, Mexico, the Philippines, South Korea, and Taiwan.

PAL – Europe, Greenland, parts of Africa and South America, the Mideast, China, India, Australia, and Indonesia.

Resolution - video output resolution

3.1.4 Changing Photo Settings

Use this menu to configure photo settings



Slide Show Timing

- Select to set the interval time for photo slide show.

Transition Effect

- Select to set the transition effect for photo slide show.

Background Music

- Select to set the background music options while view pictures.

Ken Burns

- Apply PAN-Scan effects during Photo playback.

3.1.5 Changing REC settings



Quality

- Select the recording quality. Choose from HQ, SLP, EP, LP and SP.

Permanent Timeshift

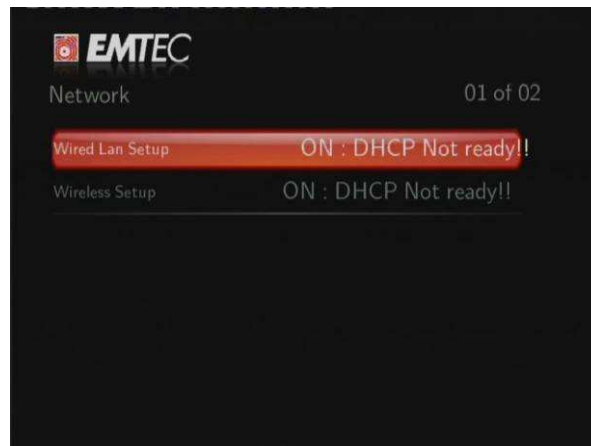
- Select to set Time Shift mode. If On, the time shift will start automatically while in Video In mode.

Rec Device

- Select to set device to restore the recorded files.

3.1.6 Changing Network Settings

Use this menu to configure Ethernet and WLAN (Wireless Local Area Network) settings.



Wired LAN Setup

- **DHCP IP (AUTO)**

Select to obtain IP address automatically.

- **FIX IP (MANUAL)**

Select to manually input the IP Address, Subnet Mask, Default Gateway, and DNS Server IP Address.

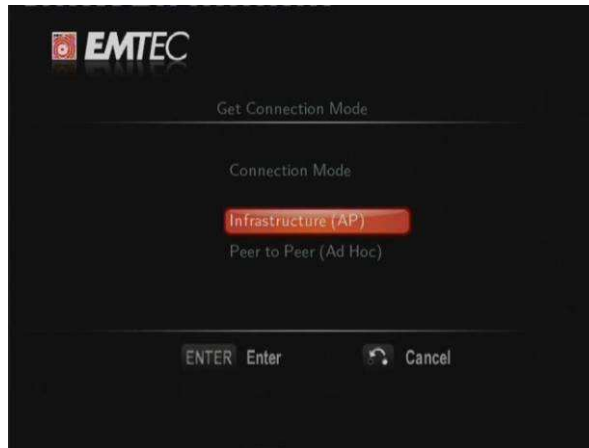
Wireless Setup

- Selecting a connection profile



This player can store up to three wireless network connections. Press **ENTER** to go to next step, press **RETURN** to cancel, and press **PLAY** to connect.

- **Get Connection Mode**



Choose between **Infrastructure (AP)** and **Peer to Peer (Ad Hoc)**. Press **ENTER** to go to next step, and press **RETURN** to cancel.

- **Infrastructure (AP)**

Infrastructure mode is used to connect computers with wireless network adapters, also known as wireless clients, to an existing wired network with the help from wireless router or access point.

Get SSID Name



Press **ENTER** to go to next step, press **RETURN** to cancel, and press **OPTION** to refresh the SSID list.

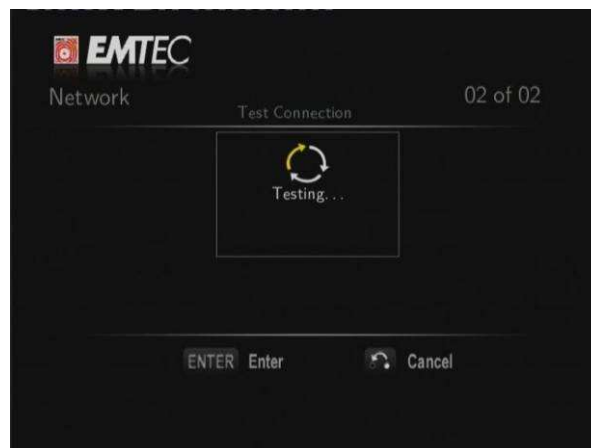
Note: In the Security list, **WEP** (Wired Equivalent Privacy) and **WPA** (Wi-Fi Protected Access) means the network is encrypted, i.e. an encryption key is needed to access the network. **NONE** means it is an open system network.

Input WEP / WPA Key



Encryption keys can be inputted via the virtual keyboard. Press the navigational buttons to select, **ENTER** to input, **CAPS** to switch between uppercase and lowercase, **<-** to delete a character, **->** to insert a space, **shift** to make more symbols available, and **OK** to confirm.

Test connection



The testing process will take for a while, please be patient to wait. If the test is ok, the network information (Profile Name, IP address, Subnet Mask, Gateway, etc.) will be displayed on the screen.

- **Peer to Peer (Ad Hoc)**

Peer to Peer mode, which is also called Ad Hoc mode or computer-to-computer mode, is used to connect wireless clients directly together, without the need for a wireless router or access point.

Ad-Hoc Setup



Press **ENTER** to go to next step, press **RETURN** to cancel, and press **PLAY** to connect.

- **WPS (AP)**

WPS, Wi-Fi Protected Setup, is used to connect a wireless router directly, without searching SSID and inputting password. In this mode, you just need to configure the parameters of your router which support WPS function. There are two modes for you to select, PBC mode and PIN mode.



PBC

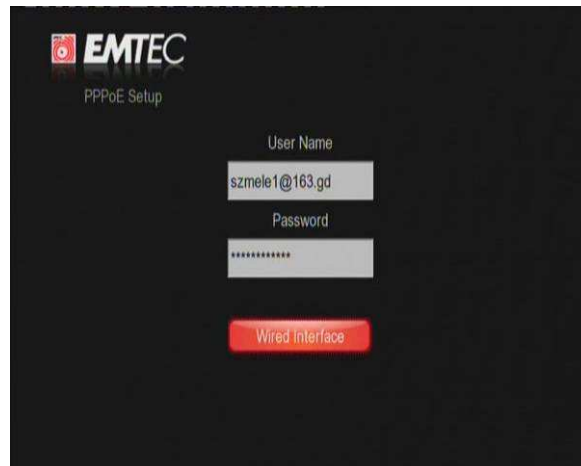
First press the WPS button on the router or select the button mode in the configuration menu of the router, then select the PBC mode, the connection process will take for a while, please be patient to wait.

PIN

Input the pin code when configure your router, then select the PIN mode, the connection process will take for a while, please be patient to wait.

PPPoE Setup

- Input the ADSL account and password in this menu, system will obtain IP address automatically from the server based on PPPOE protocol.



Login Control

- Select to turn on / off password protect for the Web server (Neighbor Web).

Note:

- 1) The default user name is 'admin', and the default password is '123';
- 2) When it is turned off, and then turned on again, the password will be restored to default.

BT and SAMBA

- Select on/off to control the BitTorrent, samba and Web server services.

3.1.7 Changing System Settings

Use this menu to configure system settings.



Menu Language

- Select to choose the OSD (On-Screen Display) language.

Text Encoding

- Select to set the text encoding option (subtitle display)

System Info

- This tab gives you information about the software installed and about the material components of your player.

System Update

- Select to update the firmware or extension package via a USB stick.

- 1) Copy 'install.img' or extension files to the root directory of a USB stick, and connect it to the USB HOST port of the player.
 - 2) Press **ENTER** to confirm.
- **Extension Package Upgrade**
Select to upgrade the extension packages (btpd, samba, unicgi, etc.)
 - **System Upgrade**
Select to upgrade the firmware. (Configuration and settings will be reserved)
 - **System Reinstall**
Select to reinstall the firmware completely (All settings will be lost).

Time

- Select to set the system time.

Parental Control

- Select to set the TV parental control options. A password will be needed for the modification. The default one is '0000'. Press the **numerical** buttons to input, and the **enter** button to confirm.

DVD Auto Play

- Select to turn DVD Auto Play on/off when a DVD disc is inserted.

Angle view

- Select to enable/disable the angle view display.

HDD Format

- Select to format the HDD.

System Info

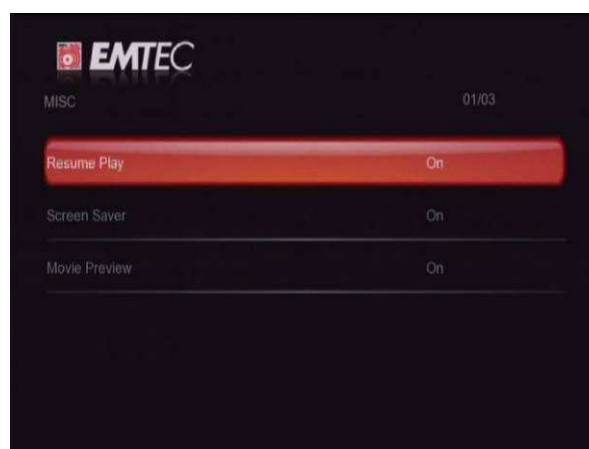
- This tab gives you information about the software installed and the components of the player.

Restore Default

- Select to restore factory defaults.

3.1.8 Miscellaneous

Use this menu to adjust miscellaneous settings.



Resume Play

- Select to turn on / off resume playback (auto-bookmarking) feature for movies.

Screen Saver

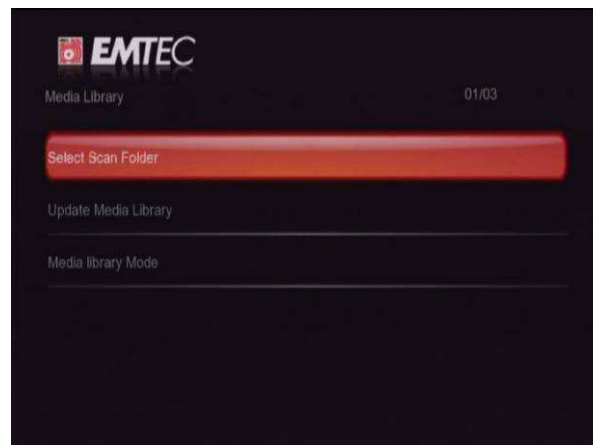
- Select to turn on / off screen saver.

Movie Preview

- Select to turn on / off movie preview in the browser menu.

3.1.9 Changing Media library Settings

Use this menu to set the scan folder, update media library and media library mode.



Select Scan Folder

- Select the scan folders from HDD or external USB device.

Update Media Library

- Press to update media library.

Media library Mode

- Press to select media library mode. You can set off/auto/manual mode from USB/HDD.
Off: When you set off mode, system will turn off media library and won't scan media library.
Auto: When you set auto mode, system will update media library after you turn on the player.
Manual: When you set manual mode, you need enter into **Update Media library** and select update by manual.

Note: System only scan the folders what you have selected. By default, the system will scan all the folders. It will take some time to scan all of the folders.

3.2 Music Playback

Enter music interface, only supported audio files and folder will be displayed. This player supports MP3, WMA, and OGG audio files.



You can navigate using a filter option (Date, Folder, Recent, Playlist, All music, Artist, Genre, or Album) by selecting the Music icon and using UP and DOWN button to scroll through the options listed.

3.2.1 Music Playback Control

Button	Function
PLAY/PAUSE	Begin/Pause playback.
FR / FF	Fast rewind or fast forward. Press repeatedly to select the speed.
PREV / NEXT	View the previous or next movie.
SEARCH	Search for a music file.
OPTION	Hide or display the Music toolbar during playback.
VOL+/-	Increase/Decrease the volume.

3.2.2 Music Playback Options

During music playback, press **OPTION** button. The music toolbar opens at the bottom of the screen.



The music toolbar has several command icons to customize the way you play music. The functions from left to right are repeat, shuffle mode, info.

3.2.3 Quick-Search

You can search for a media file by filter current folder to locate the specific media file. Press **SEARCH** button while browsing music files in the music library.



3.3 Photo Playback

Enter into photo interface, only supported image files and folder will be displayed. This player supports JPG/JPEG/BMP/files.

You can navigate using a filter option (Date, Folder, Recent or All photos) by selecting the photo icon and using UP and DOWN button to scroll through the options listed.

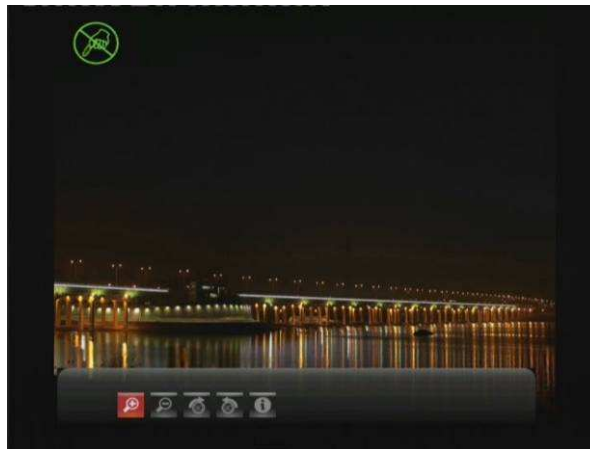


3.3.1 Photo Playback Control

Button	Function
PREV / NEXT	View the previous or next photo.
LEFT / RIGHT	Rotate a photo in any angle.
OPTION	Hide or display the Photo toolbar during playback.
STOP	Stop playback.
ZOOM	Zoom in and out the photo

3.3.2 Photo Playback Options

During photo playback, press **OPTION** button. The photo toolbar opens at the bottom of the screen.



The photo toolbar has several command icons to customize the way you play photo. The functions from left to right are zoom in, zoom out, rotate picture, info.

3.3.3 Quick-Search

You can search for a media file by filter current folder to locate the specific media file. Press **SEARCH** button while browsing photo files in the photo library.



3.4 Movie Playback

Enter into movie interface, only supported image files and folder will be displayed. This player supports AVI, MKV, MOV, MPG files.

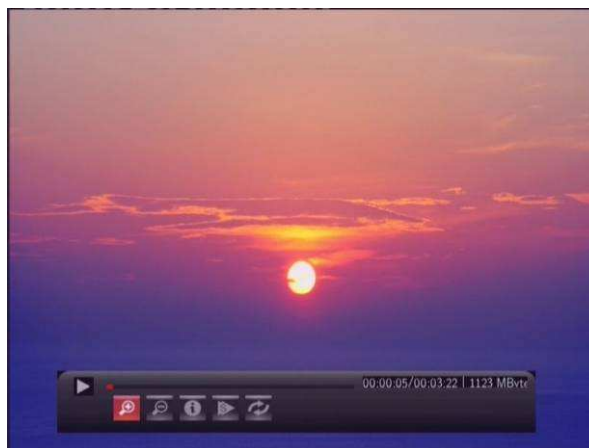
You can navigate using a filter option (Date, Folder, Recent, Playlist, or All movies) by selecting the photo icon and using UP and DOWN button to scroll through the options listed.



3.4.1 Movie Playback Control

Button	Function
PLAY/PAUSE	Begin/Pause playback.
PREV / NEXT	View the previous or next file/chapter.
FR/FF	Fast rewind or fast forward. Press repeatedly to select the speed
OPTION	Hide or display the Movie toolbar during playback.
STOP	Stop playback.
VOL+/-	Press to increase/decrease the volume.

3.4.2 Movie Playback Options



During movie playback, press **OPTION** button. The photo toolbar opens at the bottom of the screen.

The movie toolbar has several command icons to customize the way you play photo. The functions from left to right are zoom in, zoom out, repeat, subtitle, info, audio, dvd.

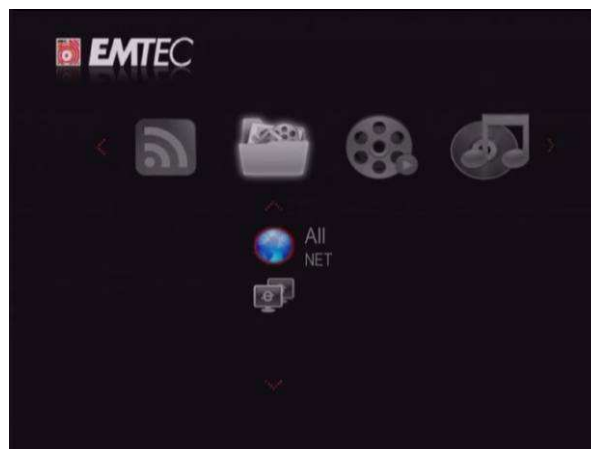
3.4.3 Quick-Search



You can search for a media file by filter current folder to locate the specific media file. Press **SEARCH** button while browsing movie files in the movie library.

3.5 All Files

The “all files” allows you to browse and play music, photo and movie files stored on an internal HDD, external USB device, and Network.



3.5.1 DVD playback

The DVD ROM drive supports DVD, Mini BD, AVCHD, VCD and Audio CD. The following buttons can be used to control DVD playback.

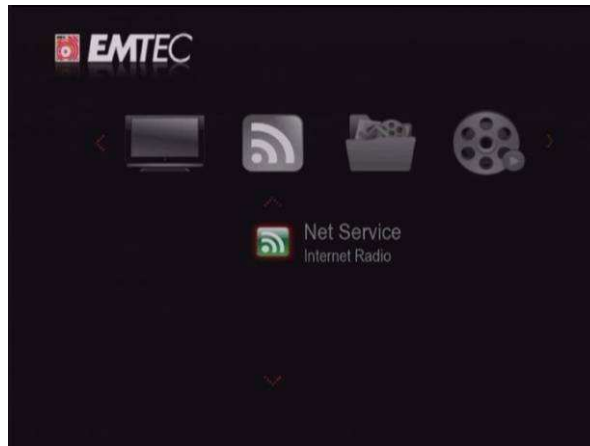
Button	Function
PLAY / PAUSE	Pause and resume the playback.
FR / FF	Fast rewind or fast forward. Press repeatedly to select the speed.
PREV / NEXT	Press to move to the previous/next chapter.
SEARCH	Display playback search menu.

LEFT/RIGHT	Display the time information bar, then use the left/right button to the point you want to skip to, press enter button to playback.
ZOOM	Press to zoom the image.
AUDIO	Select an audio track while watching DVD with multiple audio tracks.
SUBTITLE	Set subtitle options.
EJECT	Press to eject or close DVD loader.
OPTION	Press to go back to navigation menu.

3.6 Net Service

3.6.1 Internet Radio

This player integrates the SHOUTcast free Internet radio function. Select the **Net Service** icon and press UP/DOWN to enter into internet radio.



Note:

- Make sure the player is connected properly to a LAN or WLAN with Internet access, please refer to '**3.1.6 Changing Network Settings**' for more details;
- When you enter the Digital Radio menu at the first time, it will take several seconds to download data from the Internet, please be patient to wait;
- For more info about SHOUTcast, please refer to the website: www.shoutcast.com

The following buttons can be used under this menu.

Button	Function
UP / DOWN	Move cursor up / down to select station, channel, and genre.
PREV / NEXT	Page up / down.
ENTER	Confirm and enter the selected menu.
OPTION	Add / delete a station to / from Favorite while it is highlighted.
PLAY	Begin playback after a channel has been selected.
STOP	Stop playback.
RETURN	Return to the previous menu.

Station

- All downloaded stations will be listed under this menu.

Genre

- You can search for stations by genre (pop, rock, jazz, etc.) under this menu.

Favorite

- Your favorite stations can be kept under this menu.

3.6.2 IMS (Internet Multimedia Service) Menu

This feature is additional function. All contents and services under this feature are provided by third-party service providers, EMTEC does not offer any contents and services of this feature and it not responsible for any contents and services provided under this feature. EMTEC is not responsible for any operational stability of the contents and services, for example, if you cannot access certain web site for video streaming or news broadcast, or the content of a web site has been changed etc, all this is under the responsibility and control of the third-party service providers. If you find that these features cannot operate properly, please contact our customer service.

Note:

- Make sure the player is connected properly to a LAN or WLAN with Internet access, please refer to '**3.1.6 Changing Network Settings**' for more details.

3.7 Help Function

In this menu, you can get helpful information about this product and answers about frequently asked questions (FAQ).



3.8 DTV Menu (* D850H)



In this menu, you can watch and record Digital Terrestrial TV programs, or have the time shift function. To enter the DVB-T TV mode, select the **DTV** icon on the main menu.

3.8.1 Watch DVB-T

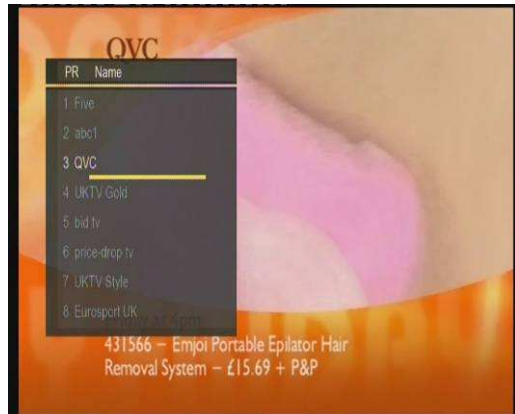
The following are some functional buttons on the remote control available when watching Digital TV programs.

Name	Function
OK	Press to view the program list menu.
up / down	Press to switch channels. (Channels cannot be switched in the recording mode.)
numeric buttons	Press to input channel numbers. Press the enter button to confirm.
record	Press to start recording the current TV program.
time shift	Press to activate the time shift function.
subtitle	Press to activate the subtitle list menu if available.
green	Press to activate the EPG menu if available.
yellow	Press to activate the Teletext menu if available.
zoom	Press to zoom out the image.

3.8.1.1 Watching DVB-T Programs

Program List Menu

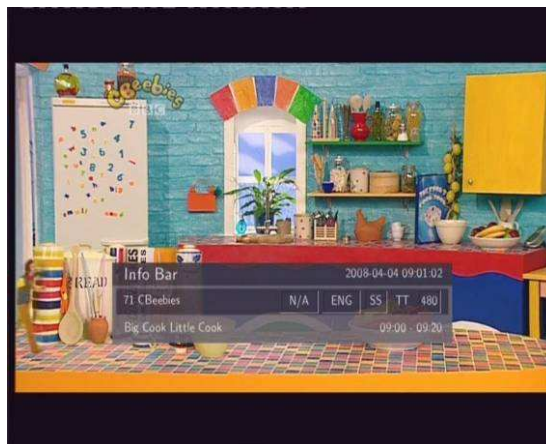
- Press the **enter** button when watching DVB-T TV programs, and the program list menu where you can see the program number and name will be displayed.



- Press the **up / down** button to select channels, and press the **enter** button to confirm.

Info Bar

- While switching channels by the **up / down** button, an info bar will be displayed to show the channel information.



There're 4 strings displayed on the bar. Taking the info bar in the above photo for example:

N/A – Stands for TV rating;

ENG – Stands for the voice language;

SS – Stands for subtitle;

TT – Stands for Teletext;

480 – Stands for resolution (SD - Standard Definition, HD – High Definition).

When the string looks concave, the option will be available.

Electronic Programming Guide

- Press the **Green** button when watching DVB-T TV programs, the Electronic Programming Guide will be displayed.



- Press the **prev** / **next** button to change channels. Press the **left** / **right** button to change date.
- Press the **up** / **down** button to change program. Press the **Red** button to add / delete scheduled recording

Teletext Menu

- If the broadcasted stream supports Teletext, press the **TTX** button to enter the Teletext menu.



- Press the **navigational** and **numeric** buttons to view the content in the Teletext menu.

Subtitle List Menu

- Press the **subtitle** button when watching DVB-T TV programs, the Subtitle List menu will be displayed.



- Press the **up** / **down** button to select the subtitle, and press the **enter** button to confirm.

3.8.1.2 DVB-T Program Recording

Press the **REC** button to start the recording: recorded files are automatically stored in a folder named REC by default.



D850H:

This product allows you to watch other programs while a recording is running. When a recording is running, press the **ENTER** button: you can access the program list and then use the **UP/DOWN** buttons to select the channel.

3.8.1.3 Time shifting

Time shift function allows you to pause live TV and resume the program from the point you left it. While paused, the program is recorded on the internal HDD as long as the space is available. Press the **TIME SHIFT** button to activate the time shift function. Press the **PLAY** button to resume the program. Time shift mode remains active until you press the **STOP** button.



3.8.2 AV INPUT Menu

In this menu, you can watch and record audio-visual signal from the A/V IN jack on the rear panel of the unit, or have the time shift function.

Select the **A/V Input** icon on the main interface to enter this menu.

Name	Function
record	Press to start recording the current TV program.
time shift	Press to activate the time shift function.
zoom	Press to zoom out the image.

3.8.3 Schedule Recording Menu

The **Schedule Recording** menu allows you to create, edit and delete recording schedules and view all schedule status and history.

Create a New Schedule

- Press the **left / right** button on the remote control to select the **Edit** tab from the menu bar. Select **Add a New Schedule** and press the **enter** button. The schedule setting screen appears.

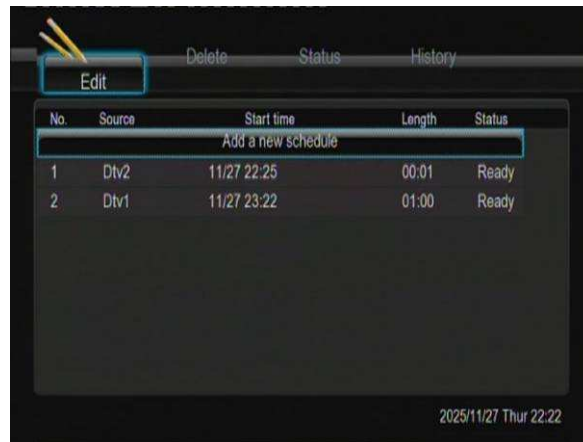


Use the **left / right** button on the remote control to move between fields and press the **up / down** button to adjust each setting.

Source	Select the video source or TV channels for the recording.
Start Time	Enter the date and time of the recording.
Length	Enter the length of the recording
Repeat	Select how often you want the schedule to record. Choose from Once, Everyday, Mon-Fri, Mon-Sat or for an individual day of the week.
Quality	Select the recording quality (only with source AV/IN). Choose from HQ, SLP, EP, LP and SP. The higher the quality, the more space required on the hard drive. See HDD Free Space on the left of the screen for details of how long you can record for using each setting.
Preview	This small preview window will show the current program of the selected channel.

Editing Schedule

- Press the **left / right** button on the remote control to select the **Edit** tab from the menu bar.

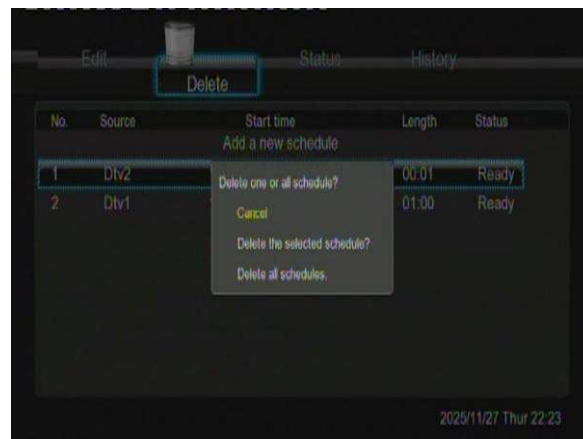


Select the schedule you want to edit from the list and press the **enter** button. The schedule setting screen appears. Modify the schedule as described in '**3.8.3 Creating a New Schedule**'.

Delete Schedule

- Press the **left / right** button on the remote control to select the **Delete** tab from the menu bar.

Select the schedule you want to delete and press the **enter** button. A confirmation message appears.

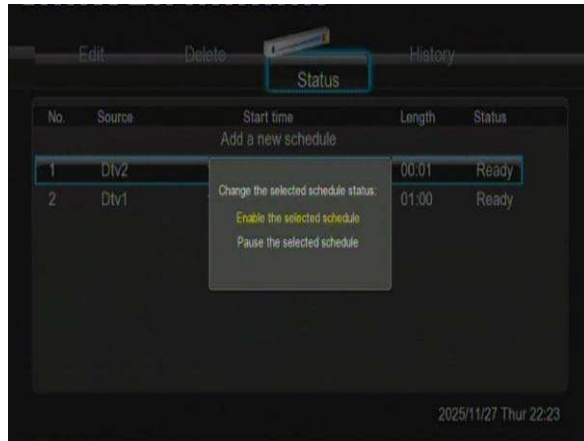


- Select **CANCEL**, **Delete the selected schedule**, or **Delete all schedules**. Press the **enter** button to confirm.

Viewing Schedule Status

- Press the **left / right** button on the remote control to select the **Status** tab from the menu bar.

The schedule list is displayed. Select a schedule and press the **enter** button.

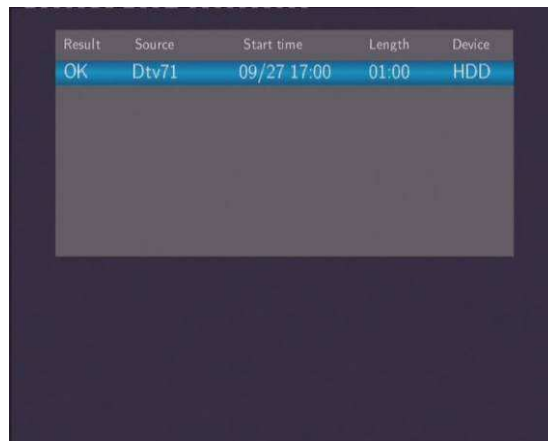


- Select **Enable the selected schedule** or **Pause the selected schedule**. Press the **enter** button to confirm.

Viewing Recording History

- Press the **left / right** button on the remote control to select the **History** tab from the menu bar.

Here you can view a complete history of all recordings that were set.



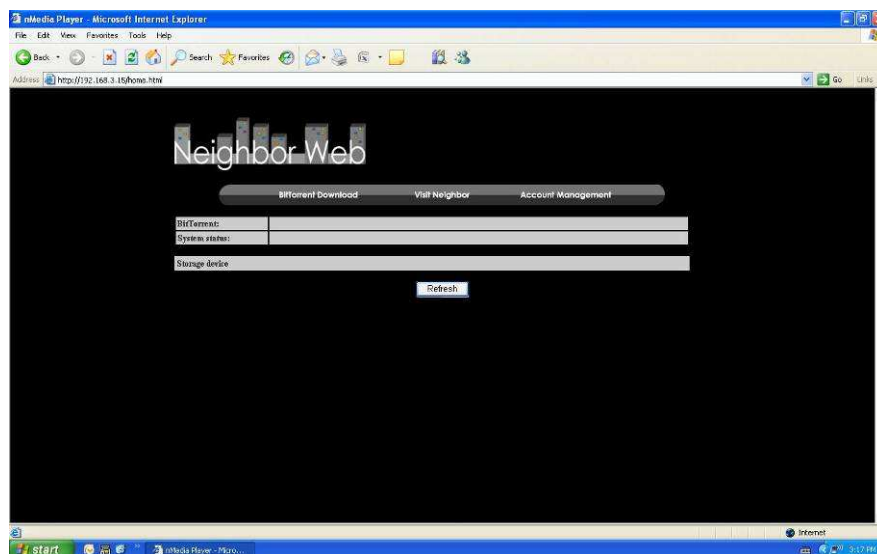
4. Web Server & BitTorrent

4.1 Web Server (unicgi)

A Web server called 'Neighbor Web' has been integrated into the player.

- Connect the player to your home network (LAN or WLAN).
- Get the IP address of the player under **SETUP** -> **NETWORK** menu.
- Type the IP address (e.g., 192.168.3.15) in the address bar of Internet Explore on your PC.

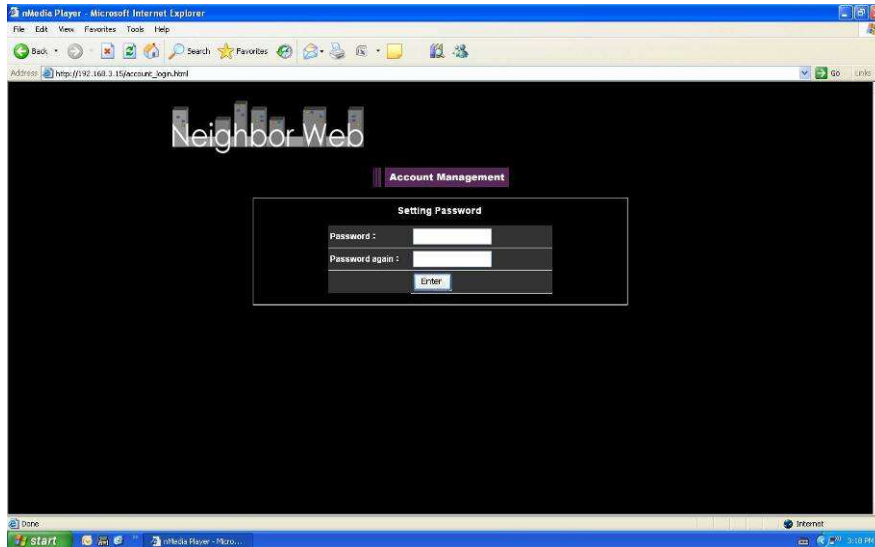
Then you can access the Web server on your PC.



Note: Please refer to **Extension Info** in chapter '3.1.7 Changing System Settings', and make sure all related packages 'btpd', 'samba', and 'unicgi' are installed and run properly in advance.

4.2 Account Management

- Click **Account Management** on the home page of Neighbor Web.



- This page allows you to set a password for accessing Neighbor Web.

Note:

- Password will become effective when Login Control is turned on. (Please refer to **Login Control** in chapter '**3.1.7 Changing System Settings**' for more details)
- The default user name is 'admin', and the default password is '123'.
- When login control is turned off, and then turned on again, the password will be restored to default.
- When login control is turned off, this menu is not able to be accessed.

4.3 Visit Neighbor (samba)

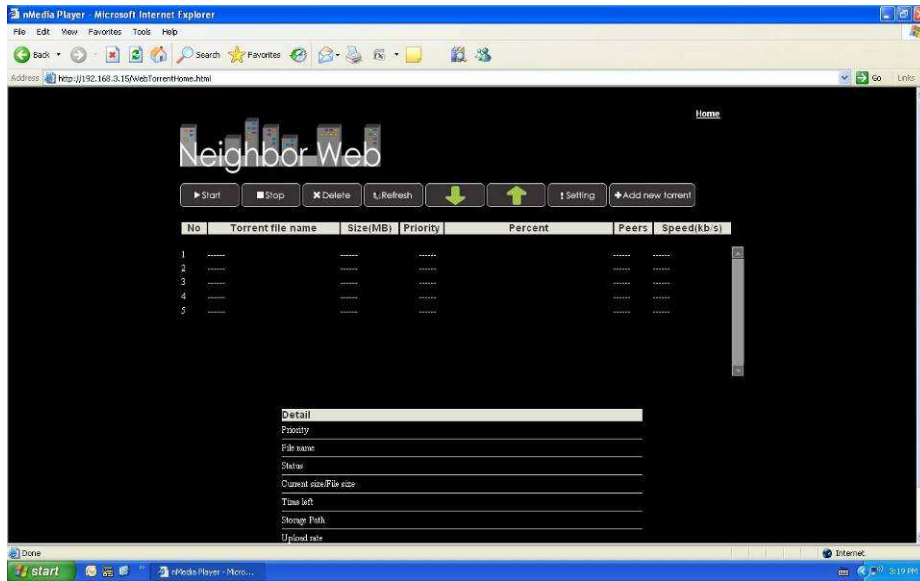
- Click **Visit Neighbor** on the home page of Neighbor Web.
- Then you will be able to browse, edit, and copy files to / from the local HDD of the player.

4.4 BitTorrent Download (btpd)

BitTorrent is a peer-to-peer file sharing protocol used for distributing large amounts of data on the Internet. A BitTorrent utility (btpd – BitTorrent Protocol Daemon) has been integrated into the player (Please refer to **Extension Info** in chapter '**3.1.7 Changing System Settings**' for more details about installing and uninstalling btpd).

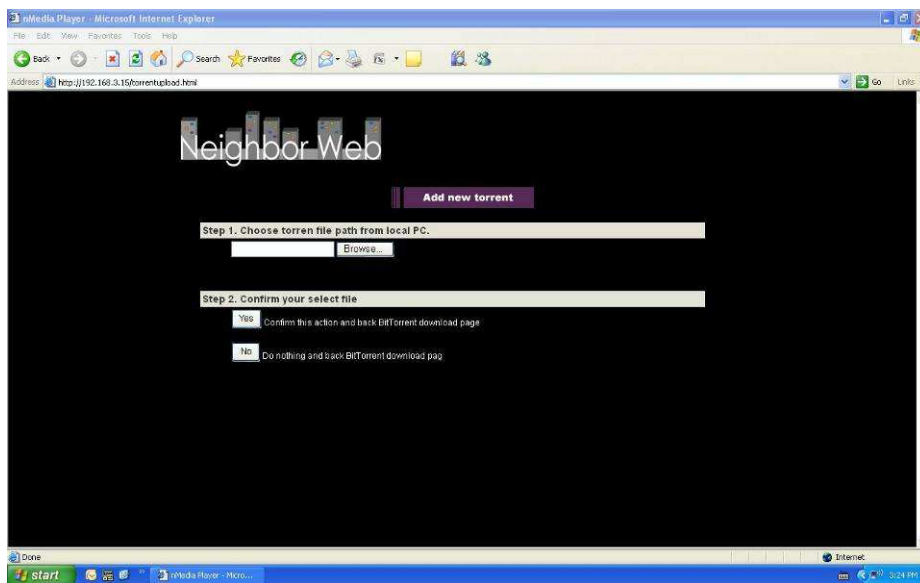
The BitTorrent client btpd is running in daemon (a process running in the background) mode and you can manipulate the process via the Web server.

- Click **BitTorrent Download** on the home page of Neighbor Web, then you will enter the BitTorrent Download page.



4.4.1 Add new torrent

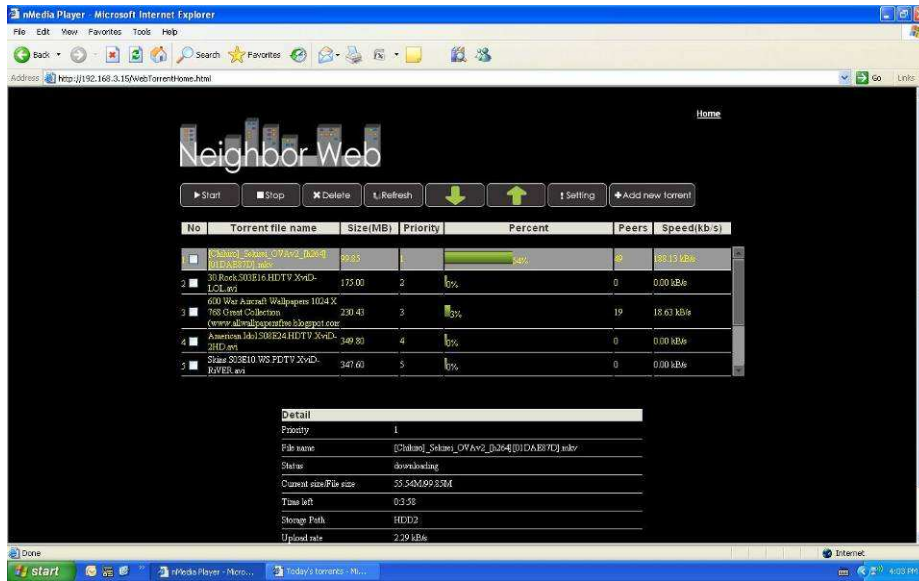
- Click **Add new torrent** on the BitTorrent Download page.



- Click **Browse** to upload a torrent file, and click **Yes** to confirm.

4.4.2 Managing the downloads

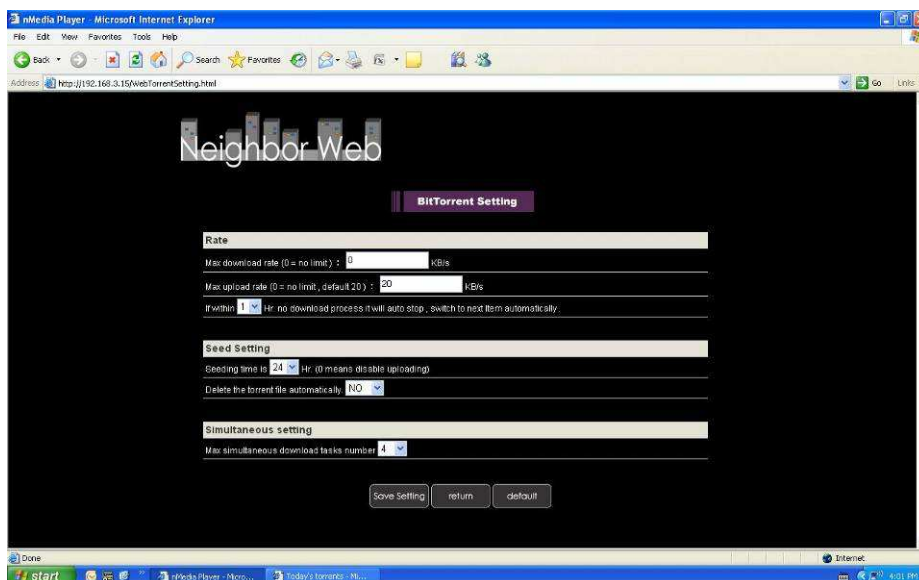
The BitTorrent Download page also allows you to start, stop, delete torrents, and set priorities for torrents, as well as view the status of current torrents.



- Click **Start** to begin download.
- Click **Stop** to stop download.
- Click **Delete** to delete the selected torrent.
- Click **Refresh** to refresh the current status.
- Click **Down** arrow to decrease the priority for the selected torrent.
- Click **Up** arrow to increase the priority for the selected torrent.

4.4.3 Settings

- Click **Setting** on the BitTorrent Download page to enter the BitTorrent Setting page.



In the BitTorrent Setting page, you can configure the following settings.

















- Set the maximum download rate.
- Set the maximum upload rate.



- Set the idle hours to start the next download automatically.
- Set the seeding hours.
- Set to delete the finished torrent files automatically or not.
- Set the maximum number of simultaneous download tasks.

5. Media Library

Thanks to a powerful search engine, the library menu allows you to search and browse multimedia files stored on an internal HDD or external USB HOST device in most easy ways.

Media Library Categories

Media Type	Icon	Category	Description
Music		All Music	Select to list all the music files in the library
		Artist	Select to search for music files by artist
		Genre	Select to search for music files by genre
		Album	Select to search for music files by album
		Date	Select to search for music files by creation or modified date
		Folder	Select to search for music files in file folder
		Recent	Select to search for music files that have been played recently
		Playlist	Select to search for music files by playlist
Photo		All Photo	Select to list all the photo files in the library
		Date	Select to search for photo files by creation or modified date
		Folder	Select to search for photo files in file folder
		Recent	Select to search for photo files that have been played recently
		Playlist	Select to search for photo files by playlist
Movie		All Movies	Select to list all the movie files in the library
		Date	Select to search for movie files by creation or modified date
		Folder	Select to search for movie files in file folder

		Recent	Select to search for movie files that have been played recently
		Playlist	Select to search for movie files by playlist

6. Upgrading the Firmware

The firmware is the operating system (OS) installed on the device. Firmware upgrades can bring new features, improvements and bug fixes.

Please refer to **System Update** in chapter '**3.1.7 Changing System Settings**' for more details.

7. Appendixes

7.1 Specifications

I/O INTERFACES SUPPORTED:

- 3.5" SATA HDD
 - USB 2.0 HOST port x 3 (compatible to USB 1.1)
 - USB DEVICE Port
 - Supports SD/SDHC/MMC/MS Card
 - Composite (CVBS) A/V jack
 - AV IN jack
 - Component Y/Pb/Pr jack
 - SCART - TV socket
 - HDMI V1.3 interface
 - S/PDIF optical and coaxial jack
 - ANT. / RF IN and OUT socket (D850H)
 - DC-IN 12V
-

FILE SYSTEM SUPPORTED:

- FAT32/NTFS
-

CONTENT FORMATS SUPPORTED:

- AVI/MKV/TS/MPG/MP4/MOV/VOB/ISO/IFO/DAT/WMV/RM/RMVB, resolution up to 720p/1080i/1080p
 - MP3/OGG/WMA/WAV/FLAC
 - HD JPEG/BMP
-

VIDEO CODECS SUPPORTED:

- MPEG-1
 - HD MPEG-2
 - HD MPEG-4 SP/ASP/AVC(H.264)
 - WMV9(VC-1)
 - RealNetworks (RM/RMVB) 8/9/10, up to 720p
-

AUDIO CODECS SUPPORTED:

- MP2/3, OGG Vorbis, WMA Standard (DRM, and Advanced Profile not supported), PCM, LPCM, RA
-

VIDEO RECORDING FORMAT

- DTV Recording: TS
 - AV IN Recording: MPG (MPEG2,MP2)
-

SUBTITLE FORMATS SUPPORTED:

- SRT, SMI, SSA,SUB, IDX+SUB
-

DVD LOADER:

Mini BD, AVCHD, DVD, VCD, CD

NETWORK FEATURES

- 10/100Mbps Auto-Negotiation Ethernet
 - 802.11b/g/n WLAN, up to 300Mbps (supported by optional WLAN USB Adapter)
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Note: The specifications and design of this product are subject to change without notice.

7.2 Frequently Asked Questions

Question 1. When I try to disconnect the USB device, I keep on getting “The device ‘Generic volume’ cannot be stopped right now. Try stopping the device again later.” message, what should I do?

Answer:

Close any program that might be accessing data on the player, including Windows® Explorer. If it does not work, close all programs and wait for another 20 seconds, then try the green arrow icon again. If it still does not work, you should shut down the player and disconnect the USB cable.

Question 2. I find new file names and folder names that I never created before or they have strange gibberish names.

Answer:

Most likely, the player’s file allocation table (FAT) has been corrupted. This might be due to the player shutting down (due to low battery power) while reading or writing to your computer by the USB connection. Windows and Macintosh often write extra files to the hard disk such as finder.def or System volume info. These are normal and will not do any harm to the player.

Question 3. I used my player to transfer files back and forth between different computers. Will defragmenting the player hard disk do any harm to it?

Answer:

Defragmenting the player hard disk may be useful after having transferred many files to and from the player. It is never harmful to use the defragment on the player. Make sure no other programs are running while using the Windows® defragment utility. Make sure you have connected the player with the external power adapter during this procedure.

Question 4. My files have disappeared from the player.

Answer:

Make sure that you browse your files via the correct browser mode which means correct filtered views such as Photos, Music, or Movies.

Question 5. During power on, why does the TV will have a short flashing, blue screen or screensaver?

Answer:

This is normal, when the system initializes, it will setup the corresponding parameters so it can output the correct video signal to the TV, during the initializing time, the TV will receive incorrect signals or the signals will not be stable and will cause the TV screen to flash, some TV's will treat this as no signal, and will display a blue screen or screensaver.

Question 6. Why when I switch to Y/Pb/Pr 480p, 576p, 720p, 1080i, and 1080p, does the TV screen display an unwatchable picture?

Answer:

Please check if your TV supports Y/Pb/Pr 480p, 576p, 720p, 1080i, and 1080p output, if your TV does not support, please use the A/V signal display instead, press the TV SYSTEM button on the remote control, then switch the TV's video input to NTSC or PAL.

Question 7. Why is there no sound on movie or music playback when using Y/Pb/Pr component output?

Answer:

Y/Pb/Pr output is a video output only, and does not include sound signals. When using Y/Pb/Pr output, please plug the A/V OUT or the S/PDIF jack to output sound.

Question 8. I cannot get SSID name, the screen always displays: 'Can't get any SSID!!'

Answer:

When the WLAN USB Adapter is connected to the player, it needs some time to get initialized. Please wait for about 1~2 minutes and try refreshing the SSID list again.

Question 9. I cannot see files shared on my computer via Browser->Network menu.

Answer:

Please check following items:

- 1) Connect the player to network and obtain an IP address first;
- 2) Please enable NetBIOS or TCP/IP on computer;
- 3) Please check your PC's firewall settings;
- 4) Please enable your PC's 'Guest' account;
- 5) Please share the folders which you wish to browse on your PC, and make sure that 'Everyone' or 'Guest' has the right to access.

Question 10. I configured everything correctly, but still cannot get the wireless network or UPnP function to work.

Answer:

Are you using a firewall such as Norton Internet Security, McAfee Personal Firewall, Zone Alarm, etc. or even the built-in firewall of Windows XP? (Don't forget that Service Pack 2 for Windows XP automatically upgrades your firewall and turn it on by default)

If you have a firewall, it may need to be configured or have exceptions created to allow you to see and communicate with the player on the network. To test if your firewall is preventing network communication (including PING and access shared folders), try disabling it to see if you can connect. If you can connect with the firewall disabled, you may need to add the player to the 'Trusted' list or configure the firewall for local intranet access. Worst-case, disable your firewall long enough to use the player, then enable it again when done.

Question 11. I am using the 802.11n Wi-Fi dongle with an 802.11n wireless router, why the speed is still 802.11g 54Mbps rather than 300Mbps?

Answer:

The IEEE 802.11n Draft standard prohibits using high throughput with WEP or TKIP as the unicast cipher. If you use these encryption methods (e.g. WEP, WPA-TKIP), your data rate will drop to 54 Mbps. You may contact the Access Point or router manufacturer to download the latest firmware, or try other encryption methods (WPA2-AES or WPA2-TKIP), or choose to configure an unsecured profile, but this option is not recommended.

Question12. Why couldn't the player find the hard disc?

Answer:

Make sure the firmware is installed correctly, and no system partitions on the HDD were deleted. If hard disc failure occurs, please backup your data and reinstall the firmware.

Question13. Some functions like recording, time shift etc. do not work. What should I do?

Answer:

If you find some functions do not work properly on the player, please change system settings to the default (Refer to 3.1.7 for changing system settings).

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