

ENGLISH

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1. Introduction

1.1 Preface

Thank you very much for purchasing the FANTEC 3DS4600 media player. We hope you will enjoy using it as a great home entertainment partner. This player has the following functionality.

A/V Output

- HDMI 1.4 for high-definition video and digital audio
- Composite video and stereo audio for analog audio-visual connection
- coaxial interface for high-fidelity digital audio
- Adjustable video output resolution (NTSC, PAL, 480p, 576p, 720p, 1080i, 1080p, 1080p/24p)

Movie Playback

- Movie format: AVI, VOB, MKV, MOV, MP4, MPG, TS, WMV, DAT, IFO, RM, RMVB, ISO (DVD & BluRay), AVCHD, MTS, M2TS, M4V, ASF, FLV, XviD, DVD menu playback, H.264, resolution up to 720p/1080i/1080p
- 3D format: 3D Frame Packing (3D BD), 3D MVC (Multiview Video Coding), 3D SbS (Side by Side) 3D TaB (Top and Bottom)
- Supports major audio formats (1080p HD video decoding)
- Fast forward/rewind
- View subtitle
- Subtitle control: color/offset/size
- SRT, SMI, SSA, SUB, IDX+SUB

Music Playback

- Music format: MP3, OGG, WMA, WAV, FLAC
- Audio Codecs: MP2/3, OGG Vorbis, WMA Standard (DRM, and Advanced Profile not supported), PCM, LPCM, RA, DTS, Dolby Digital
- Fast forward/rewind
- Shuffle
- Repeat

Photo Playback

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

Network Feature

- A/V streaming/transmission via Ethernet (10M/100M/1000M) & Wi-Fi (802.11b/g/n, optional)
- File sharing via Samba server
- FTP Server
- A/V streaming via UPnP Media Server
- BitTorrent download
- Internet Radio (Please visit www.shoutcast.com for available stations)

File Copy

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

USB 3.0 & USB 2.0 Support, eSATA, Card Reader

- USB 3.0 HOST port (for USB storage devices),for connection of an USB DVD drive, an USB Y-cable is recommended
- USB HOST port x 2 (for USB storage devices),for connection of an USB DVD drive, an USB Y-cable is recommended
- eSATA Host for connection of an eSATA HDD
- Card Reader for SD, SDHC, MMC, MS, MS Pro

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.

1.2 Packing List

Part	Quantity
Player	1
Remote Control	1
Remote Control Battery	2
AC/DC adaptor	1
Quick start guide	1
Warranty card	1

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

1.3 Cautions

The FANTEC 3DS4600 design and manufacture has your safety in mind. In order to safely and effectively use this player, please read the following before usage.

1.3.1 Usage Cautions

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

1.3.2 Power

The player's power voltage: DC 5V.

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.

1.3.3 Radio Interference

- 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.

1.3.4 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.

1.3.5 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.

1.3.6 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.

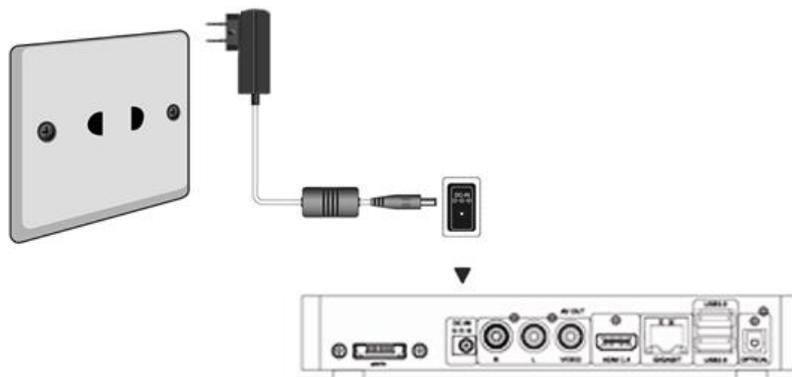
Avoid hitting the player with hard object, avoid shaking the player, and stay away from magnetic fields.

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.

1.4 Connection

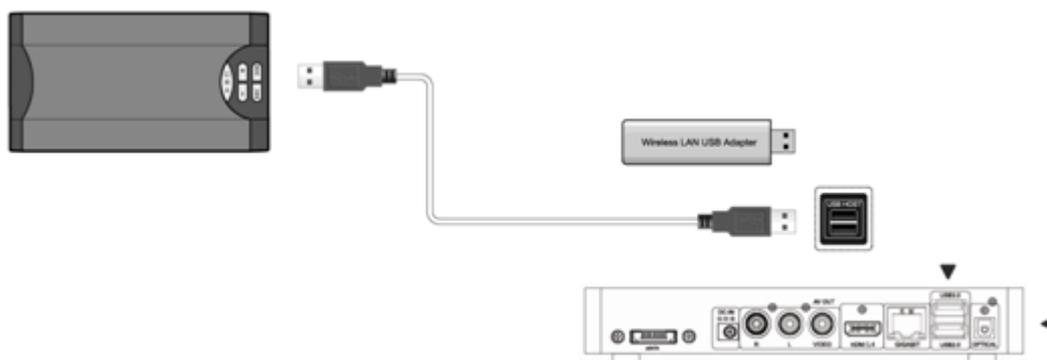
1.4.1 Connecting the Power Supply

- (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.



1.4.2 Connecting a USB Device

- (1) Make sure the player is powered on;
- (2) Plug in the USB stick, USB DVD or USB HDD etc. to the USB HOST port of this player.



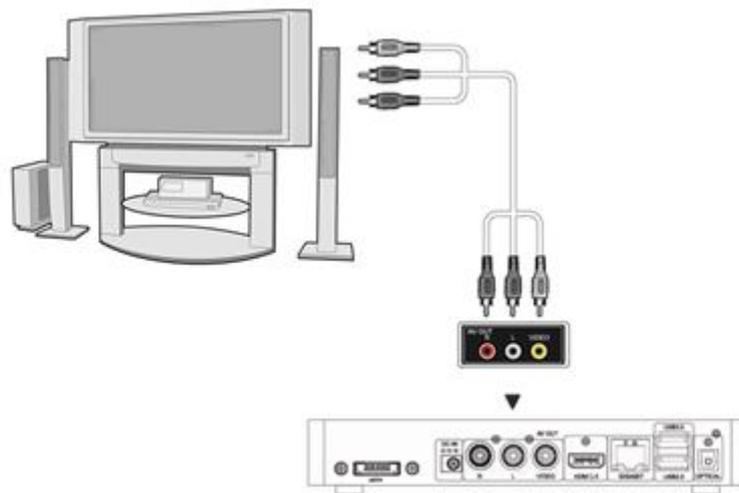
In this way, you can browse contents on the USB device.

1.4.3 Connecting to a TV

1.4.3.1 A/V 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.

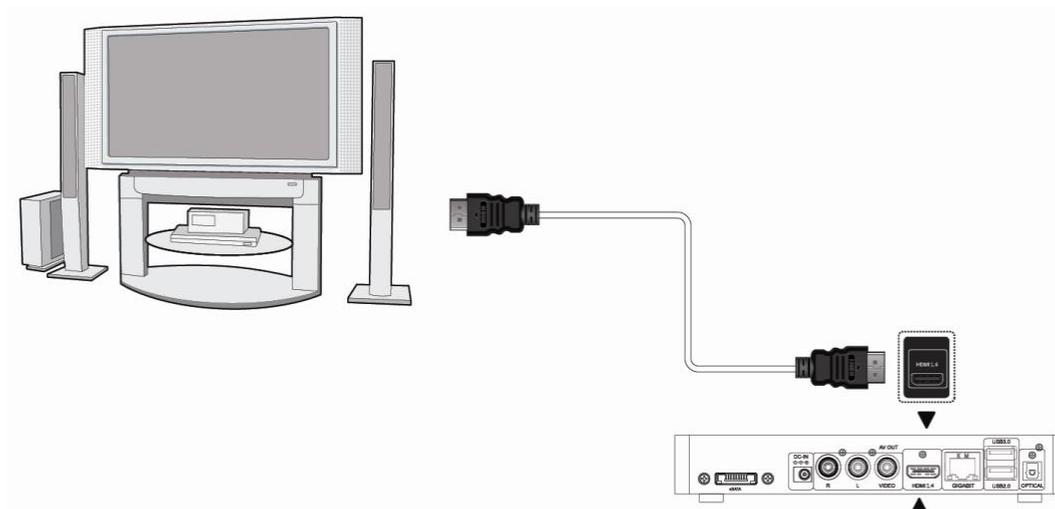
In this way, you can enjoy the content in the player on TV or other display devices.



1.4.3.2 HDMI OUT

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

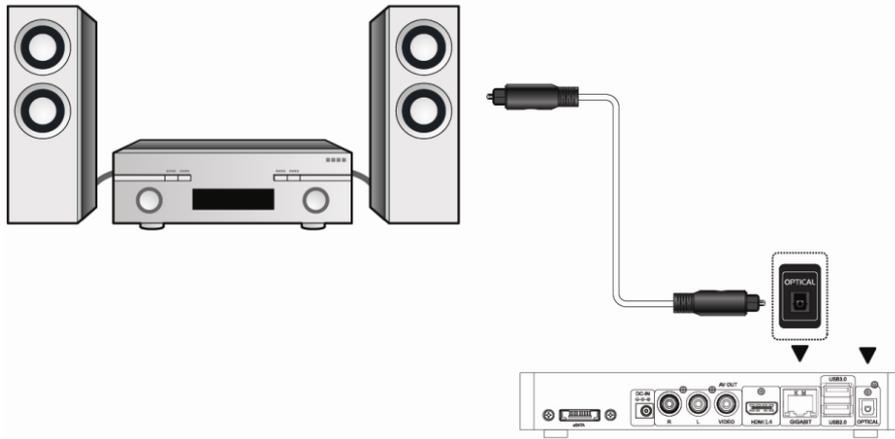
Note: The HDMI cable is an optional accessory sold separately.



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

1.4.4 Connecting to an Digital Amplifier

- (1) Follow the picture and plug in the Toslink connector of your optical fiber to the player's S/PDIF optical jack;
- (2) Follow the picture and plug in the other connector on your optical fiber to the digital audio device (digital amplifier or decoder).



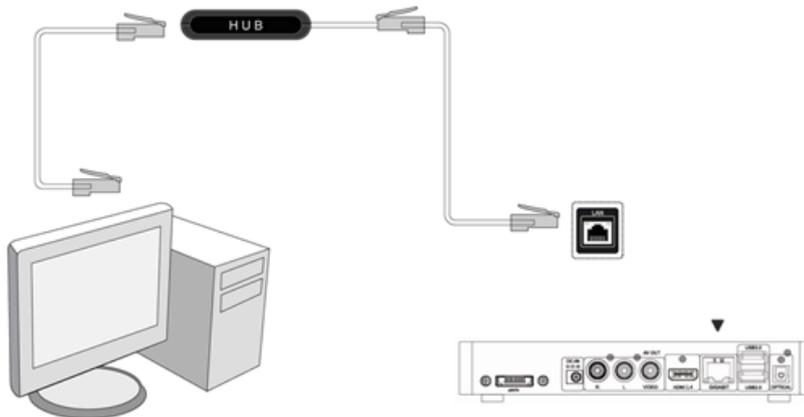
Note: Optical fiber cable is not supplied.

In this way, you can enjoy powerful Dolby Digital/ Dolby Digital Plus/ Dolby Digital 5.1 & 7.1 / DTS 5.1 & 7.1 or MPEG sound. DTS-HD sound is transferred via HDMI cable and an amplifier with HDMI interface is needed. (Please refer to '**3.1.2 Changing Audio Settings**' for configuration)

1.4.5 Connecting to a network

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.



1.4.6 Connecting to a wireless network

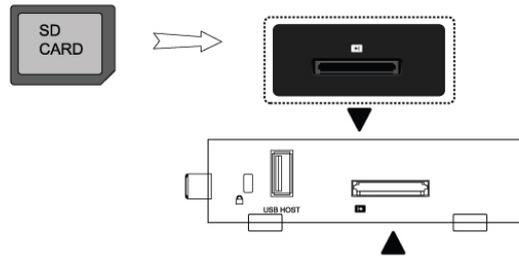
- (1) Make sure the player is powered on;
- (2) Plug the Wireless LAN USB Adapter (i.e. Wi-Fi USB Dongle) to the USB HOST port of the player.

Note: The Wi-Fi Dongle is an optional accessory sold separately. (Please refer to '**3.1.4 Changing Network Settings**' for more details about wireless setup)

1.4.7 Connecting a Memory Card

Memory card can be used by inserting to the card slot

- (1) Follow the picture to insert the memory card to the card slot properly;
- (2) Insert the card by following the arrow pointer in the picture.



In this way, you can browse contents on the memory card.

1.5 View

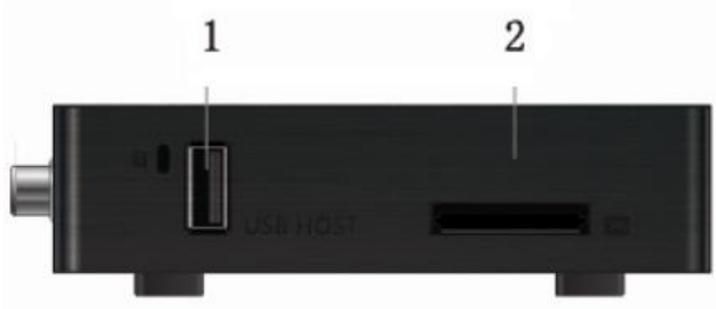
Front Panel



1. Power button
- Power indicator

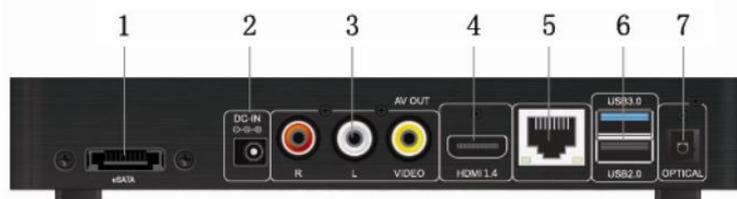
Mode	Status
Working	Blue
Standby	Red

Side Panel



1. USB 2.0 HOST port
2. Memory Card slot

Back Panel

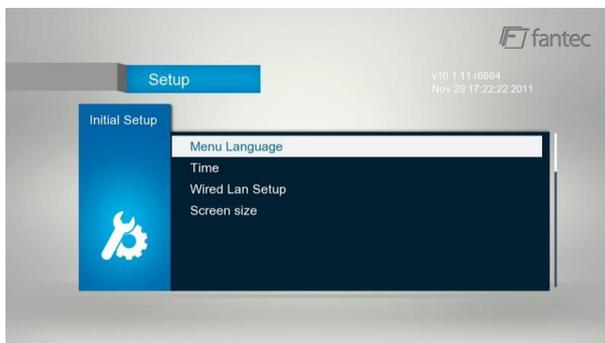


1. eSATA slot
2. Power input
3. A/V OUT jack
4. HDMI 1.4 jack
5. Gigabit LAN socket
6. USB 3.0 HOST port
USB 2.0 HOST port
7. S/PDIF Optical jack

1.6 First steps

At the time if you connect the player to the TV, you can make following settings:
Menu Language, Time, Wired Lan Setup and Screen Size

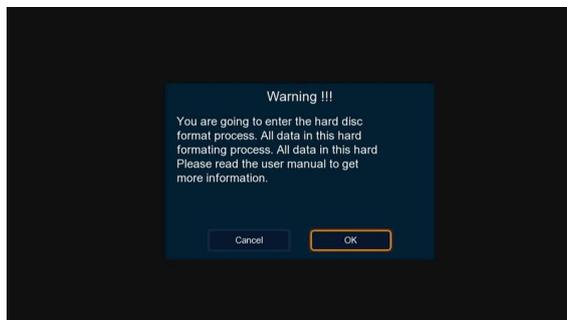
Note: You can adjust these settings any time, in under the setup menu.



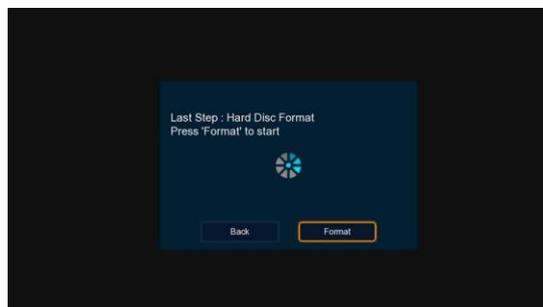
1.7 HDD Format

When an eSATA HDD is connected to the player, you have to format the hard disk. Please refer to the following procedures to format the hard disk.

- Step 1: Go in the Setup menu under System can you format the HDD.
- Step 2 Select the HDD and on the **Warning** page, press **OK** to confirm.



- Step 3: Select **Format**, press **OK**, 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. About the Player

2.1 Remote Control

All procedures in this manual can be carried out using the remote control buttons.

See the following for details on each button and its function:

	1. Power	2. Numeric buttons
	3. Shuffle	4. VOL-
	5. Mute	6. Menu
	7. Home	8. Navigational buttons
	9. OK	10. Stop
	11. Play/Pause	12. FR
	13. FF	14. Red
	15. Green	16. Setup
	17. TV SYS.	18. GOTO
	19. Slow	20. Browser
	21. Edit	22. Copy
	23. A-B	24. Angle
	25. Zoom	26. Audio
	27. Subtitle	28. Yellow
	29. Blue	30. Prev
	31. Next	32. Info
	33. Back	34. VOL+
	35. Repeat	36. Eject

No.	Button	Function
1	Power	Press to enter standby mode or wake up.
2	Numeric buttons	Press to enter channel numbers or numeric input when changing settings.
3	Shuffle	Press to select shuffle mode during music playback.
4	VOL-	Press to decrease the volume.
5	Mute	Press to mute audio output, and press again to resume.
6	Menu	Press to enable the option menu, where you can change the review mode of file manager and media library; Press to display or hide the option menu during playback.
7	Home	Press to enter the home screen.
8	Navigational buttons	Press the arrow buttons to select menu options, and the OK button to confirm.
9	OK	Press OK button to confirm.
10	Stop	Press to stop playback.
11	Play/ Pause	Press to begin/pause playback.
12	FR	Press to fast rewind the current playback. Press repeatedly to select speeds
13	FF	Press to fast forward the current playback. Press repeatedly to select speeds.
14	Red	Function is available in virtual keyboard.
15	Green	Function is available in virtual keyboard.
16	Setup	Press to enter the setup menu.
17	TV SYS.	Press to switch between NTSC, PAL, 480P, 576P, 720P, 1080I, and 1080P.
18	GOTO	Press to jump to a specific point on a title. Specify the point using Title, Chapter and Time.
19	Slow	Press to play back in slow motion. Press the PLAY button to resume regular playback.
20	Browser	Press to enter file manager.
21	Edit	Press to enter file editing menu in file manager. Press to enter file selecting menu in media library.
22	Copy	Press to enter file selecting menu.
23	A-B	Press to set the beginning and end points of a section to repeat.
24	Angle	Press to change the view angle during DVD (with multi-angle) playback.
25	Zoom	Press to zoom the image (photo or video).
26	Audio	Press to select an audio track.
27	Subtitle	Press to set subtitle options. You can change the color/size/offset/text encoding of subtitle.
28	Yellow	Reserved button. No function has been assigned to it yet.
29	Blue	Reserved button. No function has been assigned to it yet.
30	Prev	Press to view the previous file / page up.
31	Next	Press to view the next file / page down.
32	Info	Press to display current status. Press during playback, an onscreen display appears showing track number and time elapsed/remaining.
33	Back	Press to return to the previous screen while navigating menus.
34	VOL+	Press to increase the volume.
35	Repeat	Press to set repeat option.
36	Eject	Press to safely remove the USB device.

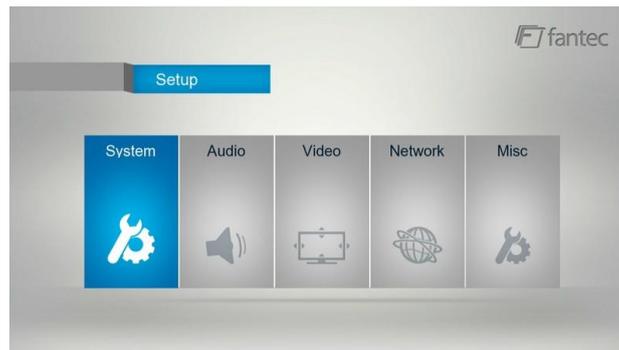
3. Main Functions

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

3.1 Setup Menu

To select a Setup option:

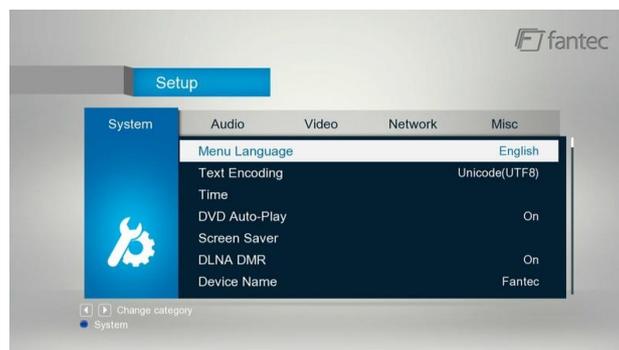
- Select the Setup icon on the home screen, or press SETUP menu on the remote control.
- Use the **UP/DOWN** navigational buttons to select an option, and then press **OK**.



There are five Setup options, including **System**, **Audio**, **Video**, **Network** and **MISC**. Use the **UP/DOWN** navigational buttons to select a menu. Press **OK** to confirm. Press **Back** to cancel and display the previous menu screen.

3.1.1 Changing System Settings

Use this menu to configure system settings.



Menu Language

- Select to choose the OSD (On-Screen Display) language. (English, Spanish, French, German, Italian, Korean, Dutch, Russian, Polish, Chinese, Czech, Slovenian, Romanian, Portuguese, Hebrew, Magyar, Slovakian, Greek, Japanese)

Text Encoding

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

Time

- Select to set the time zone

DVD Auto-Play

- Select to turn on / off DVD Auto Play.

Screen Saver

- Select to turn on / off screen saver.

DLNA DMR

- Digital Media Renderer, can play content received from a **digital media controller (DMC)**, which will find content from a **digital media server (DMS)**

Device Name

- Select to key in your desired device name to be seen in your network

Scan storage

- Select to set the scan mode of media library and keep media library up to date.

Resume Play

- Select to turn on / off Resume Play.

Format

- Select to format your HDD (connected through eSATA)

BD-Lite Menu

- Here you can open the BDMV navigation menu during BDMV folder or BD ISO playback. And BD-J is not supported.

Seamless Playback

- Select to turn on / off Seamless Playback

Auto Standby

- Select to turn on / off Auto Standby.

Default Wallpaper

- Restore to factory the background picture of main menu.
- To use your preferred wallpaper,-select a picture of your choice, press **Menu** button and then option "Set as Wallpaper". Resolution recommend: 1280x720 or 1920x1080

Default Font

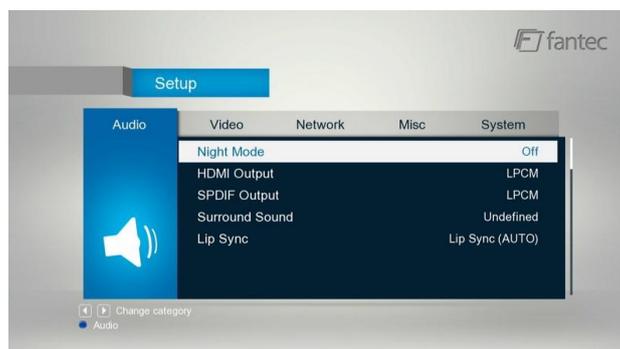
- Restore to factory font of the menu.
- To use your preferred front, create a folder named "Resource" in the root directory of your USB or HDD drive, rename your font into 'font.ttf 'copy it to the folder and then open it in order to change to system font.

Restore Default

- Select to restore factory defaults.

3.1.2 Changing Audio Settings

Use this menu to configure audio settings



Night Mode

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

HDMI Output

- Choose among **LPCM, RAW** and **Auto**.

SPDIF Output

- Choose among **LPCM** and **RAW**.

Surround Sound

- Choose among **undefined, 5,1 Channel** and **HD Audio**.

Lip Sync

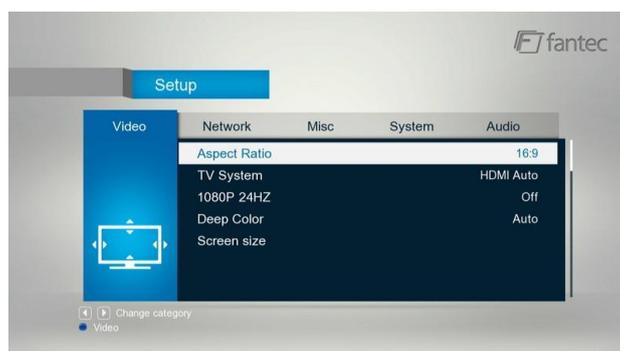
- Choose among **Lip Sync Auto, Lip Sync Manual** and **off**

Note: In raw mode, Dolby Digital Plus, Dolby Digital and DTS sound can be by passed to the HDMI TV or Digital amplifier.

Due to the bandwidth requirement Dolby Digital Plus, Dolby Digital and DTS sound only can be by passed through HDMI cable, also the TV system must up to 720p or above.

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.
- **16:10:** Compress the image to convert the whole image. Select when a 16:10 TV is connected.

TV System

- Select to adjust TV Type and video output resolution. This setting depends on your regional location. Include: NTSC / PAL / 480P / 576P / 720P 50HZ / 720P 60HZ / 1080I 50HZ / 1080I 60HZ / 1080P 50HZ / 1080P 60HZ.

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.

1080p 24Hz

- Choose this option to enable or disable 1080P 24HZ support. A TV set with 1080P 24HZ (24P) mode is needed.

Plasma Mode

- Help to protect your plasma TV by reducing the level of brightness.

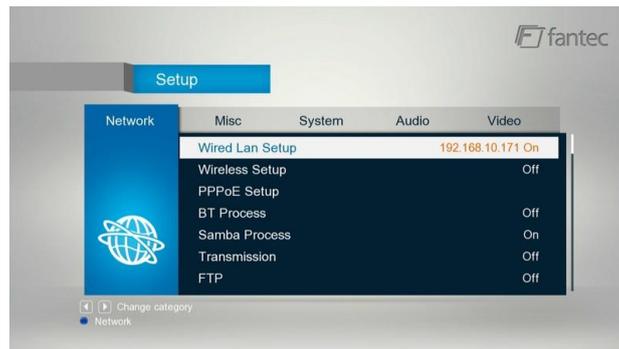
Deep Color

- Help to perform more detailed level of color depth, make continuous color change smoother. You can get more vivid color effects. A TV set with deep color support is needed.



- 3.1.4 Change Network Settings

Use this menu to configure your network.



Wired Lan Setup

- DHCP IP (AUTO)

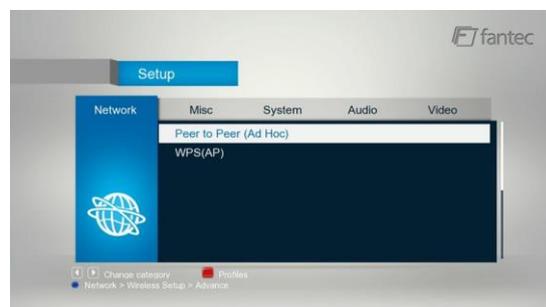
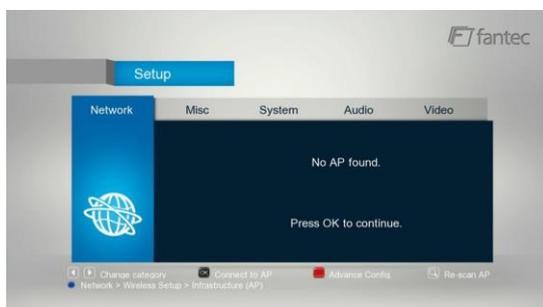
Select to obtain IP address automatically.

- FIX IP (MANUAL)

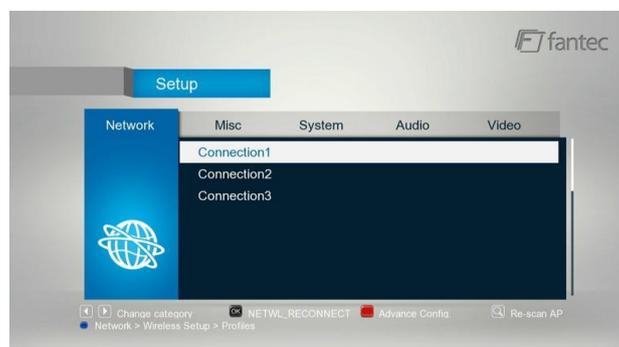
Select to manually input the IP Address, Subnet Mask, Default Gateway, and DNS Server IP Address.

Wireless Setup

- There are 3 modes for you to select, **Infrastructure (AP)** and **Peer to Peer (Ad Hoc)** and **WPS (AP)** mode. Follow the prompting message on the screen and press **Red** button to choose **Peer to Peer (Ad Hoc)** or **WPS (AP)** mode.



This player can store up to three wireless network connections. Press **OK** to connect, press **Back** to cancel, and press **Zoom** to modify the parameters of the connection, press **Red** button to choose **Peer to Peer (Ad Hoc)** or **WPS (AP)**.



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. Please follow following steps to configure your wireless network.

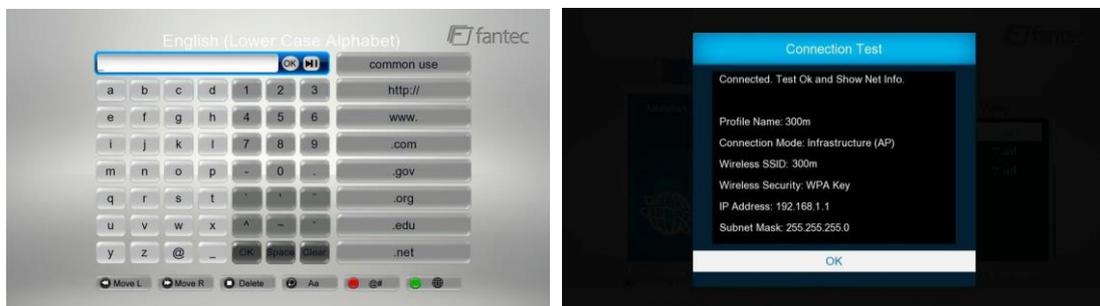
Step 1: Scanning AP (Access Point) in your network

Follow the prompting message on the screen and press the **Zoom** button to select **Infrastructure (AP)** mode and update the access points list, and all SSID will be displayed on the screen.



Step 2: Enter WEP / WPA key.

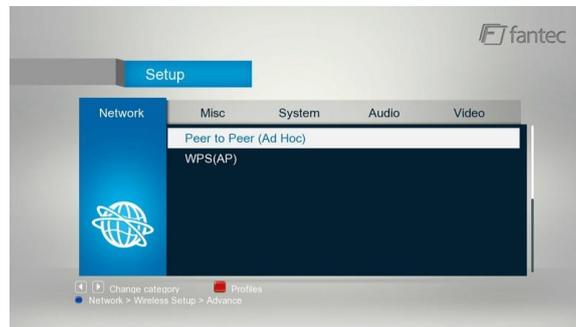
Press **OK** to input encryption keys via the virtual keyboard. Press the navigational buttons to select, **OK** to input, **FF** to move cursor left, **FR** to move cursor right, **Zoom** to switch between uppercase and lowercase, **Stop** to delete a character, **Red** to make more symbols available, **Green** to change the language of the virtual keyboard, **OK** to confirm and to start testing the 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)

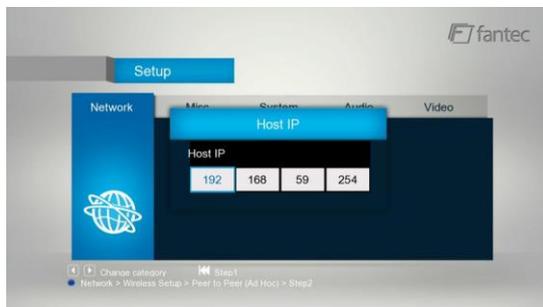
- Peer to Peer mode, which is also called Ad Hoc mode or computer-to-computer mode, is used to connect wireless clients directly together, without the need for a wireless router or access point.



Step 1: Specify your SSID name

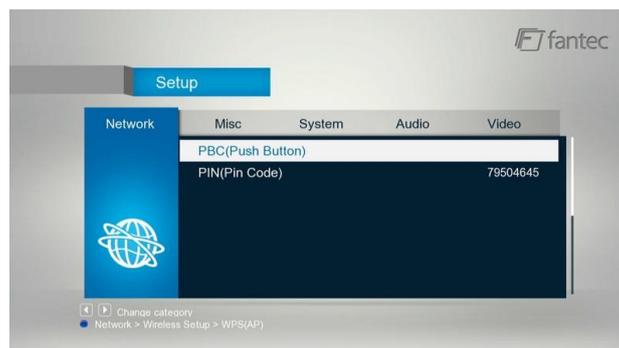


Step 2: Specify your host IP



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.

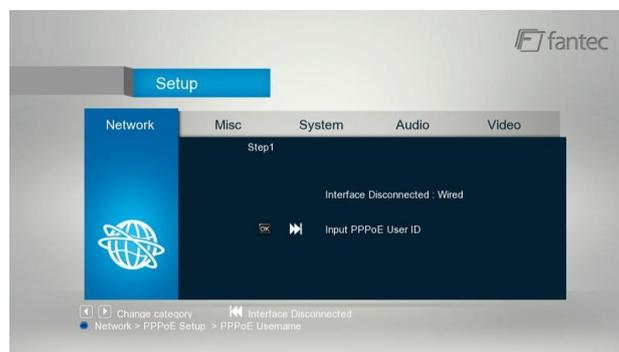
PPPOE Setup

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

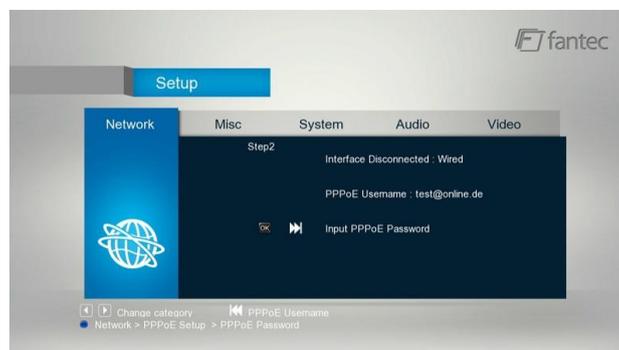
Step 1: Select the connection interface, wired or wireless



Step 2: Press **Right** button to input your ADSL account



Step 3: Press **Right** button to input your password and start to test the connection.



Samba Process

- Select to turn NAS function On/Off. Please refer to '4. SAMBA Server' for more details on NAS function of this product.

Transmission

- Select to turn BitTorrent Transmission client On/Off. Please refer to '3.9.2 BT Download' for more details on NAS function of this product.

FTP

- Select to turn on / off FTP services and to configure your desired login User Name and Password. Please refer to '4.1 FTP Server' for more details on this unique feature of this product.

Samba security

Select to turn on / off password protect for the Web server (Neighbor Web) and Samba server. The user name is 'admin', and the password is '123'.

3.1.5 Miscellaneous

Use this menu to adjust miscellaneous settings.



Version Info

- This tab shows you information about the firmware installed and about the material components of your player.

Network Info

- This tab shows you information about your network, MAC Address, IP address Gateway, Subnet.

USB Upgrade

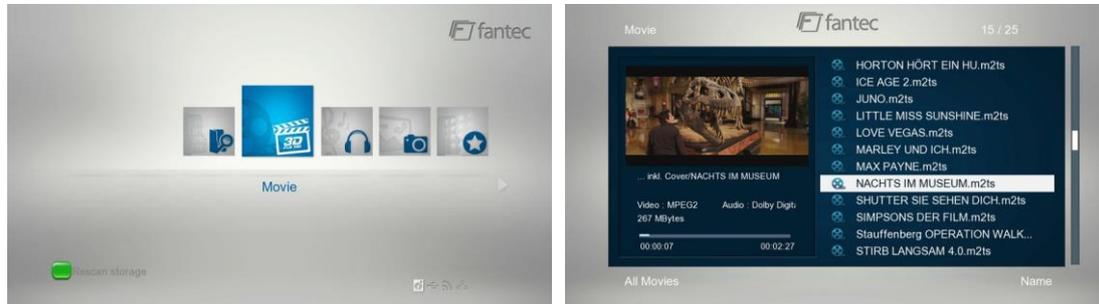
Option for Firmware Updates - please read the manual attached with the Firmware Update for further informations.

Key Tone Volume

- Here you can adjust the volume of key tone.

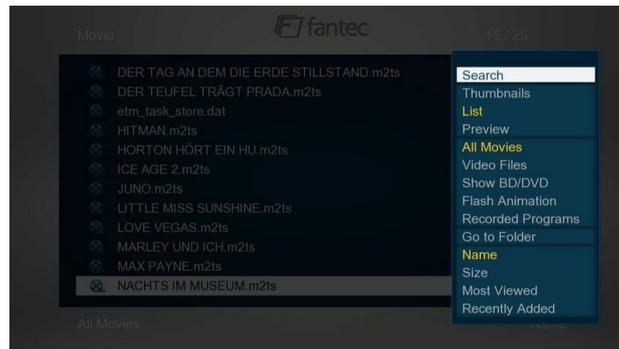
3.2 Movie Library

Select the Movies icon on the main menu to enter into movie library interface. Only supported files will be displayed. Please refer to chapter '**5. Appendixes**' for more details about the supported file formats.



3.2.1 Movie Library Options

In movie library, press **MENU** button to display the option menu, you can get following functions through the option menu.



Quick-Search

- Choose the **Search** option in the option menu and you can search for a media file by filter to locate the specific media file.

View Mode

- Choose a view mode among **Thumbnails**, **List**, and **Preview** from option menu or **go to** a specified **folder**.

Filter Mode

- Choose to filter by **All Movies**, **Show DVDs** or **Flash Animation** from option menu.

Show BD / DVDs

- Choose to display DVD IFO, BD MV and ISO files directly in media library. During playback of DVDs, you can press **Menu** button, to get back to the **Title Menu** or **Root Menu** of the DVD.

Sorting Mode

- Choose to sort by **Name**, **Size**, **Most Viewed** or **Recently Added** from option menu.

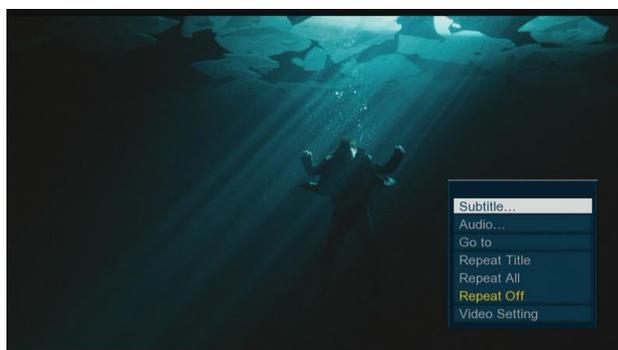
3.2.2 Movie Playback Control

You can access the following functions during playback.

Button	Function
Play/Pause	Pause or resume the current playback.
Prev/Next	View the previous or next file/chapter.
FR/FF	Fast rewind or fast forward. Press repeatedly to select the speed.
Slow	Play back in slow motion.
GOTO	Jump to a specific point on a title. Specify the point using Title, Chapter and Time.
Menu	Display or hide the option menu during playback.
Stop	Stop playback.
VOL+/-	Increase/decrease the volume.
Audio	Select an audio track.
Subtitle	Select a subtitle and change the color/size/offset/text encoding of subtitle.
Repeat	Set the repeat option.
Zoom	Zoom in the image.
Info	View the media information.

3.2.3 Movie Playback Options

During movie playback, press **Menu** button to display or hide the option menu at the bottom of the screen.



Next to audio track, subtitle, repeat mode, you also can get following functions though the option menu during video playback.

DVD Menu

- Select to return to the navigation menu (**Title Menu / Root Menu**) during DVD IFO or ISO playback.

GOTO

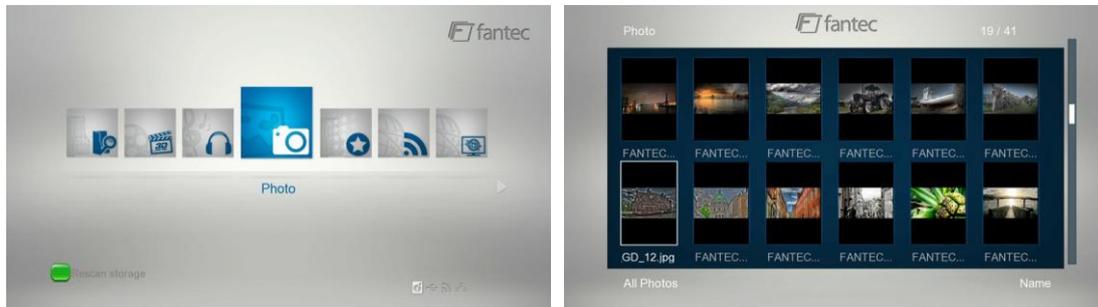
- Select to jump to a specific point on a title. Specify the point using Title, Chapter and Time.

Video Setting

- Select to adjust the value of **Brightness, Contrast, Saturation** and **Hue**.

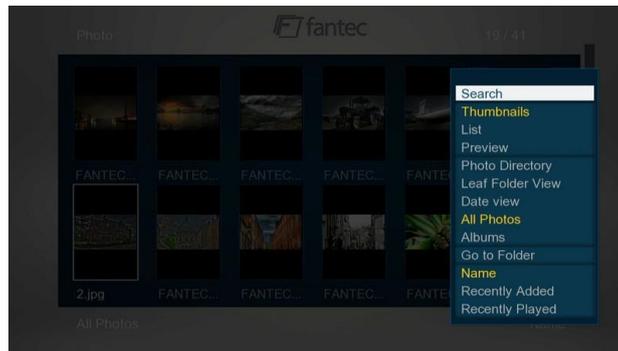
3.3 Photo Library

Select the Photo icon on the main menu to enter into photo library interface. Only supported files will be displayed. This player supports HD JPEG, JPG, BMP, GIF, TIF and PNG files.



3.3.1 Photo Library Options

In photo library, press **Menu** button to display the option menu, you can get following functions though the option menu.



Quick-Search

- Choose the **Search** option in the option menu and you can search for a photo file by filter to locate the specific photo file.

View Mode

Choose a view mode among **Thumbnails**, **List**, and **Preview** from option menu

Filter Mode

- Choose to filter by **Photo Directory**, **Date view**, **All Photos**, or **Albums** from option menu.

Sorting Mode

- Choose to sort by **Name**, **Recently Added** or **Recently Played** from option menu.

3.3.2 Photo Playback Control

You can access the following functions during photo playback.

Button	Function
Prev / Next	View the previous or next photo.
Up / Down	Rotate a photo in any angle.
Menu	Display or hide the option menu during playback.
Stop	Stop playback.
Zoom	Zoom in the image.

3.3.3 Photo Playback Options

During photo playback, press **Menu** button to display or hide the option menu at the bottom of the screen. You can get following functions though the Option menu during photo playback.



Slideshow Control

- Select to choose the **Interval (Slide Timing)** and **Transition effect (Slide Transition)** of the slideshow.

Repeat Mode

- Choose a repeat mode among **Repeat off**, **Repeat all** and **Shuffle Loop** from option menu.

Select Music

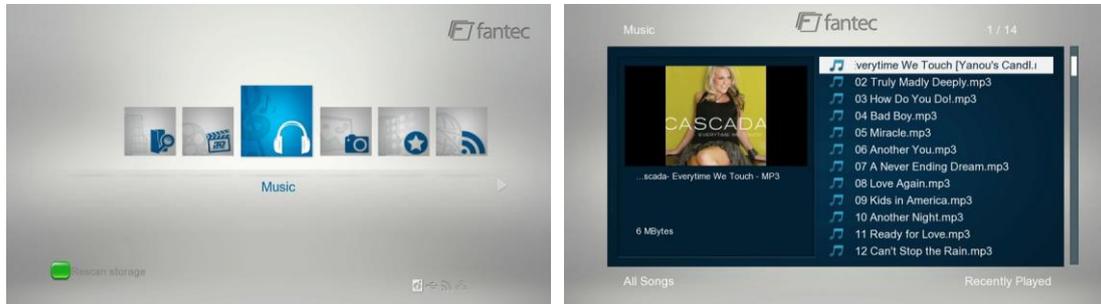
- Select to turn on/off **Background music** during slideshow playback.
- Select **music** to specify the background music during photo playback.

Video Setting

- Select to adjust the value of **Brightness, Contrast, Saturation and Hue**.

3.4 Music Library

Select the Music icon on the main menu to enter into music library interface. Only supported files will be displayed. This player supports MP3, OGG, WMA, WAV, AAC and FLAC audio files.



3.4.1 Music Library Options

In music library, press **Menu** button to display the option menu, you can get following functions though the option menu.



Quick-Search

- Choose the **Search** option in the option menu and you can search for a photo by filter to locate the specific music.

View Mode

- Choose a view mode among **Thumbnails**, **List**, and **Preview** from option menu or **go to a specified folder**.

Filter options

- Choose **Albums** to search for music files by album.
- Choose **Artists** to search for music files by artist.
- Choose **Genres** to search for music files by genre.
- Choose **Years** to search for music files by modified year.
- Choose **Playlists** to search for music by generated playlist.

Sorting Mode

- Choose to sort by **Name**, **Recently Added** or **Recently Played** from option menu.

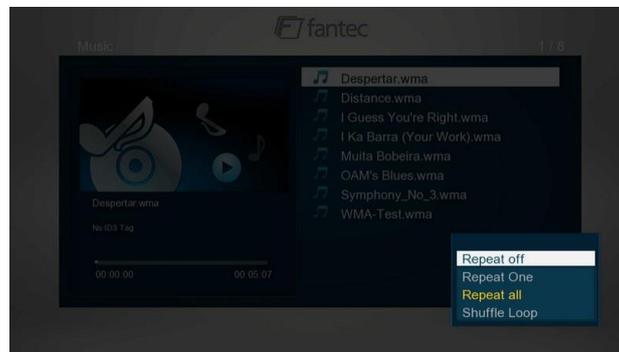
3.4.2 Music Playback Control

You can access the following functions during music playback.

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.
Menu	Display or hide the option menu during playback.
VOL+/-	Increase/Decrease the volume.
Repeat	Set the repeat option.
Shuffle	Select the shuffle mode.

3.4.3 Music Playback Options

During music playback, press **Menu** button to display or hide the option menu at the bottom of the screen. You can get following functions though the Option menu during music playback.



Repeat Mode

- Choose a repeat mode among **Repeat off**, **Repeat one**, **Repeat all** and **Shuffle Loop** from option menu.

3.5 3D Movie Playback

This player supports real 3D movie playback and brings you into the world of 3D. Next to this player, a 3D television, a pair of 3D glasses and a HDMI 1.4 cable are required.

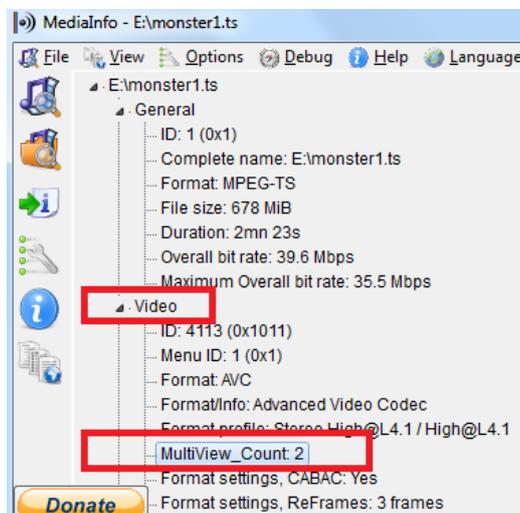
To enjoy a 3D movie follow below steps:

Step 1: Navigate to the file and press **Play** button to start movie playback.

Step 2: Press the **Menu** button on the remote control. Different dialogues will be opened according to different type of movies. Following options are available: There are “3D”, “3D simulation”, “3D Side-by-side”, “3D Top bottom”.



You can use Mediainfo software in order to check whether your file is a real 3D movie. If the value of MultiView_Count is 2, you will get the option “3D”, otherwise you have to select among “3D simulation”, “3D Side-by-side” or “3D Top bottom” options.



Note: If you have a 3D BluRay ISO movie file, with BD menu and the Player will not play this movie in 3D, please open the Setup menu, go to System and set “**BD-Lite Menu**” to off. Now please start the same movie without BluRay menu.

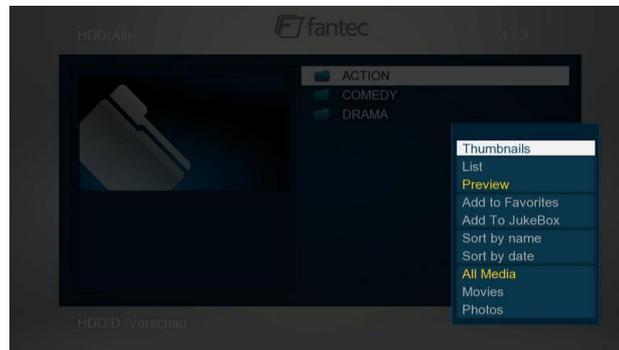
3.6 File Manager

The file manager allows you to browse and play music, photo and movie files stored on an eSATA HDD, external USB device, memory card or network.



3.6.1 File Manager Options

In file manager, press **Menu** button to display the option menu, you can get following functions through the option menu.



View Mode

- Choose a review mode among **Thumbnails**, **List**, and **Preview** from option menu.

Favorites

- Choose to add files or folders to Favorites List under from option menu.

Watched indicator

- Choose to set a movie as unwatched if it's marked as already watched by a yellow dot.

Filter options

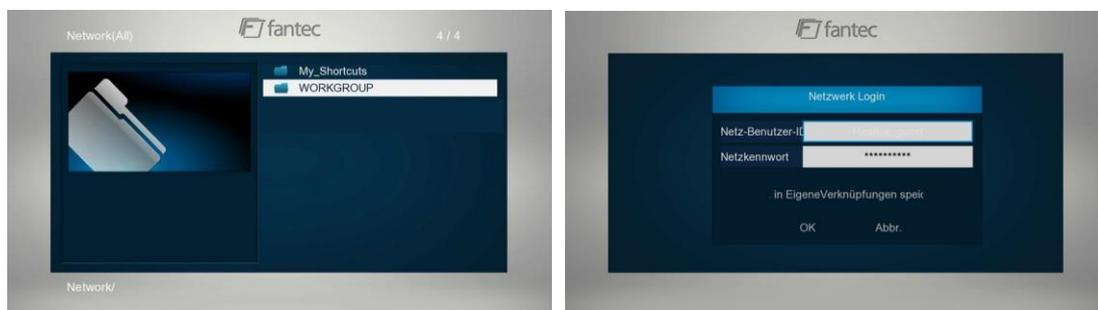
- Choose **Movies** to display all the supported video files in current directory.
- Choose **Photos** to display all the supported image files in the current directory.
- Choose **Music** to display all the supported audio files in the current directory.

3.6.2 A/V Streaming via Network



You can stream your media files shared on the home network. Please refer to '**3.1.4 Changing Network Settings**' for more details on network settings.

There are two ways to locate media files shared on your local network in the **Network** menu. One is to browse through workgroup; the other way is to browse through '**My_Shortcuts**'.



You can choose the workgroup which your PC belongs to from the workgroup list, find your PC name, and press the **OK** button to confirm. Then you can select and play the shared media files that you are currently browsing.

Note: While browsing high definition video files (resolution up to 720p / 1080i / 1080p) via WLAN, the video might be buffering. It is normal due to the limit of network speed or signal strength.

3.6.2.1 Browsing through workgroup

You can choose the workgroup which your PC belongs to from the workgroup list, find your PC name, and press the **OK** button to confirm. Then you can select and play the shared media files that you want to browse.

Note: Due to different network conditions, sometimes the workgroup might not be accessed or shown in the list. And then you need to use '**My_Shortcuts**' to browse shared files.

3.6.2.2 Browsing through 'My_Shortcuts'

You can also set '**Specific File Server IP**' and access it from '**My_Shortcuts**' in the menu.

- Press the **Green** button and a popup menu appears.



- Select **Add** to open a popup menu where you can input **Label, Net User ID, Net Password, Domain, Host Name, and Specific File Server IP**. Select **OK** to confirm, **Cancel** to cancel, and **Simple / Detail** to switch between simple and advanced options.



- Select the shortcut you added and press the **OK** button to confirm. Then you can select and play the shared media files on the destination computer.



3.6.3 A/V Streaming via UPnP-server

A built-in UPnP (Universal Plug and Play) client has been integrated on the system, which enables the player to auto-detect UPnP Media Servers on the network to browse and stream media files from them.

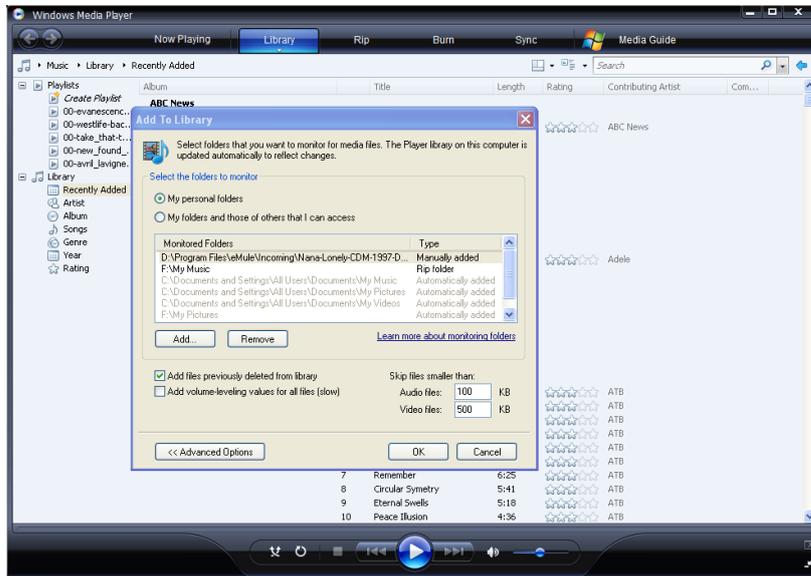
3.6.3.1 Installing UPnP Media Server on your PC

There're a lot of free and commercial UPnP Media Server software, such as Windows Media Connect, Windows Media Player 11, XBMC Media Center (Linux/Mac/Windows), MediaTomb (Linux), etc. Please install one of them on your computer. In the following chapters, we will take Windows Media Player 11 on Microsoft Windows XP SP2 for an example.

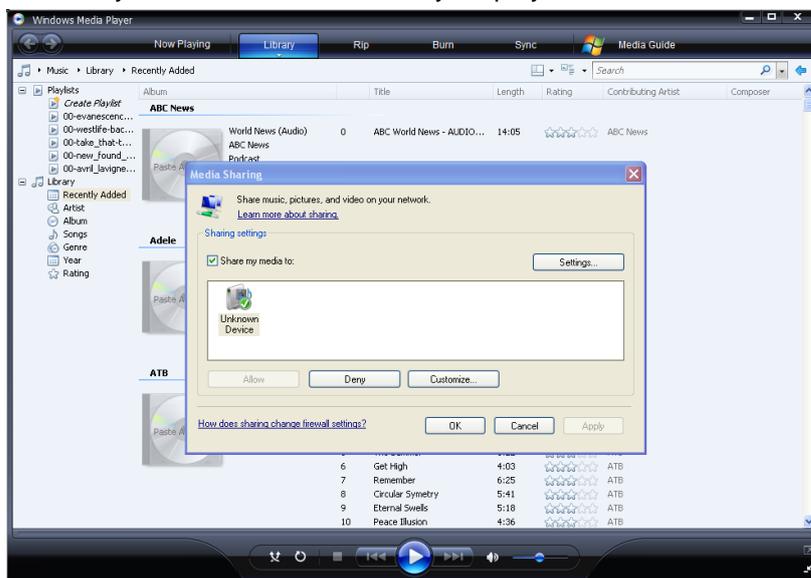
3.6.3.2 Sharing Media on your PC

The Media Sharing feature of Windows Media Player 11 lets you enjoy the contents of your Windows Media Player library from anywhere in your home.

Open Windows Media Player 11, click Library -> Add Library -> Advanced Options to add or remove media files from the library.



- Click **Library -> Media Sharing**, then you can allow or deny devices to access the media library. Click **Allow** to authorize your player.



3.6.3.3 Streaming Media on your Player

- Connect your player to the home network (LAN or WLAN).
- Visit **Browser** -> **UPnP** menu on the player, select the UPnP-server, and press **OK**.



- Then you can browse the media library shared by Windows Media Player 11.

Note: Make sure your player and your computer are on the same local area network and subnet. Firewalls may prevent your player to communicate with your computer. Please open the ports manually and add your player to the 'trusted' list, or disable the firewall temporarily.

3.7 Playlist Management

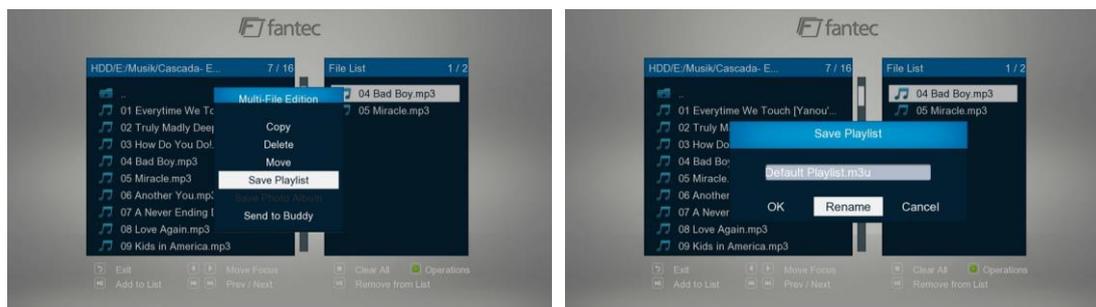
3.7.1 Create music playlist

To create a playlist, please enter the HDD via **File Manger**. The press **Edit** button on the remote control and select **Multiple Select** option. In the file explorer you can navigate by **Up/Down/Left/Right/Next/Prev** button and add or delete files to the **File List** by the **Play/Pause** button.

In order to switch between different folders, please select the upper folder icon:

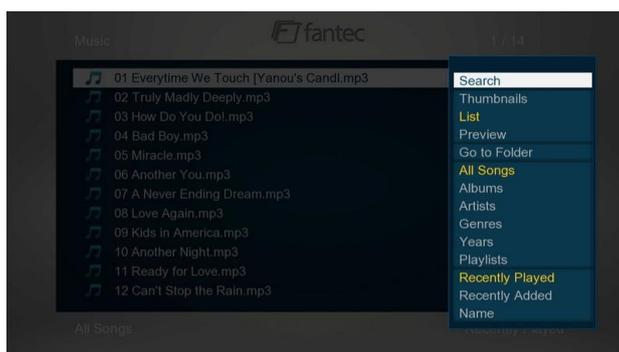


To save the playlist, please press the **Edit** button and name the playlist.



3.7.2 Playback music playlist

Enter the music library, press **Menu** button and choose **Playlists** to show your music playlists.



3.7.3 Create album playlist

To create an album playlist, please enter the HDD via **File Manger**. The press **Edit** button on the remote control and select **Multiple Select** option. In the file explorer you can navigate by **Up/Down/Left/Right/Next/Prev** button and add or delete files to the **File List** by the **Play/Pause** button.

In order to switch between different folders, please select the upper folder icon:

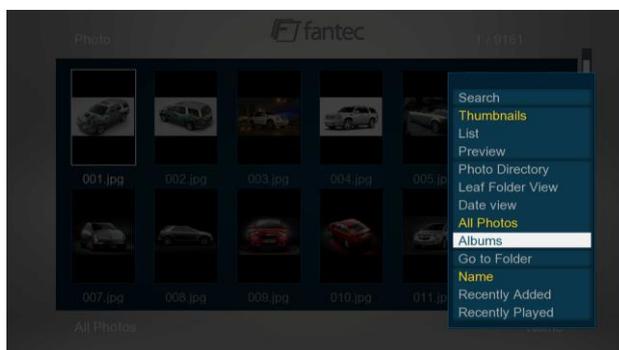


To save the album playlist, please press the **Edit** button and name the playlist.



3.7.4 Playback Album playlist

Enter the photo library, press **Menu** button and choose **Albums** to show your album playlists.



3.8 Copy und Delete Function

3.8.1 Copy under File Manager

To start the copy function, please enter the HDD via **File Manger**. The press **Edit** button on the remote control and select **Multiple Select** option. In the file explorer you can navigate by **Up/Down/Left/Right/Next/Prev** button and add or delete files to the **File List** by the **Play/Pause** button.



In order to switch between different folders, please select the upper folder icon:



To start the copy procedure, please press the **Edit** button and select **Copy**.



Select the **destination** or create a **new folder** and then press **Play/Pause** button to finish the copy process.



Note: If you want to copy a single file, just press **Edit** and then **Copy** to start the copy procedure.

3.8.2 Delete under File Manager

To start the Delete function, please enter the HDD via **File Manger**. The press **Edit** button on the remote control and select **Multiple Select** option. In the file explorer you can navigate by **Up/Down/Left/Right/Next/Prev** button and add or delete files to the **File List** by the **Play/Pause** button.



In order to switch between different folders, please select the upper folder icon: 

To start the Delete procedure, please press the **Edit** button and select **Delete**.

Note: If you want to delete a single file, just press **Edit** and then **Delete** to start the delete procedure.

3.9 Internet Media

This feature is additional function. All contents and services under this feature are provided by third-party service providers, our company does not offer any contents and services of this feature and it not responsible for any contents and services provided under this feature. Our company 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, are all responsible and control by the third-party service providers. If you find that these features cannot operate properly, please contact our customer service or visit our company website to obtain the relevant information.

3.9.1 SHOUTcast Radio

Select **SHOUTcast Radio** icon to get all free internet radio stations, press **OK** to select and play radio station, press **Back** to come back



Note:

- 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 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.
MENU	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.

Search

- You can search for radio stations by Keyword. (Please visit www.shoutcast.com for available stations)

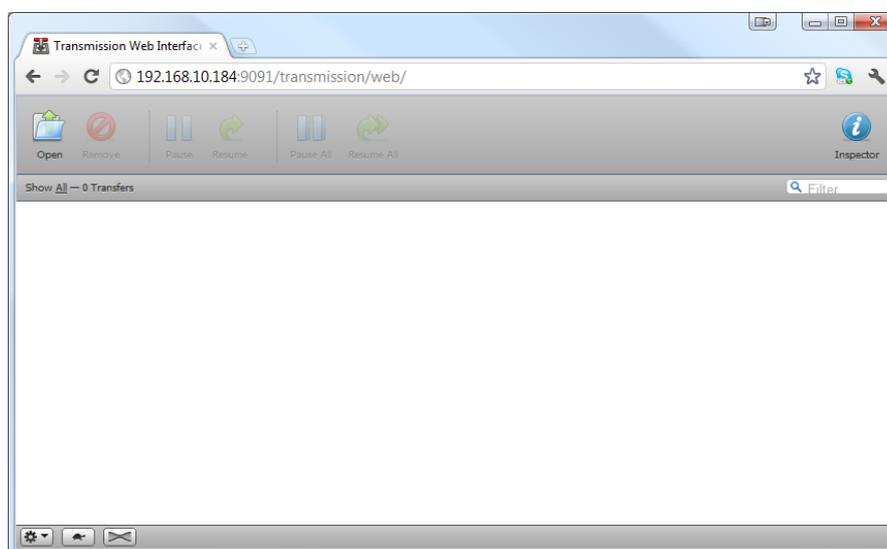
3.9.2 BT Download

To use BT download, please make sure to have an internet connection established.

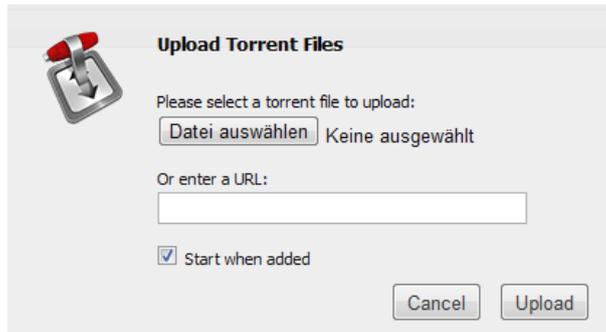
Step 1: Enter into **Setup→Network** menu and connect your player to the internet.

Step 2: Enter into **Setup→Network** menu and turn on Transmission.

Step 3: On your PC, launch a web browser such as Internet Explorer, Firefox or Safari, and at the address bar, key in **http://192.168.10.184:9091** where **192.168.10.184** is the IP address of your player.



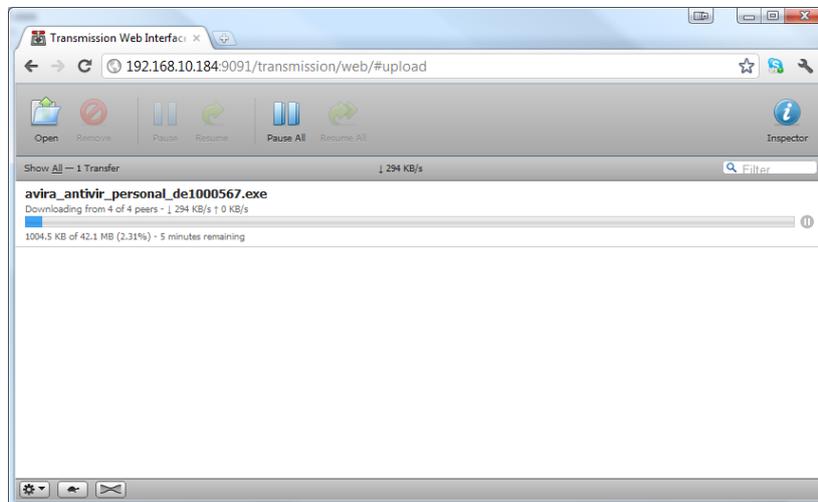
Click on open icon to add a new torrent file



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

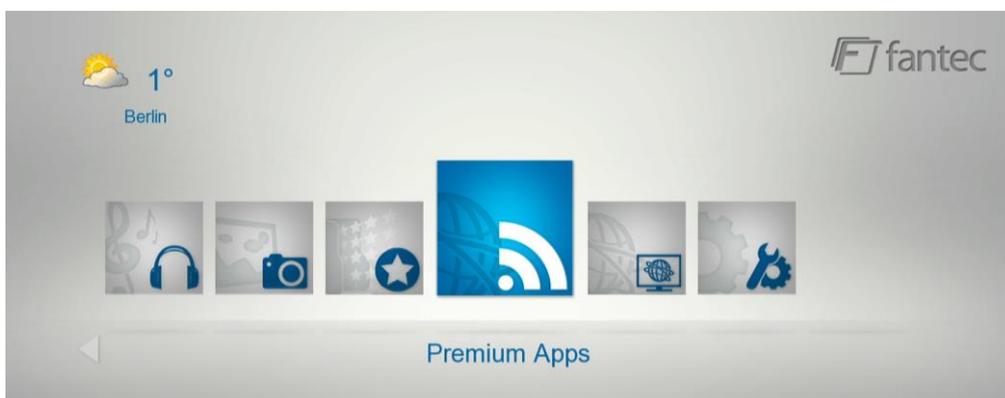
3. 9.2.1 Managing the downloads

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



Note: The BT download client works only with an eSATA HDD. With a USB HDD you can not use the BT download client.

3.9.3 Weather at Home menu



To display the local weather information at the home menu, please follow below steps:

Step 1: Enter into **Setup**→**Network** menu, to connect your player to internet.

Step 2: Enter into **Internet Media** →select **Accu Weather** → **Locations/Settings**, and search the city you like to have displayed.



3.9.4 DLNA DMR

This player can work as a Digital Media Renderer bridge. It can play content received from a **digital media controller (DMC)**, stored on a **digital media server (DMS)**. With it, you can seamless stream multimedia content to your TV.

Step 1: Enter into **Setup**→ **System**→ menu and turn **DLNA DMR** to ON.

Step 2: Install a digital media controller on your device (iPhone/iPod/iPad/ Android phone) and connect your device to the same network like the player. There are several DMC applications available (e.g. **iMediaShare**).

Step 3: Run **iMediaShare**→ select the media content stored on your device or other UPnP server, even media from internet→then select a digital media renderer, and then you can watch the media on your TV. Except the media stored on your device, you also can select media form internet, like Picasa, Facebook or YouTube.



4. Network Server and Client

This player can be used either as a SAMBA Server or as a FTP client.

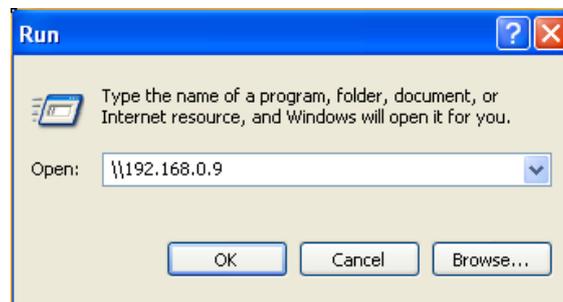
4.1 Samba (SMB) Server

4.1.1 SAMBA Client

- You can stream media files shared on the home network. Please refer to '**3.6.2 A/V Streaming via Network**' for more details.

4.1.2 SAMBA Server

- This product works as a NAS (Network Attached Storage) device when it is attached to the home network. This feature allows users to store and retrieve large amounts of data from their own local network.
- When the network connection is done correctly and ready for use, please turn on **SAMBA (Samba Process)** function in the setup menu in advance (refer to *3.1.4 Changing Network Settings* for more details), and then type in: \\IP Address or \\Host name in the Run window (click Run in the start menu) or in the address bar of **Microsoft® Internet Explorer**. If the IP address of the product is 192.168.0.9, please type in: \\192.168.0.9, and click OK or press the Enter button on the keyboard.



Under Windows Vista and Windows 7, please type in: \\192.168.0.9 at the search bar, then press the Enter button on the keyboard.



You can manage the files stored on the internal hard disk of the product. In this way, you can also playback and copy files via network between your PC and the internal hard disk of this product.

4.2 FTP Server

4.2.1 FTP Server Configuration to access via the Internet

- Configure the username and password of the FTP Server.

Setting up your device:

- Assign a manual Fixed IP address for the product, for example 192.168.0.9
- Assign the same subnet mask as your router (usually 255.255.255.0)
- Assign the gateway of your router (router's local IP address, usually 192.168.xxx.xxx)
- Assign the DNS address of your router (router's local IP address, usually 192.168.xxx.xxx).

Please refer to your router documentation on getting this information from your router

Setting up your router:

- Configure the FTP server service at your router and enter the IP address of your device, for example, 192.168.0.9. Additionally set up the FTP port to port 21 (default).

Use of a dynamic IP address

- At common internet connections the WAN IP address of the internet connection is changing every 24 hours. For this reason, the use of a dynamic DNS is recommended. This allows you to access your device by an individually defined name and replaces the recurrent update of the WAN IP address of your router.

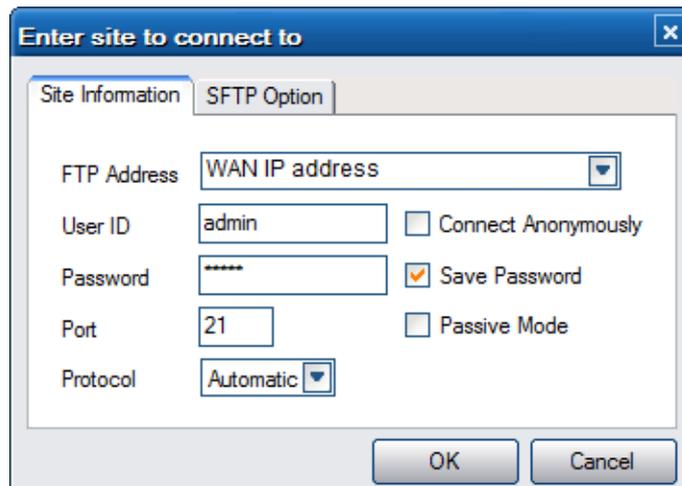
- In order to get a DynDNS account, sign up for a free DDNS domain for one of the sites that offer this free service, such as www.dyndns.com. More information can be found in various tutorials on the topic "Setting up dyndns"

- Finally enter the account information on the DDNS page of your router and enter your host name, then user name and password. Please read the instruction manual of your router if your router supports the DDNS service and how to obtain this information for your router.

4.2.2 Accessing from a FTP program

Use your favorite FTP application on your PC, for example ALFTP, which can be downloaded from <http://www.altools.com/ALTools/ALFTP.aspx>

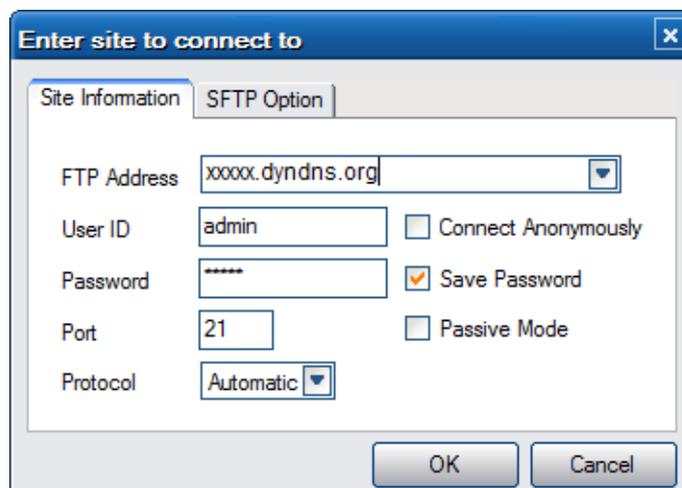
At the FTP program connection page, you can enter your router's WAN IP address or your DDNS host name.



FTP Address: Your router's WAN IP address

User ID: The User Name which was set under **FTP**, '**Network setup**'

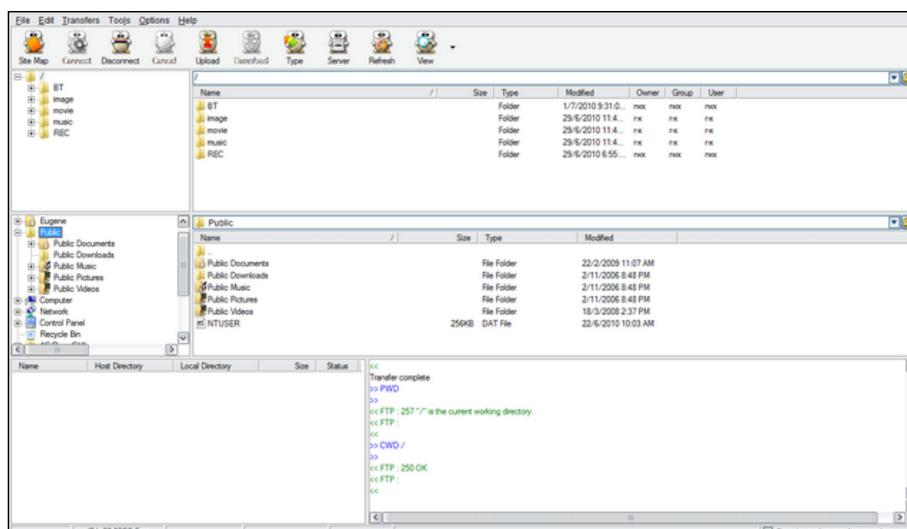
Password: The Password which was set under **FTP**, '**Network setup**'



FTP Address: Your DDNS host name

User ID: The User Name which was set under **FTP**, '**Network setup**'

Password: The Password which was set under **FTP**, '**Network setup**'



After login is successful, you will be able to upload/download files via FTP Server.

5. 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 USB **Upgrade** in chapter '**3.1.5 Miscellaneous**' for more details.

You can also use the following method to upgrade the firmware:

- Copy 'install.img' to the root directory of a USB key;
- Plug the USB key to the USB HOST port on the player;
- connect the player with power supply;
- Press and hold the POWER button on the front panel, and Wait for more than 10 seconds, and then loose your finger on the POWER button.

Then the upgrade process will start automatically. The LED indicator on the front panel will be enlightened and flashing during installation. If it is connected to a TV set, an install page will appear on the TV screen.

6. Appendixes

I/O INTERFACES SUPPORTED:

- Gigabit Ethernet port 10/100/1000 Mbps (RJ45)
- HDMI 1.4 interface
- 2x USB 2.0 HOST (compatible to USB 1.1)
- 1x USB 3.0 HOST (compatible to USB 2.0 & 1.1)
- Composite (CVBS) A/V jack
- S/PDIF optical jack
- DC-IN 5V
- eSATA Host
- Card Reader for SD, SDHC, MMC, MS, MS Pro

FILE SYSTEM SUPPORTED:

- FAT/FAT32/NTFS/EXT3

VIDEO FORMATS SUPPORTED:

- MKV, ISO (DVD & BluRay), AVCHD, MTS, M2TS, AVI, VOB, MOV, MP4, MPG, TS, WMV, DAT, IFO, RM, RMVB, M4V, ASF, FLV, XviD, DVD menu playback, H.264, resolution up to 720p/1080i/1080p/1080p/24p

3D VIDEO FORMATS SUPPORTED:

- 3D Frame Packing (3D BD), 3D MVC (Multiview Video Coding), 3D SbS (Side by Side) 3D TaB (Top and Bottom)

AUDIO FORMATS SUPPORTED:

- MP3, OGG, WMA, WAV, FLAC (32 – 320 kbps)
- Stereo/Dolby Digital AC3 5.1 (pass-through & downmix to stereo), Dolby Digital 5.1 (pass-through & downmix to stereo), Dolby Digital Plus 7.1 (pass-through), DTS Digital Surround 5.1 & 7.1 (pass-through & downmix to stereo)

PICTURE FORMATS SUPPORTED:

- HD JPEG, JPG, BMP, GIF, TIF, PNG (JPEG: 6048x4032 - 24MP)
-

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 (DRM, and Advanced Profile not supported), PCM, LPCM, MS-ADPCM, COOK, RA-Lossless
-

MENU LANGUAGE SUPPORTED:

- English, German, French, Dutch, Italian, Spanish, Portuguese, Greek, Romanian, Bulgarian, Slovak, Russian, Polish, Turkish, Czech, Vietnamese, Slovenian, Hungarian, Hebrew, Japanese, Thai, Korean, Arabic, Chinese Traditional and Simplified

SUBTITLE FORMATS SUPPORTED:

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 - Subtitle control: color/offset/size
 - Unicode (UTF8), BIG5 (Traditional Chinese), Western, Turkish, Central European, Greek, Cyrillic, SE European, Russian, Hebrew, Arabic, Japanese, Thai
-

NETWORK FEATURE

- 10/100/1000Mbps Auto-Negotiation Ethernet
 - 802.11b/g/n Wi-Fi, up to 300Mbps (supported by optional Wi-Fi USB Adapter)
-

Note: The specifications and design of this product are subject to change without notice.

7. 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 of 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.

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