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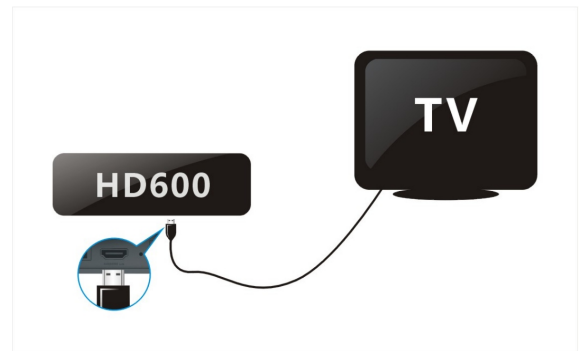
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1.0 Quick Guide

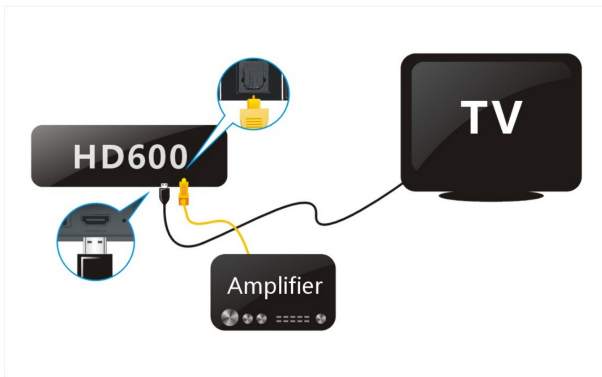
1.1 Connection to HDTV

1. Connect the HDMI cable from media player's HDMI output to HDTV's HDMI input.
2. On the media player, select Setup-Audio-HDMI Output-LPCM.



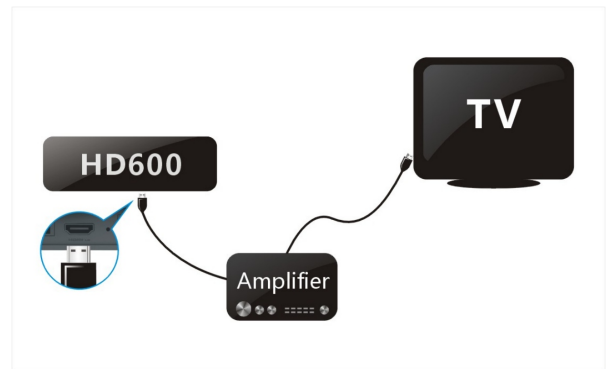
1.2 Connection to 5.1CH Amplifier (Digital) and HDTV

1. Connect the HDMI cable from media player's HDMI output to HDTV's HDMI input.
2. Connect the optical fiber cable from media player's OPTICAL output to 5.1CH amplifier's OPTICAL input.
3. On the media player, select Setup?Audio?SPDIF Output?RAW.



1.3 Connection to 7.1CH Amplifier and HDTV

1. Connect the HDMI cable from media player's HDMI output to 7.1CH amplifier's HDMI input.
2. Connect the other HDMI cable from 7.1CH amplifier's HDMI output to HDTV's HDMI input.
3. On the media player, select Setup?Audio?HDMI Output?RAW.



2.0 Remote Control

2.1 Picture



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2.2 Remote Control Overview

| Seq. | Button | Description |
|------|------------------------------|---|
| 1 | POWER | Turns the media player ON or OFF. |
| 2 | COLOR buttons | They are reserved buttons with different functions in different menus, e.g. Using Green button can bring up operation menu in media library menu. |
| 3 | EJECT | Ejects the disc of a CD/DVD/BD-ROM drive attached to the media player. |
| 4 | VFD | Turns ON or OFF the VFD light on the front panel of the media player. |
| 5 | TIMER | Sets the time period for auto-power-off. |
| 6 | SETUP | Switches to the Setup Menu directly for changing system settings. |
| 7 | TV MODE | Switches among NTSC, PAL, 480p, 576p, 720p50/60Hz, 1080i50/60Hz and 1080p50/60Hz video output modes. |
| 8 | 16:9 | Switches among 16:9, 4:3 Letter Box and 4:3 Pan Scan aspect ratios. |
| 9 | BOOKMARK | Bring up Bookmark list to play the video from the position where the playback was stopped last time. |
| 10 | ZOOM | Zoom in/out the playing photo or video. Available photo zoom scales: 2x, 4x, 8x and 16x. Available video zoom scales: 1x, 2x, 3x, 4x and 8x. |
| 11 | REPEAT | Switches repeat option among Chapter, Title or Offset. |
| 12 | MOVIE | Enter MOVIE library. |
| 13 | MUSIC | Enter MUSIC library. |
| 14 | PHOTO | Enter PHOTO library. |
| 15 | AUDIO | Switches among audio tracks. |
| 16 | SUBTITLE | Switches among subtitle tracks. |
| 17 | MUTE | Press to mute audio output, and press again to resume. |
| 18 | MENU | It is a multifunction button with different functions in different menus. In Movies, Music, Photo or File Manager mode, press "MENU" to show options. When playing movies, music or photo, press "MENU" to show the playback menu. When playing DVD/BD media files, press "MENU" to show DVD/BDMV navigation menu, subtitle setup menu, TV output resolution menu etc. |
| 19 | VOL+/VOL- | Increases or decreases the volume. |
| 20 | HOME | Switches to Main Menu |
| 21 | RETURN | Returns to the previous menu. |
| 22 | Directional Keypad | Navigates and high-lightens menu items or media files. |
| 23 | OK | Confirms the selection or start to playback |
| 24 | INFO | Displays the media file information such as the title, format, and so on. |
| 25 | SEARCH | During video playback, shows the search operation menu. In the media library mode, shows the file searching menu. In the WIFI setup menu, re-scan the wireless network. |
| 26 | PAGE UP/PAGE DOWN | Changes page in file browser. Jumps to the previous/next chapter during BD/DVD playback Plays the previous/next file during file playback. Jumps to the previous/next picture in photo slide show. |
| 27 | Internet Media Service (IMS) | Enter HIMEDIA online video service |
| 28 | RWD | Fast rewinds the current playback. Presses repeatedly to switch among different fast rewind speeds. |
| 29 | PLAY | Plays the selected item. |
| 30 | STOP | Pauses/Resumes the current playback. Stop the current playback |
| 31 | Forward | Fast forwards the current playback. Presses repeatedly to switch among different fast forward speeds. |

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3.0 Setup

The Setup menu allows you to change System, Audio, Video, Network, Intelligent and MISC settings.

On the setup mode, please use the "Directional Keypad" to navigate and high-lighten the setting items, and then press "OK" to enter the submenu to change the setting.

3.1 System Setting

| | |
|------------------|--|
| Menu Language | Changes the OSD(On Screen Display) language. |
| Text Encoding | Changes the text encoding language. |
| Time | Sets system time. |
| R/RW Auto-Play | Auto-Plays the DVD folder. |
| Screen Saver | Timing: Sets the minimum idle time before showing screen saver. Source: Changes the source of the screen saver. |
| DLNA DMR | Pushes movie, music or photo from DMC(The DMC should be in conformity with the DLNA protocol.) to the media player. The known compatible DMC includes Windows7, Android and iPhone (The phones should install the software such as imediashare or eyecon to enable sharing). |
| Device Name | Sets the name of the media player in LAN. |
| MiniKBD Language | Sets the default language of the soft keyboard. |
| Resume Play | When it's on, you can watch a movie from the last stop position. |
| Format | Formats the HDD on internal SATA interface |
| Factory Default | Erases the current settings and applies the default settings. |

3.2 Audio Settings

| | |
|--------------------------------------|--|
| Night Mode | Sets Night Mode to On, Off or Comfort. This function changes the maximum dynamic audio range. |
| HDMI Output | LPCM: Outputs down-mixed 2.0 decoded audio over HDMI. Use this setting when connecting to a HDTV with HDMI input directly. RAW: Passes-through the original bit-stream audio over HDMI. Use this setting when connecting to an amplifier with HDMI input and decoding capability. |
| SPDIF Output | LPCM: Outputs down-mixed 2.0 decoded audio over SPDIF. RAW: Passes-through the original bit-stream audio over SPDIF. Use this setting when connecting to a digital amplifier with SPDIF input and decoding capability. |
| HD Audio Core Output | 5.1 CORE ONLY: Passes-through 5.1 core only for DTS-HDMA and TRUEHD. HD AUDIO 7.1: Passes-through 7.1 bit-stream for DTS-HDMA, TRUEHD and LPCM. |
| DOLBY(AC3), DTS, AAC, WMA Pro Output | LPCM: Always outputs down-mixed 2.0 decoded audio for the specified audio format and overrides HDMI Output and SPDIF Output settings. RAW(Bitstream): Always passes-through the original bit-stream for the specified audio format, so the bit-stream setup on HDMI Output and SPDIF Output is available. |

3.3 Video Settings

| | |
|-------------------------|--|
| Aspect Ratio | Pan Scan 4:3: Displays a wide picture on the entire screen of 4:3 TV and cuts off excess parts on two sides. |
| | Letter Box 4:3: Displays a wide picture with two black borders on the top and bottom of 4:3 TV without cutting off any picture. |
| | 16:9: Display the whole picture on 16:9 TV. 16:10: Display the whole picture on 16:10 monitor. |
| TV System | Switches TV output mode among HDMI Auto, NTSC, PAL, 480P, 576P, 720P 50Hz, 720P 60Hz, 1080i 50Hz, 1080i 60Hz, 1080P 50Hz and 1080P 60Hz. |
| Video Zoom | CRT (Over Scan): Shrinks the video to compensate the over scan for CRT TV. Full Pixel (Just Scan): Plays videos in the original size. |
| Digital Noise Reduction | Enables or disables DNR. |
| 1080P 24Hz | On: If the video content is 24fps, the media player will play it in 1080P/24Hz mode automatically before. Off: Always plays videos in the selected video output mode. |
| Deep Color | Changes HDMI Color Depth. |

3.4 Network Settings

| | |
|-------------------|--|
| Wired Lan Setup | Before using the network function, please connect your media player to the network first. You can select DHCP(AUTO) or FIX IP(MANUAL). Notice: Please enable the DHCP service on your router before using DHCP(AUTO) setting. If you select FIX IP(MANUAL), please fill in IP Address, Subnet Mask, Default Gateway and DNS server IP address. You can use default numbers 8.8.8.8 as DNS server IP address, or you can change it to the DNS address provided by your local internet service provider. |
| Wireless Setup | Before configuring the WLAN settings, please check the following items: Please make sure your media player comes with built-in WIFI, or got WLAN USB Adapter connected to USB host port. (Only WLAN USB Adapter using Realtek chipset are supported.) Make sure there is a wireless router or an AP (Access Point) in the network and your media player is within the effective range. Setup steps: 1. Once you choose wireless setup, your media player will automatically search the available wireless networks. 2. Select your home wireless network. 3. Input the password/key for the wireless network. If the media player hasn't detected any wireless network, please check your wireless router and the effective range of the WLAN. You can press "SEARCH" button to re-scan the available wireless network. |
| PPPoE Setup | Sets PPPoE ID and Password. |
| BT Process | Turns on/off the built-in BT client. |
| Samba Process | Turns on/off the built-in Samba service. |
| BT&Samba Security | "On" : You need ID and Password to visit Neighbor web interface. User ID: admin Password: 123 You can change the password, but cannot change the user ID. "Off" : You don't need ID and Password to visit Neighbor web interface. |

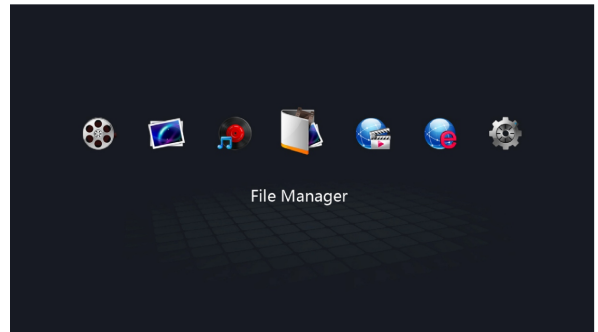
3.5 Intelligent Settings

| | |
|---------------------------------|---|
| Subtitle Automation Recognition | Automatically recognizes subtitle encoding type, such as BIG5, GB2312, UTF8 etc., and display it correctly. |
| TS Seamless Playback | On: The group of files in the same directory such as xx_yy_zz_01.ts, xx_yy_zz_02.ts and, xx_yy_zz_03.ts will be playback seamlessly. Note: It's only valid for TS/PS file and not working for AVI, MKV files. Off: Plays files one by one with 2 seconds interval between two files |
| BDMV Folder Auto-Play | On: When browsing file, pressing "OK" on the BDMV folder will play BDMV folder and pressing "Play" button will play BDMV file. |
| BDMV default subtitle | Sets the default subtitle language track for playing BDMV. |
| BDMV default audio | Sets the default audio language track for playing BDMV. |
| Subtitle Font Directory | Sets the font's path for external subtitle. |

3.6 MISC Settings

| | |
|--------------|---|
| Version Info | Shows firmware version info. |
| USB upgrade | Please check "Chapter 9.0 Upgrade Firmware" . |

4.0 Main Menu



Movies

Go to movie media library.

Music

Go to music media library.

Photo

Go to photo media library.

File Manager

Go to file manager to manage movie, music and photo files in USB, CARD, HDD, Network (SAMB/UPNP), etc.

Internet Media Service

If the wired or wireless network is connected, various internet services such as YouTube and Video Podcast are available.

Web Browser

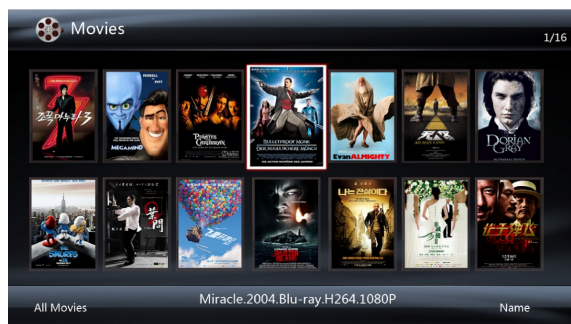
You need to connect a mouse and keyboard to use the web browser to browse internet.

Setup

Go to setup menu to change settings for System, Audio, Video, Network, MISC etc.

5.0 Media Library

You can go to Movies, Music and PhotoMedia Library through the main menu or using the shortcut buttons on the remote control.



In the media library, you can use the following buttons.

Directional Keypad: Navigates and highlights media files, and press "OK" to play the selected file.

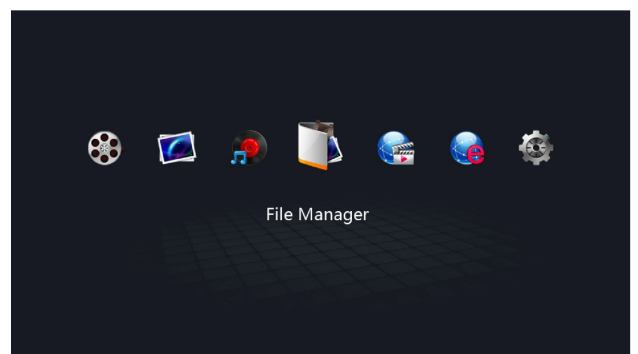
Green Button: Shows up the operation menu to add files to or delete the files in the media library. ('Delete' only removes the file from the media library. It does not delete the file from the storage device).

MENU Button: Changes view mode (such as thumbnail, list, or preview mode), file filtering mode (such as All Movie or Only BD/DVD), and file sorting mode for displaying the media library.

SEARCH Button: Shows up the file searching menu for you to search the files in the media library.

6.0 File Manager

You can go to File Manager through the main menu.



In the file manager, you can use the following buttons.

Directional Keypad: Navigates and highlights media files, and press "OK" to enter the selected file folder or to playback the selected file.

Green Button: Shows up the operation menu to copy, delete, move, rename and add the selected file/folder to the media library.

MENU Button: Changes view mode (such as thumbnail, list, or preview mode) and file filtering mode (such as All Media Files, Only Movies, Only Music or Only Photo).

RETURN Button: Returns to the parent directory or to the main menu.

7.0 Internet Media Service and Web Browse

You can browse internet resources and play online media available on internet. Before doing that, please make sure that you have finished the network related settings.

You can go to Internet Media Service (IMS) through the main menu. Varieties of internet services are available and you can press "OK" button to open or enter the selected service.

You can go to Web Browser through the main menu. To use the browser, you need to connect a USB mouse and keyboard to the media player. In web browser, you can press "RETURN" button to return to the main menu.

8.0 Using your Media Player

8.1 Create Media Library

Media Library is a media database that makes the media player easy to use. It is very important to create the media library.

There are many features based on the media library, such as shortcut key to Movies, One Touch to Enjoy Music, and One Button to review the photos

Note: In the media library, all operations are applied to database only. Those operations will not affect the physical files in the storage devices. If a media file is removed from the Media Library, the media file in the storage device is not deleted.

You can use the following ways to create and manage the media library

Method 1: Enter Main Menu and the Media Library Guide will appear to help you to create the media library step by step if the media library is empty.

Method 2: Enter File Manager and select drive, file folder, or file. Then press "Green" button to add the selected item to the media library.

Method 3: In the media library, press "Green" button to delete a file, all movies, all music, all photos or all files in the media library. (The files are only removed from the Media Library. The physical files are not deleted from the storage devices. You can re-scan the storage devices to create media library in the Media Library Guide menu.

8.2 Play Movies

Method 1: Open MOVIES media library through main menu or press "MOVIE" button on the remote control, then select a movie and press "OK" to play it.

Method 2: Open file manager menu, enter a storage device and choose a movie to play.

1) When playing a movie, you can use "ZOOM" button to enlarge the picture by 2X, 3X, 4X or 8X.



2) When playing a movie, you can use "SEARCH" button to make the movie play from certain time point.



3) When playing a movie, you can use "AUDIO" button to switch Left/Right CH or audio tracks.



4) When playing a movie, you can use "SUBTITLE" button to switch subtitles.



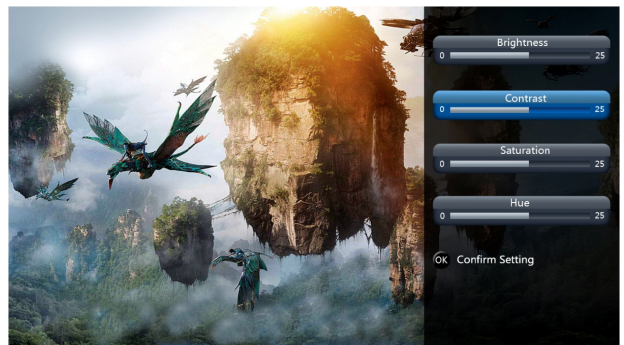
5) When playing a movie, you can use "INFO" button to show the information of the playing movie.



6) When playing a movie, you can use "RWD", "FWD" or "PLAY" button to rewind, fast-forward or play the movie normally.



7) When playing a movie, you can use "MENU" button to bring up a setup menu for changing subtitle, audio, repeat playback and picture parameters etc.



- 8) When playing a movie, you can use UP/DOWN Key to adjust the vertical position of the subtitle.
- 9) When playing a movie, you can use LEFT/RIGHT Key to rewind/fast-forward 10 seconds.
- 10) When playing a movie, you can use "MENU" button to bring up a setup menu. Under the setup menu, you can enter the subtitle submenu and have two different sets of settings for two external subtitle 1 and subtitle 2. You can use LEFT/RIGHT Key to switch between subtitle 1 and subtitle 2.



- 11) When playing a BDMV folder, you can use "MENU" button to show BD Lite Navigation menu.



8.3 Play Music

- Method 1: Open MUSIC media library through main menu, select music, and then press "OK" to play the music.
- Method 2: Use "MUSIC" button to realize One-Touch-Music-Playback.
- Method 3: Open file manager, enter a storage device, and select music to play.

When playing music, you can use "MENU" button to select different repeat modes for playing such as play once, repeat the single, play one by one, random playback.
 When playing music, you can use "INFO" button to show the information of the playing music.

8.4 Play Photo

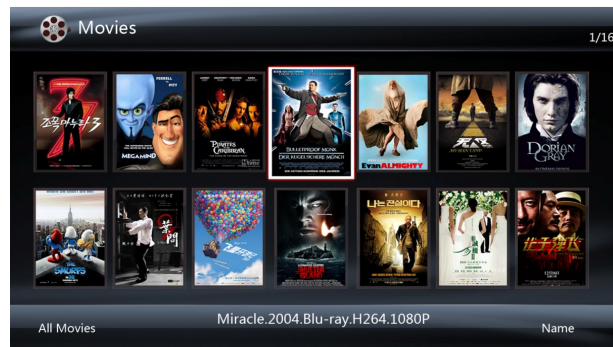
- Method 1: Open PHOTO media library through main menu, select a photo, and then press "OK" to play.
- Method 2: Open file manager menu, enter a storage device, and then select a photo to play.

- 1) When playing a photo, you can use LEFT/RIGHT Key to jump to the last/next photo.
- 2) When playing a photo, you can use UP/DOWN Key to rotate the photo.
- 3) When playing a photo, you can use "ZOOM" button to enlarge photo and "Directional Keypad" to pan the photo.
- 4) When displaying a photo in full screen, you can use "MENU" button to select the background music.
- 5) When playing a photo, you can use "MENU" button to set photo transition effect, slide show timing and background music etc.

The default settings for photo playback are 5 seconds time interval, random transition effect and repeat all mode.

8.5 Cover file

In the media library or file manager, the corresponding cover pictures stored in the file folders will be displayed when Media Cover Mode is selected.

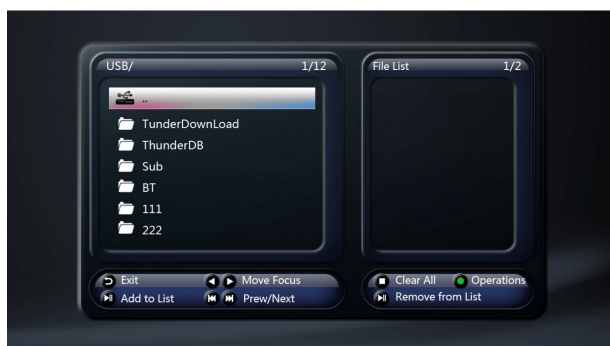


The rules for media cover:

- 1) For folder, it will display the first .bmp or .jpg file in the current folder. (Suggestion name: cover.jpg, folder.jpg)
- 2) For movie, it will display the .bmp or .jpg file with the same filename as the movie in the same folder.
- 3) For photo, it will just display the photo.
- 4) For music, it will display the .bmp or .jpg files with the same filename as the music in the same folder.

8.6 Music Playlist

In the music media library or file manager, you can use “Green” button to show “Operation Menu” , and then select “Multi-File Manage” to enter “Playlist Manage Menu” .



- 1) Use UP/DOWN Key to high-lighten a music, then press “PLAY” button to add the selected music to the playlist.
- 2) Use “Green” button to select “Save Playlist” .

In file manager, you can select the playlist file and then press “Green” button to modify the selected playlist.

8.7 Photo Album

In the photo media library or file manager, you can use “Green” button to show “Operation Menu” , and then select “Multi-File Manage” to enter “Playlist Manage Menu” .

- 1) Use UP/DOWN Key to high-lighten a photo, and then press “PLAY” button to add the photo to the album.
- 2) Use “Green” button to show “Multi-File Manage Menu” , and then select “Save Photo Album” .

In file manager, you can select the PhotoAlbum file and then press “Green” button to modify the selected photo album.

8.8 File Copy and Delete

In file manager, you can high-lighten a file or folder, press “Green” button to show “Operation Menu” , and then select “Multi-File Manage” to enter “Playlist Manage Menu” .

- 1) Use UP/DOWN Key to high-lighten a file, and then press “PLAY” button to add the file to the playlist.
- 2) Use “Green” button to show “Multi-File Manage Menu” , and then you can copy, delete or remove the file.

8.9 Play Media Files through Local Network

Network Settings

You can playback the multimedia files shared on the local area network (Ethernet or WLAN).

Before doing that, please make sure that you have read “Network Settings on Chapter 3.0” and finish the related settings.

Playback from SMB(windows)

Do the setting on your PC:

- 1) Configure the IP address and make sure that the player and the PC are in the same sub network;
- 2) Configure the shared folder in window;
- 3) Disable windows firewall, and other applications with the firewall function;

TESTING

- A) On PC side, ping the player's IP address to make sure the network between the PC and player is working.
- B) Test the windows share setting by using another computer (PC) to access the shared folder.

Two methods for the media player to visit the shared folder.

Method 1: Through Workgroup and PC ID Login

Make sure that the media player is connected to network, enter file manager, select network, press "OK" to find your PC's workgroup and your PC's ID. In the pop up Network Browser, input your PC ID and Password to login. (The PC ID and Password is created when PC shares the file folder.)

Method 2: Through My_Shortcuts Login

Make sure that the media player is connected to network, enter file manager, select network, press "OK", select My-Shortcuts, press "Red" button to display Tool Menu, and then you can add, modify or delete shortcuts in the menu.

Use soft keyboard to input network User ID, Password and File Server's IP. Press "OK" to add shortcut. If the input ID and Password is correct, it will display Login Succeed.

After successful login, you can navigate and play shared files like local files.

Note:

1. While playing high definition video files (resolution up to 720p / 1080i / 1080p) via Ethernet or WLAN, the video might be stuttering due to slow network speed or poor signal strength.
2. Due to different network conditions, sometimes the workgroup might not be accessible or shown in the list. Then you need to use 'My Shortcuts' to browse shared files
3. Some 1080P videos may not play smoothly when stream them via network.

Playback from UPNP

Please configure the UPNP server on the PC. Please refer to

http://en.wikipedia.org/wiki/UPnP_AV_MediaServers for detailed information and UPNP setup.

Make sure that the media player is connected to network and UPNP server is on. Then go to file manager mode and select UPNP. The media player will automatically search the UPNP server.

After search completes, the media player will automatically show the title of available UPNP servers.

After successful login, you can navigate and play the remote files like local files.

Note:

- 1) Different UPNP servers have different rules for file filter. Some UPNP server doesn't support MKV, RMVB file.
- 2) The external subtitle file cannot stream together with video from the UPNP server.

8.10 Share Media Files on Windows7 or Smart Phone

Make sure that the media player is connected to network by going to Setup?Network?Network Info to check the current IP of the media player.

Share the media files on Windows7

- 1) Connect Windows7 and your media player into the same network.
- 2) Enter Setup?System?DLNA DMR and Select "On".
- 3) Enter Setup?System?Device name and give the media player a name, such as "jame".
- 4) To share the media file from Windows7 to the media player, you need to select a media file (movie, music or photo) on PC, click mouse's right button to show the context menu, click play in the context menu, and then select your media player (such as jame) in the sub menu.



Share media files on Smart Phone

Please install mediashare or eyecon on your Android Smart Phone or iPhone. With mediashare or eyecon, the media player can play the media file in your smart phone.

Note: The WIFI of your smartphone and the network of your media player must be in the same network.

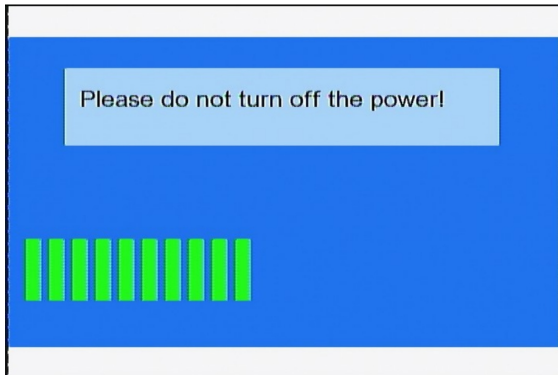
Please refer to: http://www.bianor.com/ims/quick_start.html

Note: If the media player didn't appear on your windows7 or smartphone, you can turn off and then turn on the DLNA service again in the Setup page.

9.0 Firmware Upgrade

9.1 Standard Mode Upgrade

- 1) Rename the downloaded firmware to install.img;
- 2) Copy the "install.img" to the root directory of USB disk. Insert the USB disk into the media player, and then turn on the player;
- 3) After boot up, enter "Setup" menu;
- 4) Use the directional keypad to enter "MISC" menu;
- 5) Use the directional keypad to select "USB upgrade" ;
- 6) Press "OK" to start the upgrade process; The following page will show up.



It will take about 3 minutes. (Note: please keep POWER ON during the whole updating process.)

9.2 Safe Mode Upgrade

If normal mode firmware upgrade failed due to power lost during upgrade process, you can use the following method to recover it.

- 1) Rename the downloaded firmware to install.img;
- 2) Copy the "install.img" to the root directory of USB disk. Insert the USB disk into the media player;
- 3) Press and hold "UPGRADE" button in the little hole on the back panel of the media player;
- 4) Power on the media player (Don't release the "UPGRADE" button until the "UPGRADING START PAGE" appears);



- 5) It will take about 3 minutes. (Note: please keep POWER ON during the whole updating process.)

9.3 Tips for Upgrading Firmware

- 1) Must rename the downloaded firmware to install.img.
- 2) Must copy the "install.img" file to the root directory of USB disk.
- 3) If your USB disk is not detected, please format your USB disk or change to a new USB disk.
- 4) Please make sure there is only one "install.img" file if there are several USB disks connected to the media player.
- 5) Different models of media players may require different firmware. Please use the correct firmware to upgrade.