



HDeyeshot

EG-M31A

— Manual



WARNING :

- 1 . Only qualified service personnel is allowed to do repair works.
- 2 . To reduce the risk of fire and electric shock, do not expose this unit to rain or moisture.
- 3 . IMPORTANT SAFEGUARDS.
 - 1). Instruction should be read carefully before the product is operated.
 - 2). Don't touch electriferous plug by using wet hands.
 - 3). When unplug from power outlet, take hold of plug head, but don't draw power cord.
 - 4). Press power key to turn power off when you no longer use the product.(Unplug the cable when don't use it for a long time)
 - 5). Don't open the cover or touch all components inside of the product .
 - 6). Don't install&operate this product in the sunshine or hereby heat sources to protect it from overheating.
 - 7). This product should be placed on a flat station with good ventilation to avoid overheating.
 - 8). Use a dry cloth for cleaning.Do not use lipid cleaners or aerosol cleaners.

EG-M31A (HDeyeshot) User Manual

No.1 Simple introduce	3
No.2 How to install HDD into the unit.....	7
No.3 Connecting method.....	9
No.4 Install software and basic operations.....	12
No.5 Remote control defination.....	32
No.6 Firmware update guide.....	34
No.7 Q & A	36

No.1 Simple introduce

Hardware

- CPU:SIGMA DESIGNS SMP8635
- Mips 300MHz ,Secure CPU For DRM and CA software:200MHz
- DDR-1 DRAM support:64-bit 512MB
- External NOR Flash Support:16-bit 256MB
- Audio DSPs:300MHz

Video Output :

- HDMI
- YPbPr
- Composite

Audio Output :

- Stereo
- SPDIF Digital audio output

Networking :

- Ethernet interface, 10-baseT/100-baseT

USB :

- USB 2.0 host 2 port
- USB 2.0 slave
- Device Classifications : Mass storage device

HDD Type :

- SATA I/II HDD

FORMAT:

- EXT3
- NTFS/FAT32

Power :

- adapter AC100~240 V,DC12V/2A &5V/3A

Human Interface Device :

- Handheld remote (standard)
- USB keyboard (optional)

Connectivity Protocol(s) Support :

Protocols :

- UPnP AV NMPR v2.1
- UPnP 1.0 (connect to myiHome Lite)
- Bonjour

NMT Streaming Application Specifications :

- Streaming via HTTP protocol over local network or the Internet
- WMS over HTTP support via the Internet
- RTSP over HTTP support via the Internet

Media Container :

Video [extension(s)] :

- ASF/WMV [.asf, .wmv]
- MOV/MP4 [.mov, .mp4]
- MPEG2PS [.ps]
- MPEG2TS [.ts]
- AVI [.avi, divx]
- MPG [.mpg, .mpe, .mpeg, .m2v, .vob, .vro]

Audio [extension(s)] :

- WAV [.wav, .pcm]
- ADIF, ADTS [.aac]
- M4A [.m4a]
- O.G.G. [.ogg]
- ASF/WMA [.asf, .wma]
- FLAC [.flac]

Subtitle [extension(s)] :

- MicroDVD [.sub]
- SubRip [.srt]
- Sub Station Alpha [.ssa]
- Sami [.smi]

OSD Language:

- English (standard)
- Chinese Simplified (standard)
- French (optional)
- Spanish (optional)
- German (optional)
- Czechic (optional)
- Portuguese (optional)
- Swedish (optional)

Media Codecs :

Video :

- 4 standard definition streams (PAL and NTSC formats) in any of the following format: H.264, VC-1, MPEG-4 and MPEG-2, MKV, M2TS, TS, AVI
- One high definition stream 1920 x 1080i(60), 1920 x 1080p (30), 1280 x 720p (60) and one standard definition stream simultaneously
- H.264 MP/HP @L4.1
- VC-1/WMV9 MP@HL, AP@L3
- MPEG-4 ASP @L5 1
- MPEG-2 MP@HL and MP@ML

Audio :

- MPEG 1/2 Audio Layers I, II, and III (MP3)
- Dolby Digital(R) (AC-3)
- DTS
- PCM
- MPEG-2/4 AAC LC and HE
- Microsoft WMA and WMA Pro
- Supports the audio sampling rates at 8, 16, 22.05, 24, 32, 44.1, 48, and 96KHz
- Audio samples at 16, 20, 24, and 32 bits per channel
- FLAC (software decode)



Note: Additional formats available in future firmware releases

Photo formats :

- JPEG (software decode)
- Animated GIF89a, BMP and PNG in browser mode

NAS + Media Server feature :**Protocols :**

- DLNA v1.0 compliance on CTT test tools v1.0.
- UPnP AV NMPR v2.1

File Upload support :

- Samba version 3.0.21 (home-use)
- FTP for Digital Signage (commercial)

Download services :

- Bit Torrent btpd v0.12

NAS Management system :

- HDD format
- HDD partition create, copy, delete
- File transfer
- Password protection, etc.

Proprietary server :

- myiHome Lite (detection by Networked Media Tank slim client with UPnP 1.0)

Media Player extender :

- Supports any other DLNA compliant devices

Browser support :

- HTML 3.2 compliant and partial HTML 4.0 support
- Partial Javascript 1.5 support
- Partial CSS2 support

- Proprietary Consumer HTML support to ease navigation using a remote control
- Partial Cascading Style Sheet (CSS1)
- Partial Netscape and IE extensions including exception handling
- Cookies function support
- Full graphical frames
- Local file system implemented as disk on RAM and/or flash memory
- Fast HTML page and downloaded files caching in RAM disk
- Automatic local time synchronization with server time
- GIF87, Animated GIF89a, JPEG, and progressive JPEG image files support
- Portable Network Graphics (PNG) image files support
- Ability to support double byte character sets for internationalization effort.
 - Current supported character sets
 - English
 - Chinese Simplified (GB2312)
 - Chinese Traditional (Big5)
 - Japanese (ISO-2022JP, Shift-JIS, EUC-JP)
 - Korean (EUC-KR)
 - Hebrew (no right to left alignment)
- Secure Sockets Layer 2.0/3.0, TLSv1 40-bit and 128-bit encryption for secure online transaction
- Javascript/ECMAScript (ECMA-262) support

Playback feature support :

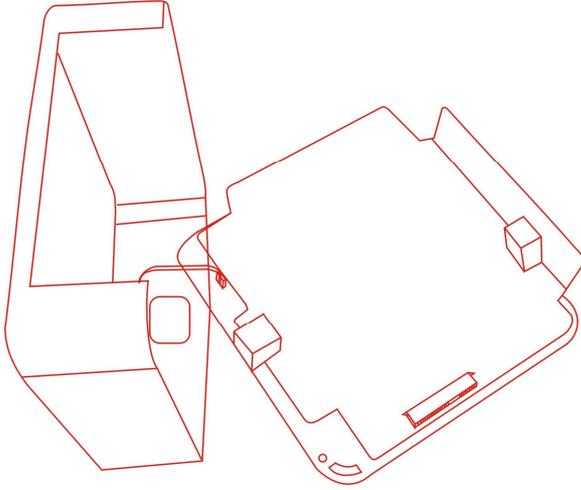
- Photo Album (JPEG) with the entire supported audio format as background music
- Internet Radio supporting Shoutcast server MP3 Internet Radio stream
- Playback control
 - Play/Pause,
 - Go to (seeking)
 - Fast Forward/Rewind
 - Slow Motion (MPEG-1 and MPEG-2 only)
- Audio and Video Play List supported
- MP3 playback with album art support
- proprietary server (e.g. myiHome Lite), allows playback on multiple platform (Windows XP, Mac OS and Pocket PC) via an Internet browser

Accessory packing:

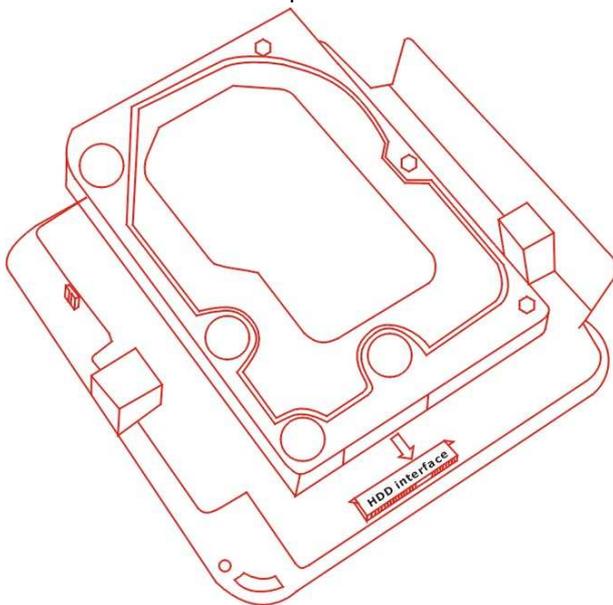
- Remote Control x 1PCS
- Power adapter 12V2A&5V/3A x 1PCS
- AC cable X 1
- CD-R X 1
- USB2.0 Cable x 1PCS
- HDMI Cable x 1PCS
- Optical Cable x 1PCS
- AV Cable x 1PCS
- YPbPr x 1PCS

No.2 How to install HDD into the unit

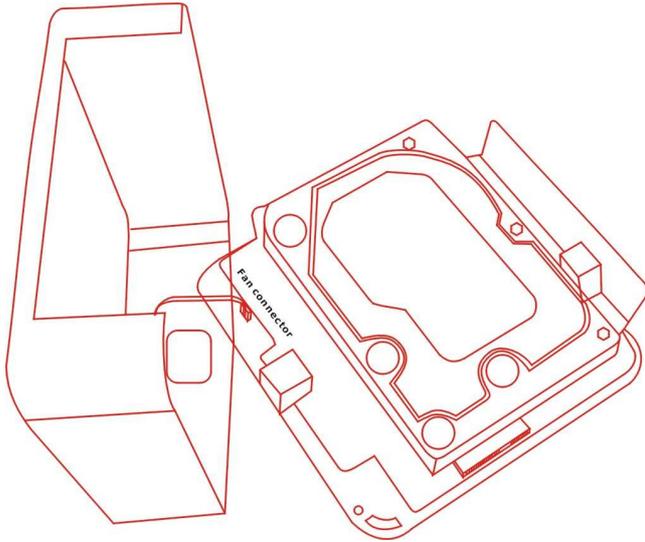
1). Open the case :



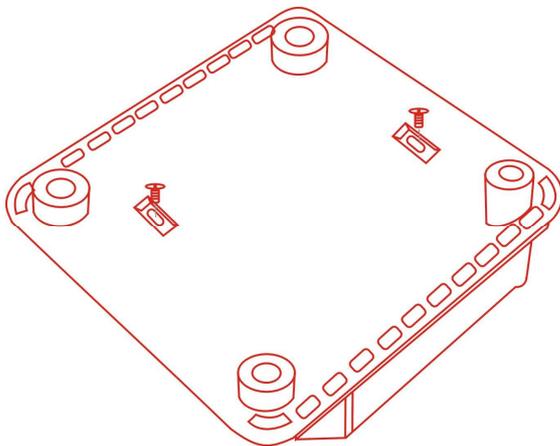
2). Put the SATA HDD into SATA interface, Those location holes should be matched with fixed column on the metal plate.



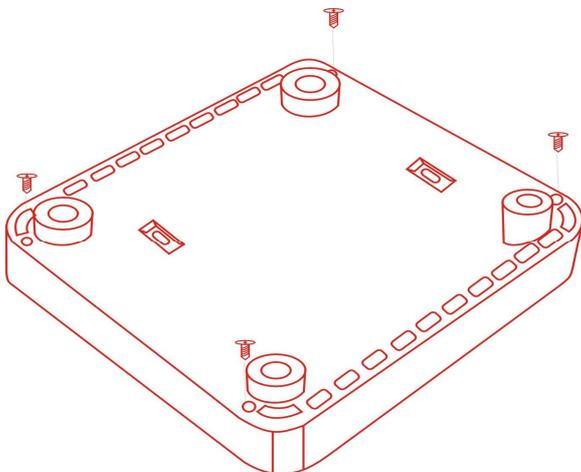
3). Pay attention to the fan, it should be connected with the case too.



4). Fix hdd with 2 screws like below instruction.

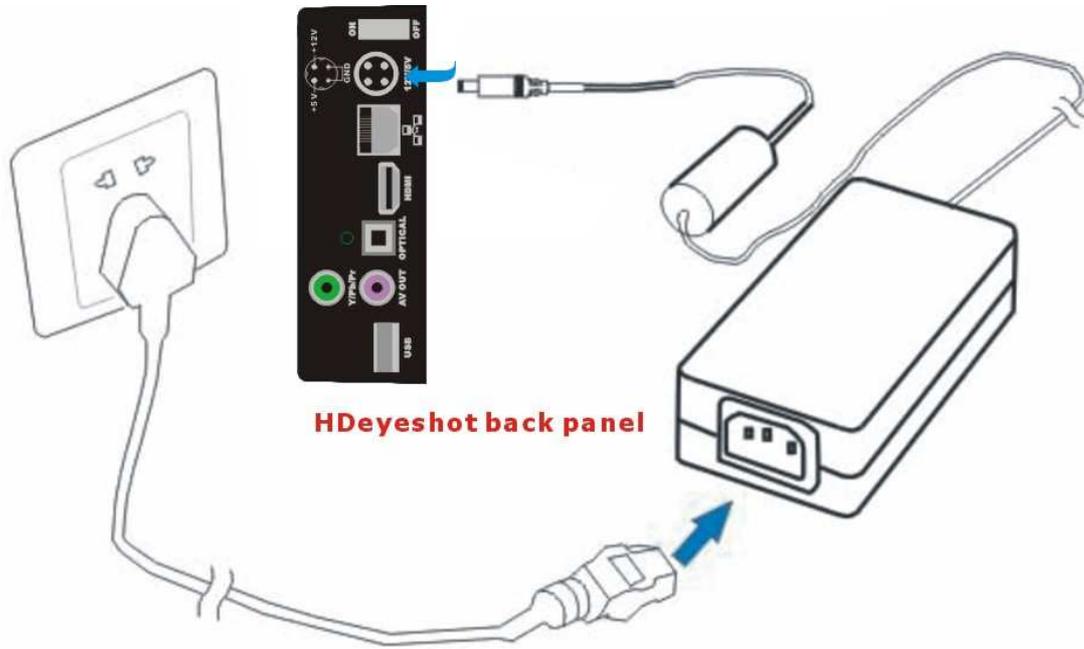


5). Close the case by 4 screws which has attached by factory.



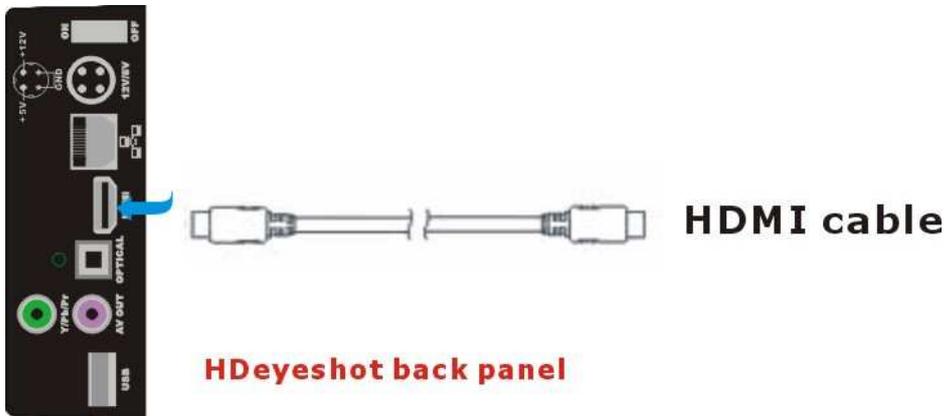
No.3 Connecting method

1). Connecting Power adapter:

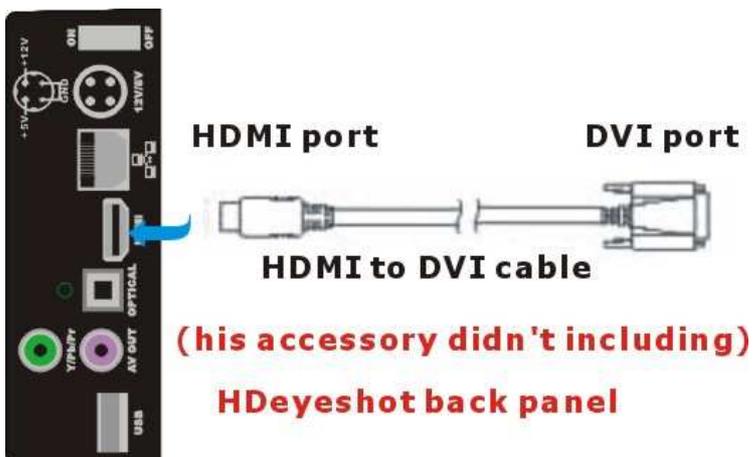


2). Connecting video:

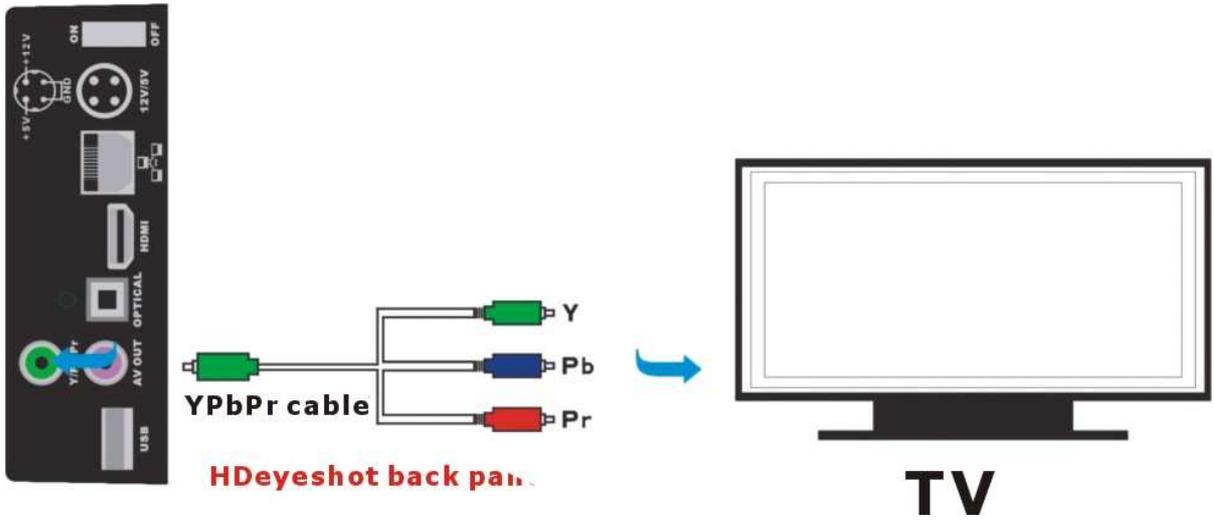
A. HDMI



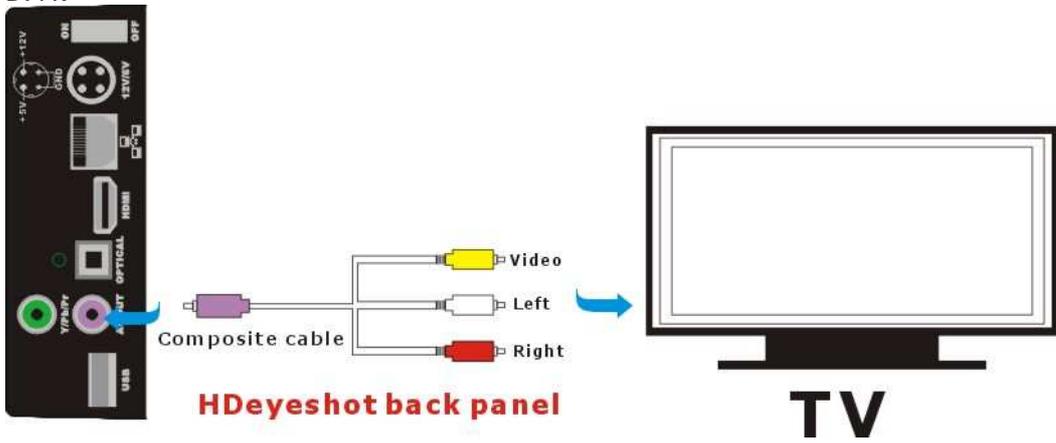
B. DVI



C. YPbPr

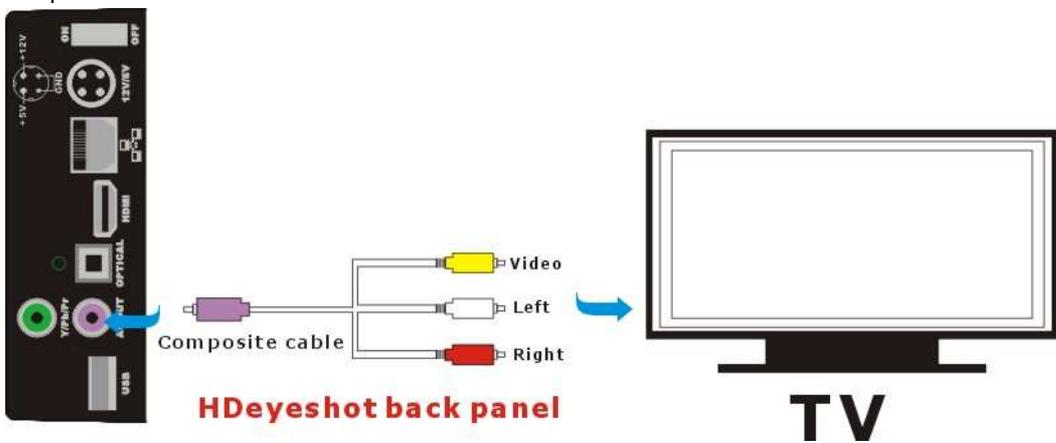


D. AV

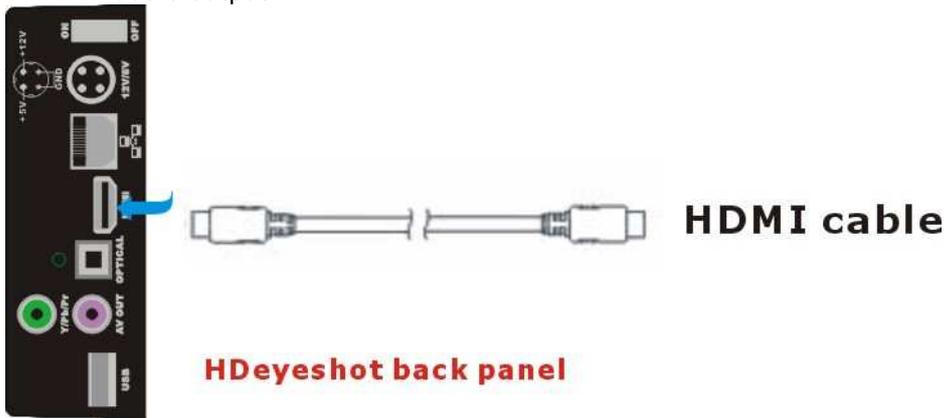


3). Connecting audio

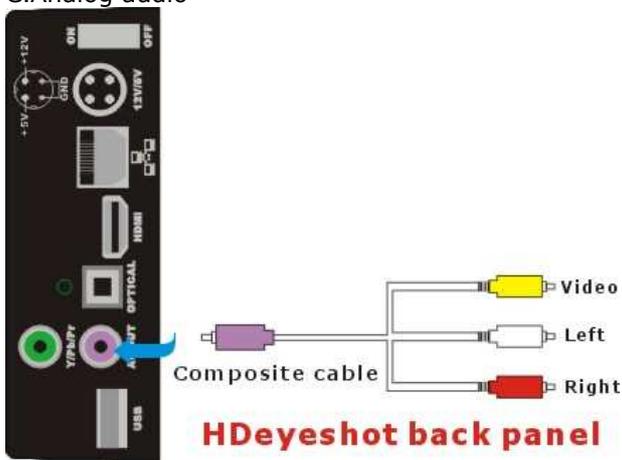
A. Optical



B. HDMI audio output



C. Analog audio

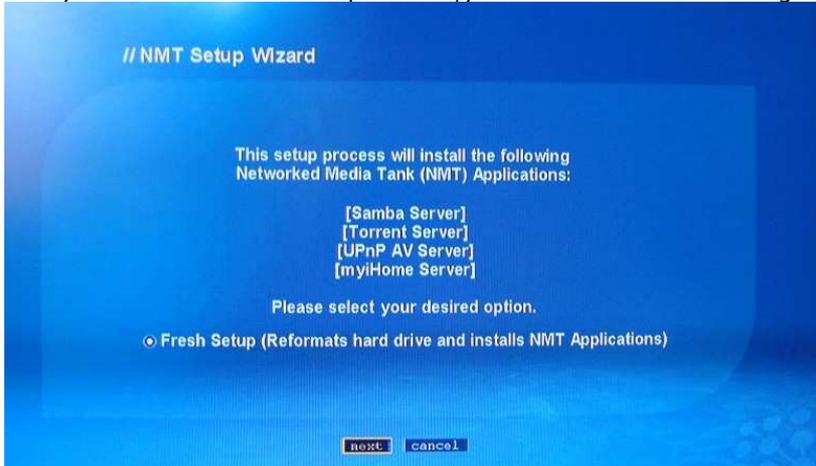


No.4 Install software and basic operations

1).format HDD and install NMT software

Note:Fresh setup will format the HDD and remove the contents.

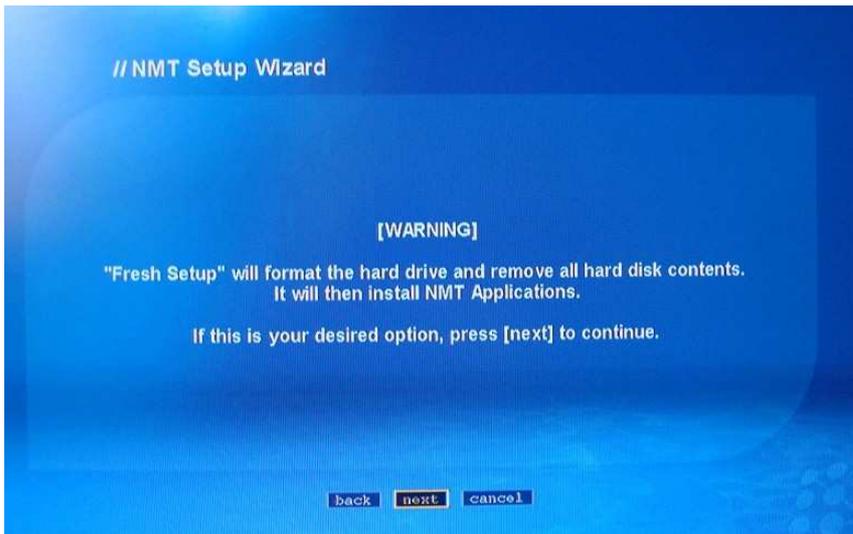
- Copy file  syb8634.nmt (12,940 KB) SMP8634.NMT into USB drive;
- Then plug it into USB HOST of the unit.
- Connect unit with TV.
- Choose the NMT setup Wizard,you'll find the installation guide.



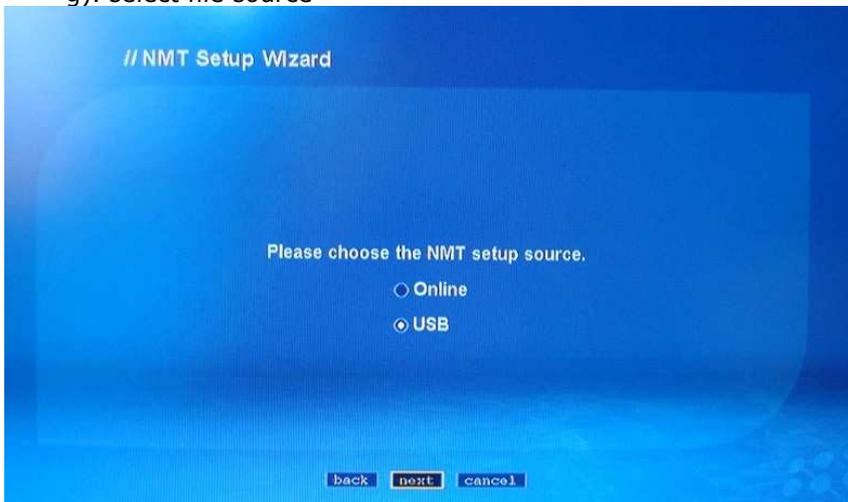
e).Select hdd format



f). Warning

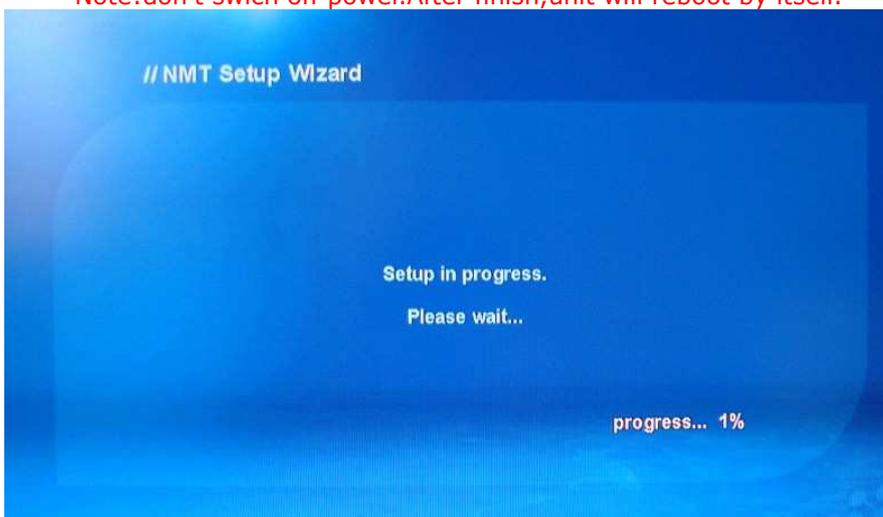


g). select file source



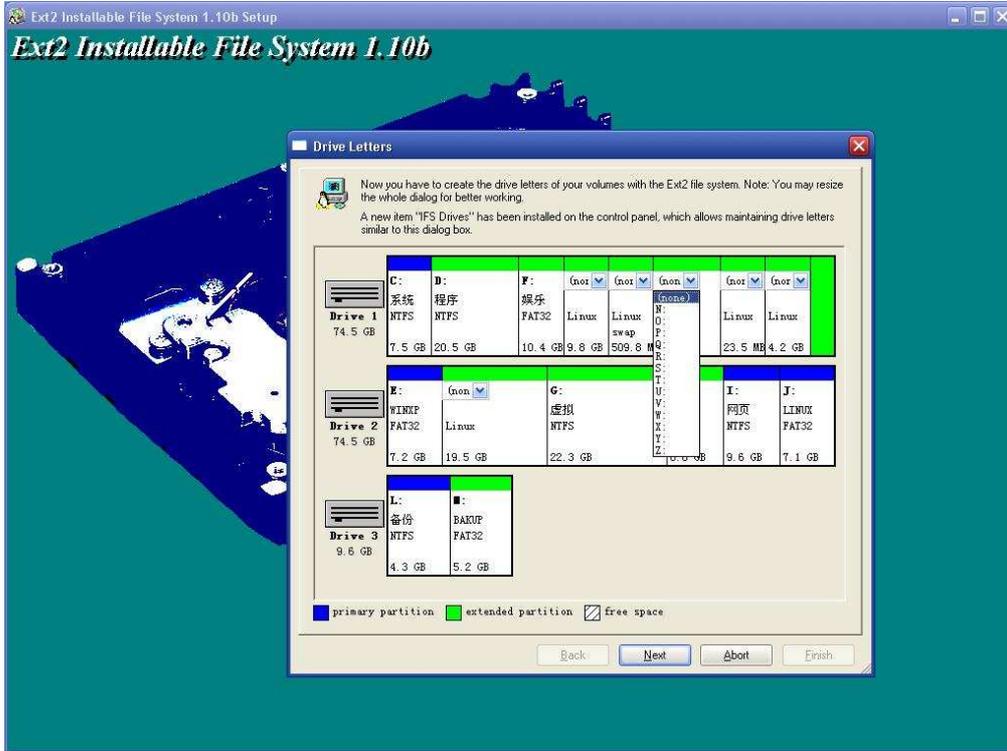
h). select USB and confirm, installation will be executed.

Note: don't switch off power. After finish, unit will reboot by itself.

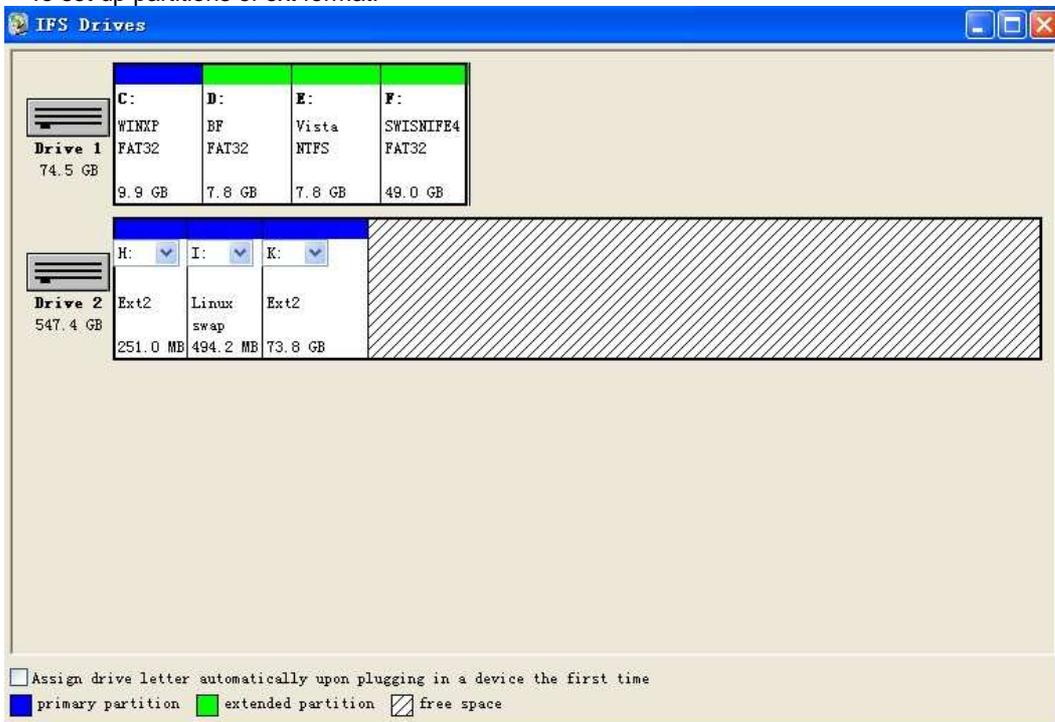


2. How to found the partition (EXT format) in WINDOWS OS ?

1). Open CD-R, select  , according to the set up steps, select next , finish setting.



2). after setting , enter start---set up---control panel, click "IFS DRIVES",enter below interface To set up partitions of ext format.



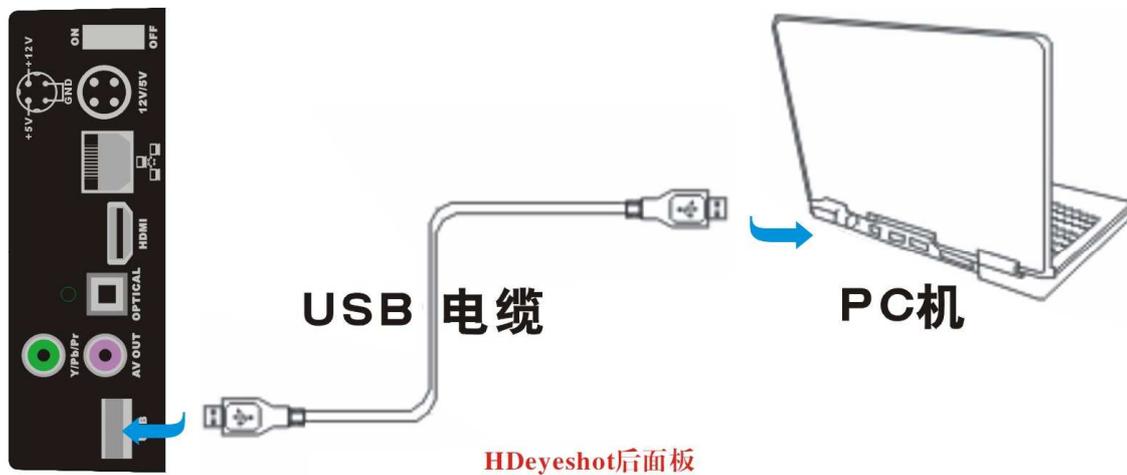
3). after partition setting, close this window. Click "my computer",you can see the new partition of EXT format. This time,you can copy file freely.



Notice:

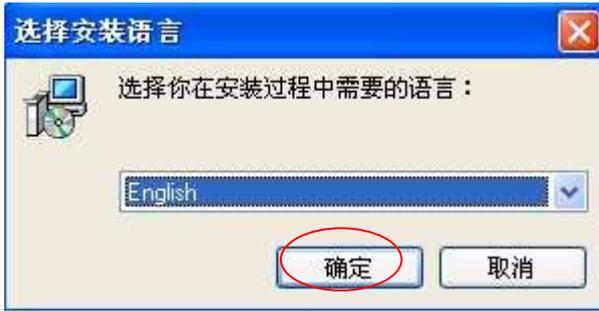
Linux Swap is the system partition of the server, it mustn't be deleted and formatted. The other two partitions needn't be revised or reformatted, otherwise, the system will remind the user to re-set up NMT software under play mode.

4). Connect with PC via USB cable, you can see the partitions.

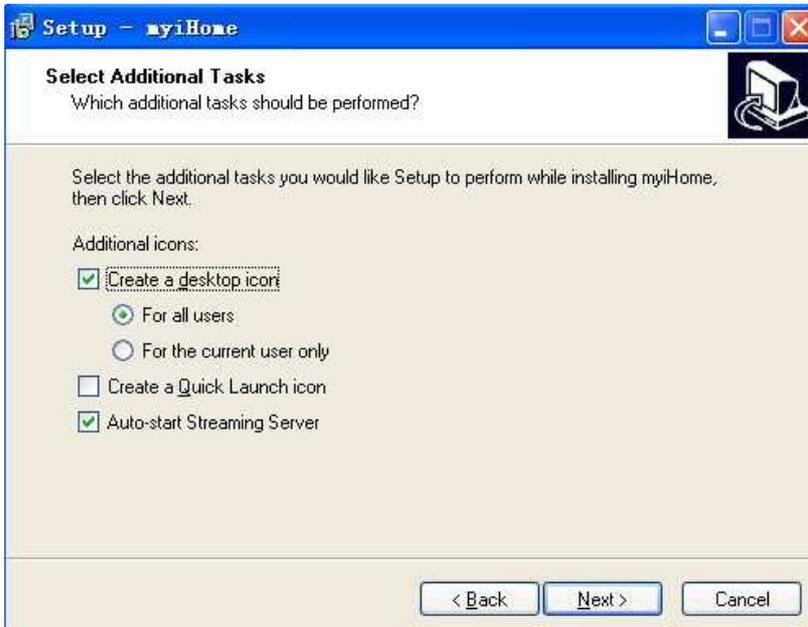
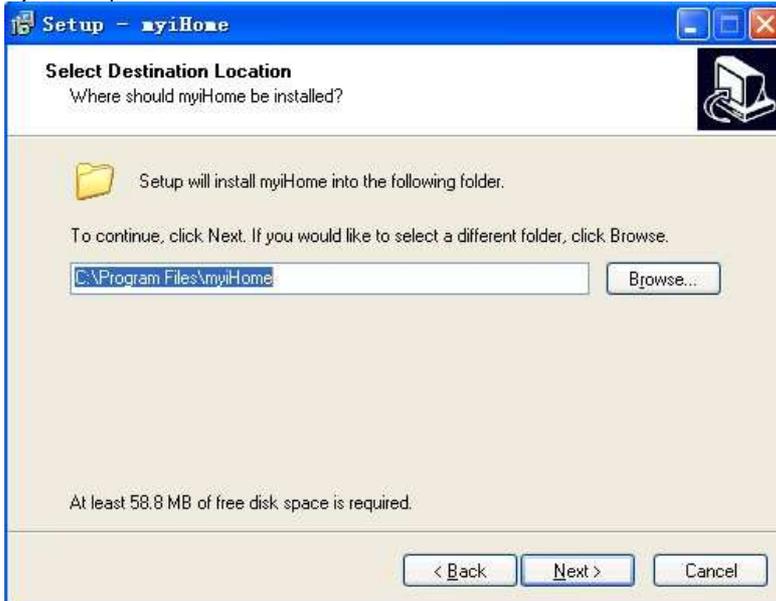


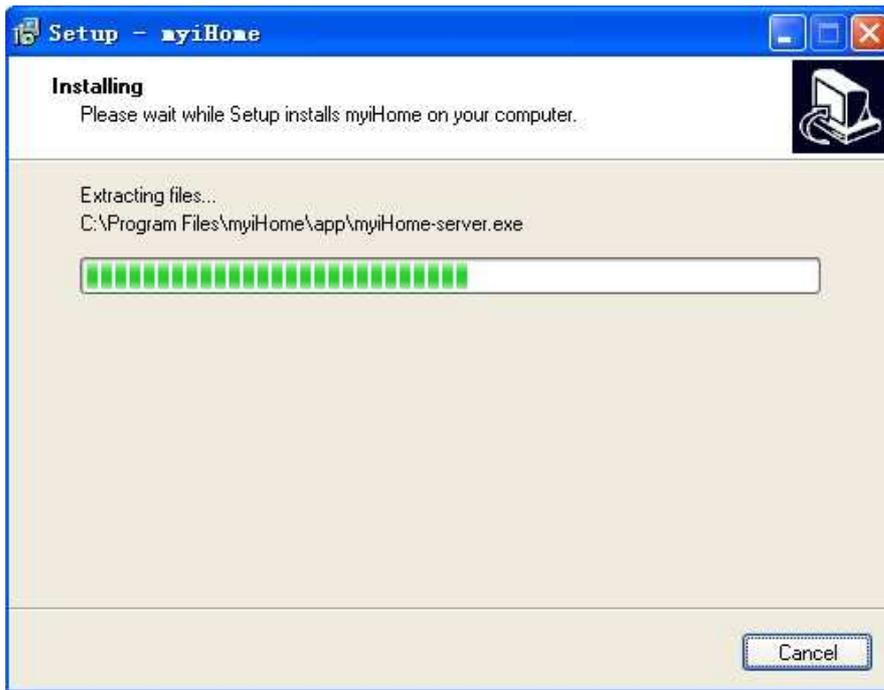
3. Myihome software installation.

1). Select  icon from CD-R, enter installation interface. select your language.

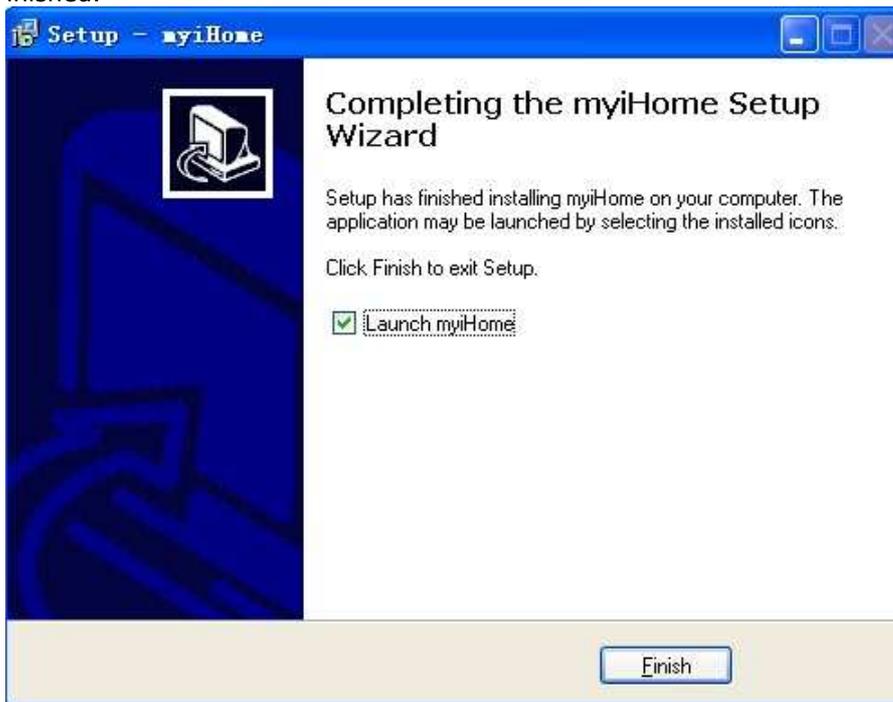


2). Enter, then next

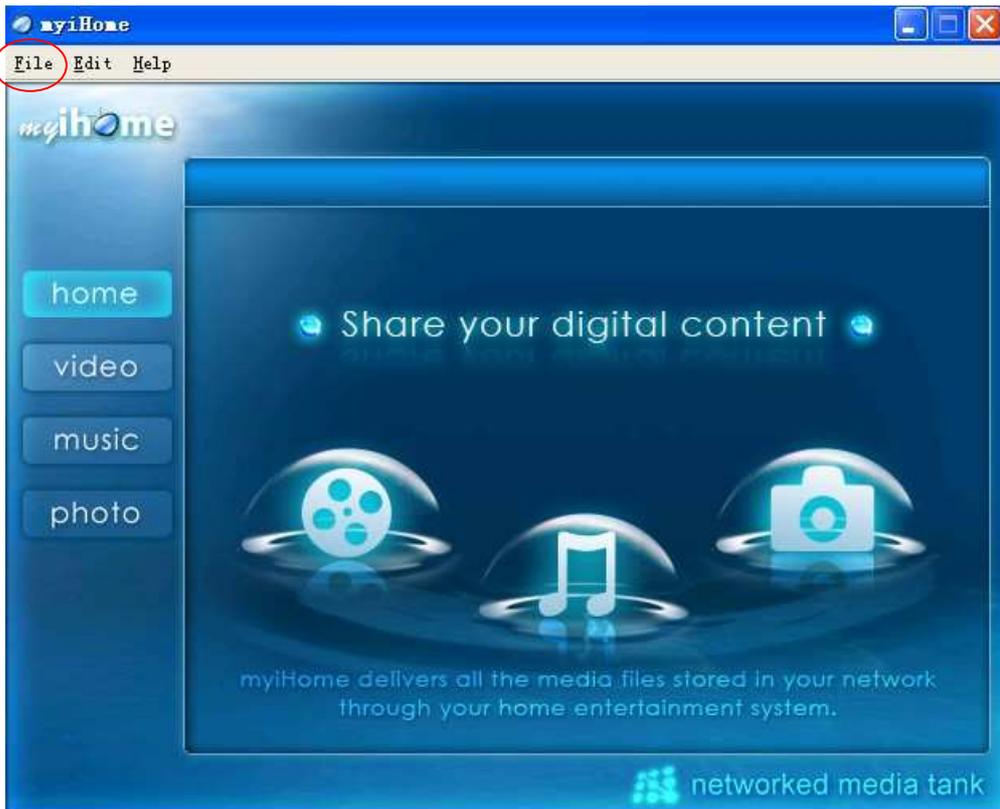




3). Finished.



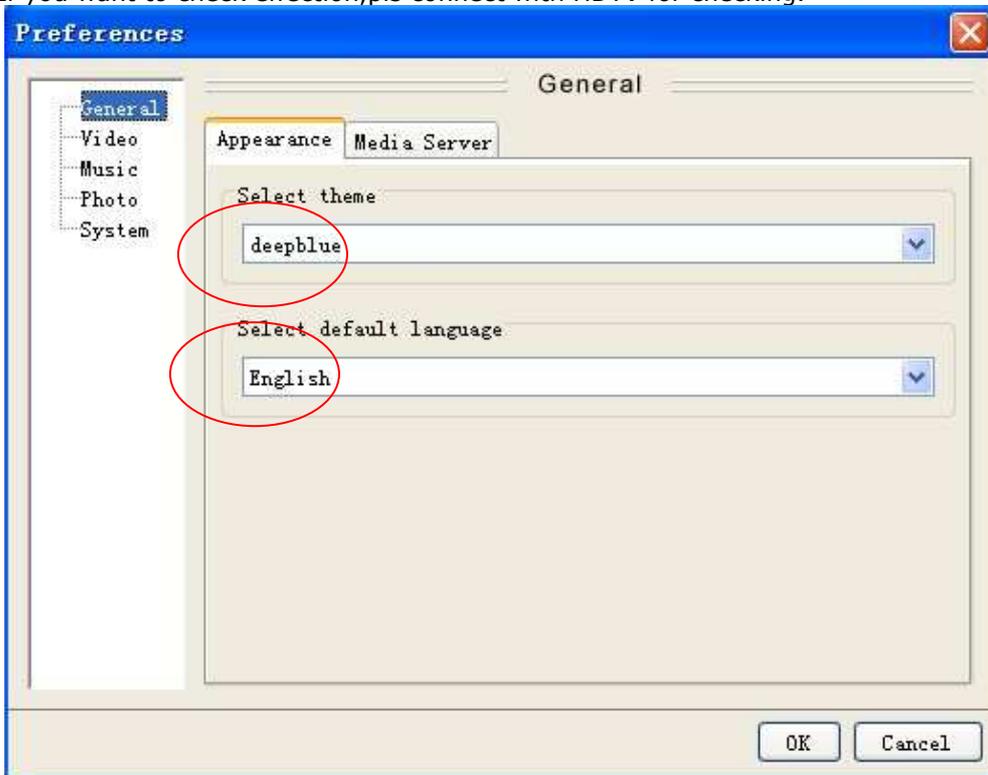
4). Click finish button, and enter MYIHONE menu.



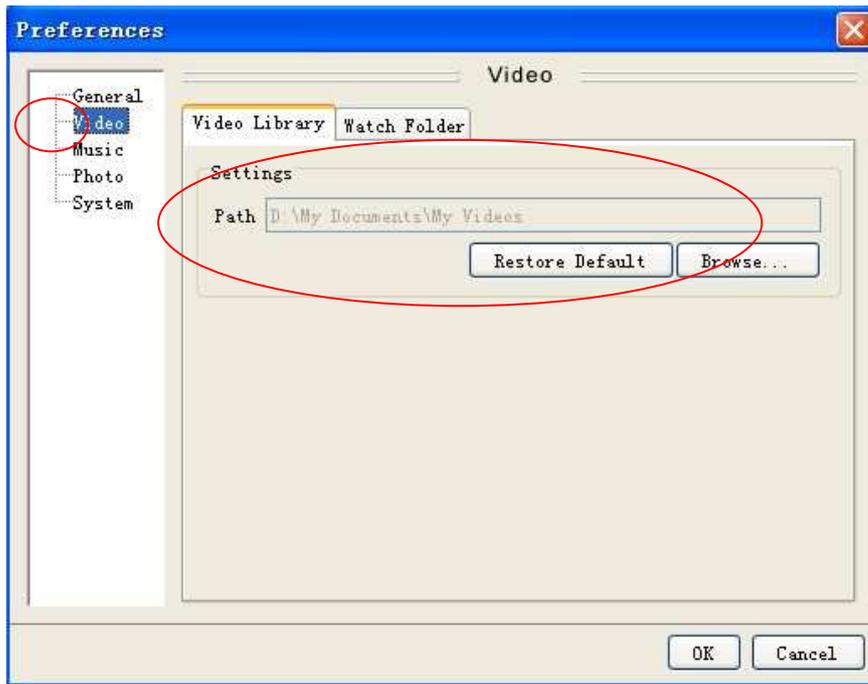
4. how to set up MYIHONE.

1). Select Edit, and set up background according to your own idea.

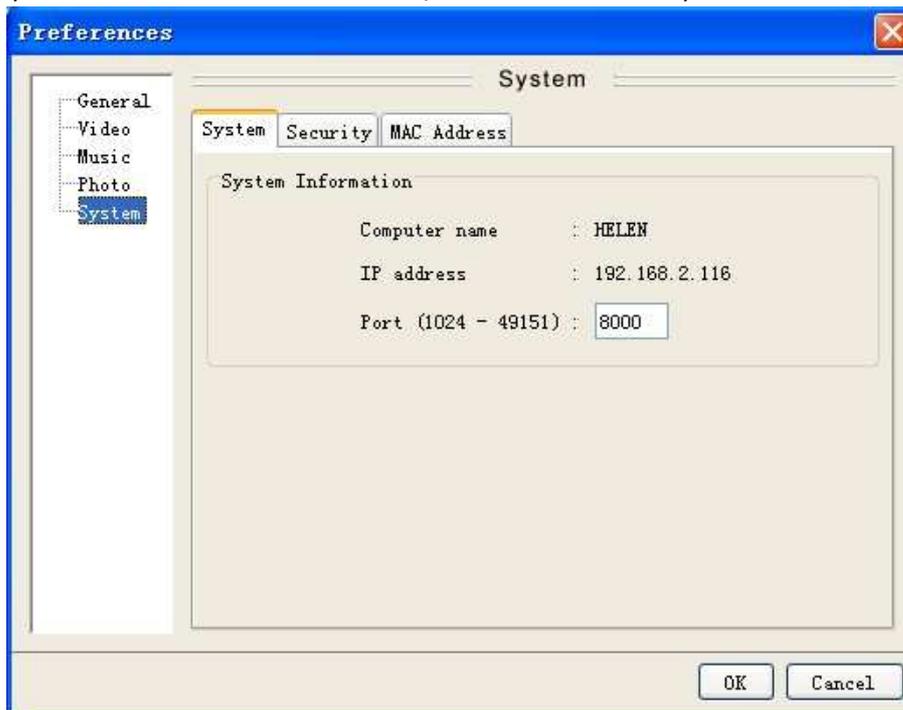
If you want to check effecton, pls connect with HDTV for checking.



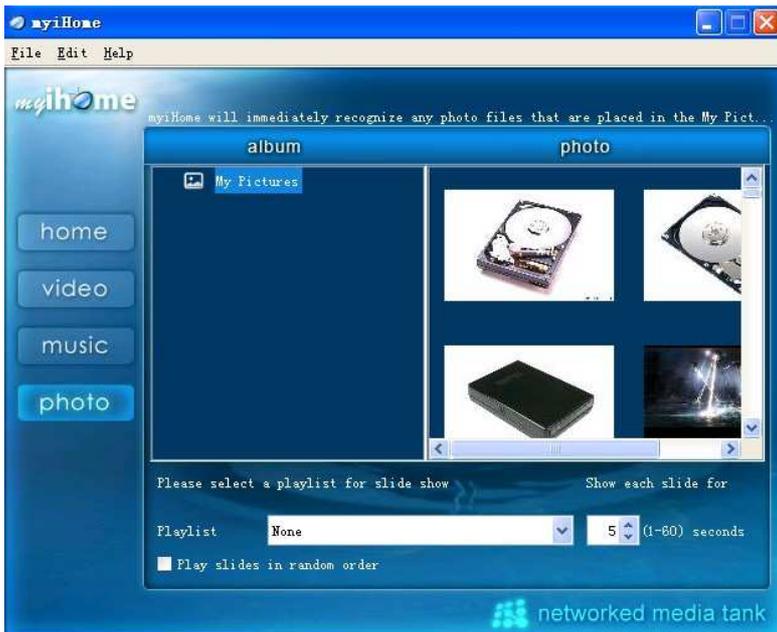
2). Select browse to seek multimedia files from your PC, and append these files into myihome, Click "ok" for save.



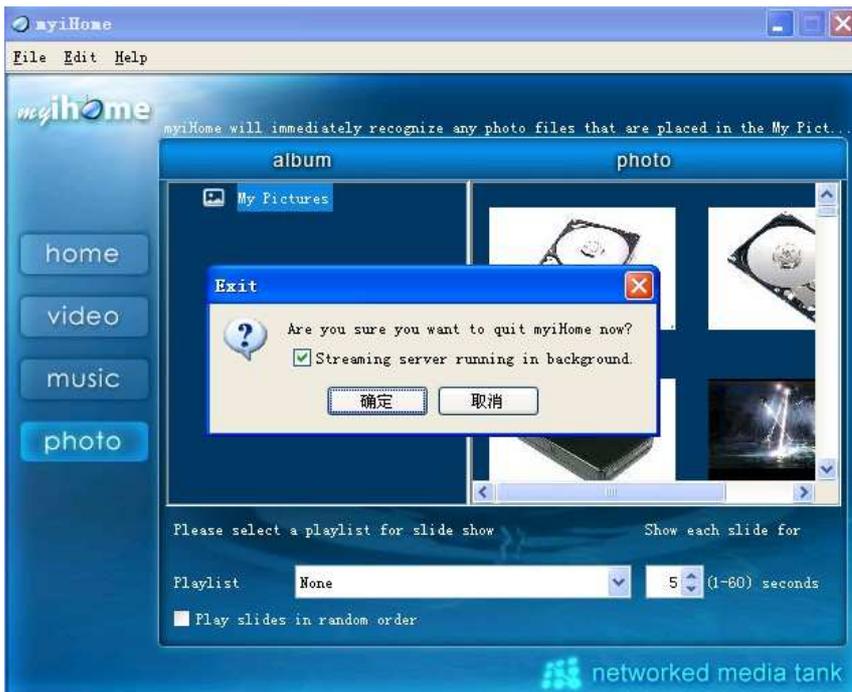
3). System information default is 8000,no need to revise anywhere.



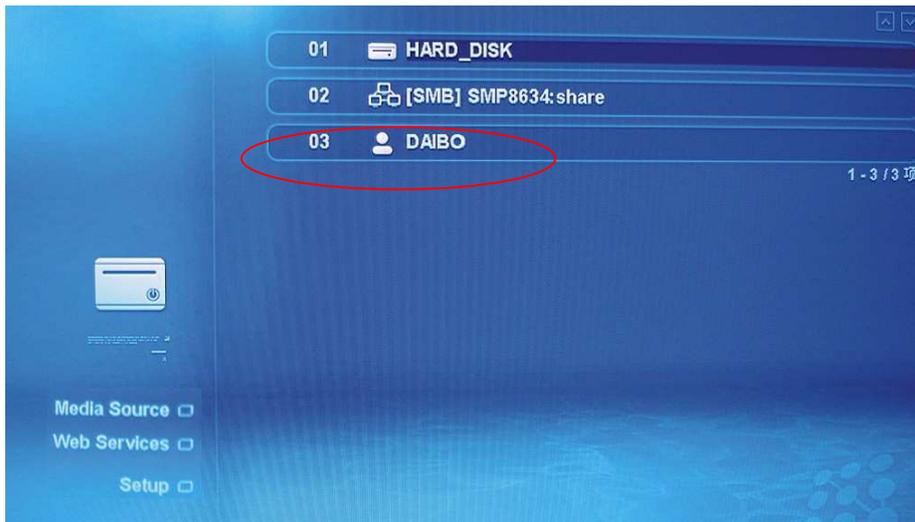
4). Return to main menu,you can see all the files has been save into this software already. You can set up playlist or photo play interval and so on.



- 5). After finish setting,tick this selection Streaming server running in background. before existing,then the icon  will appear on the monitor at the right bottom position.

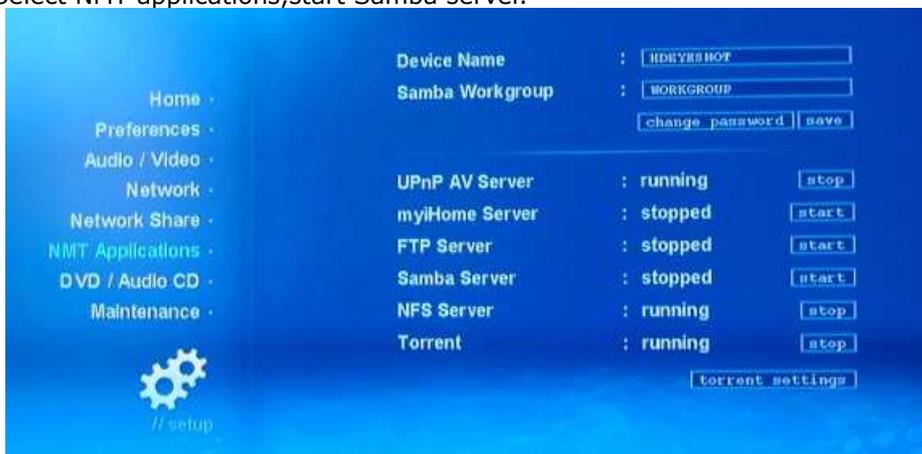


After finish all installation,this PC will be found in the media source.



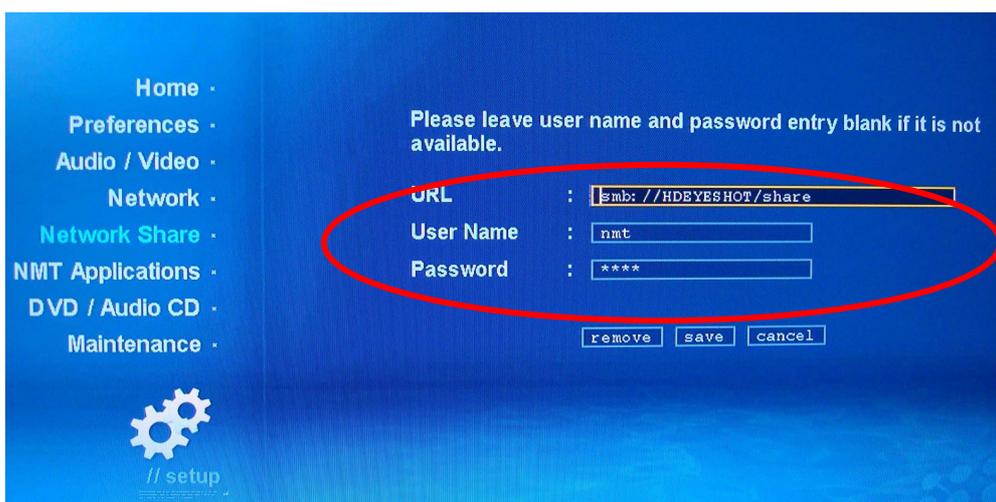
5. Network share

1). Select NMT applications, start Samba server.



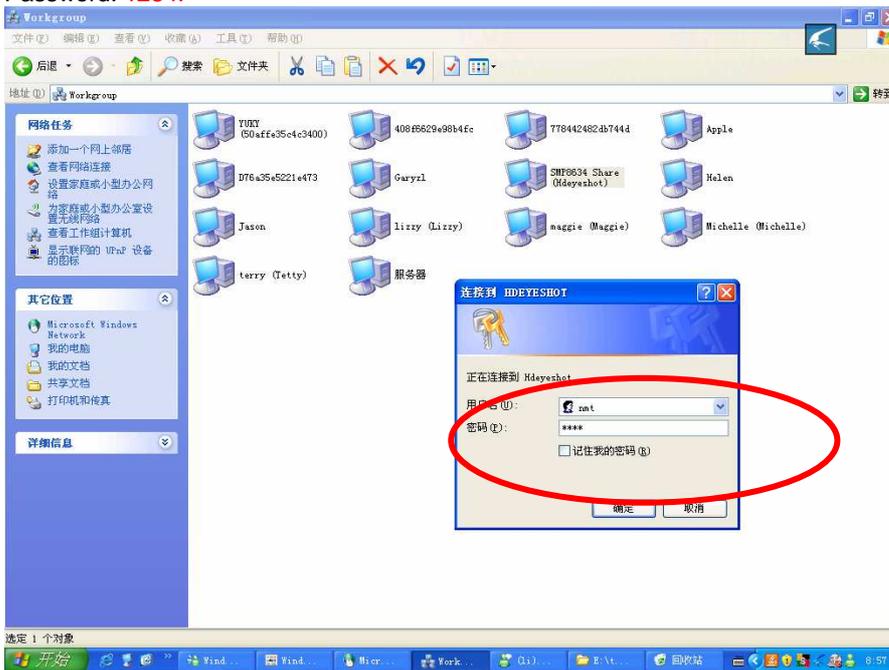
2). Find the unit from workgroup.

Select 'Network share' , default User Name is nmt, Password is 1234.

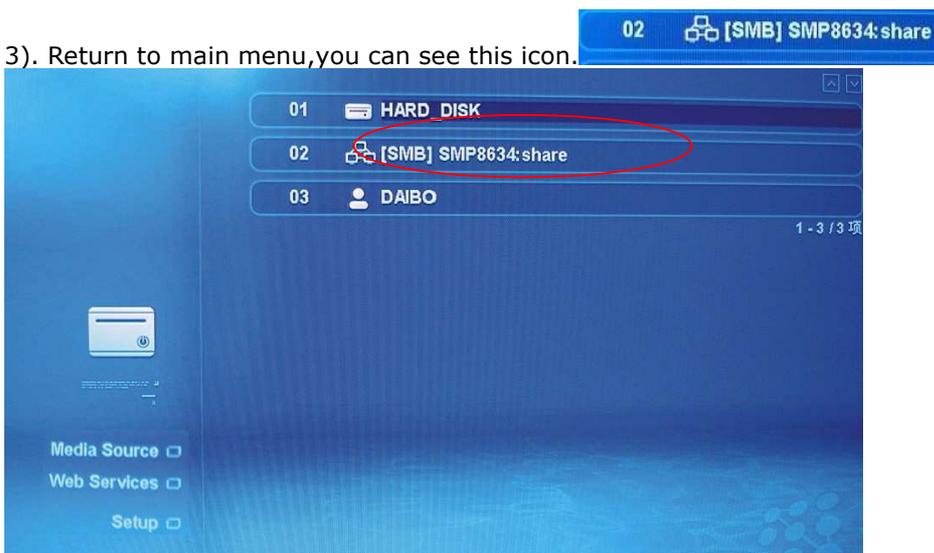




In the LAN, if other computer want to enter this share units, they should input the same user name:**nmt**,and Password: **1234**.

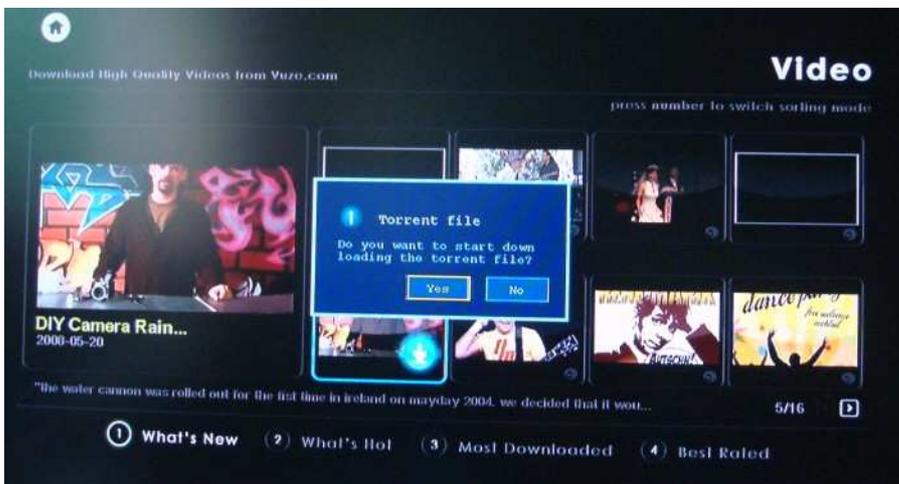


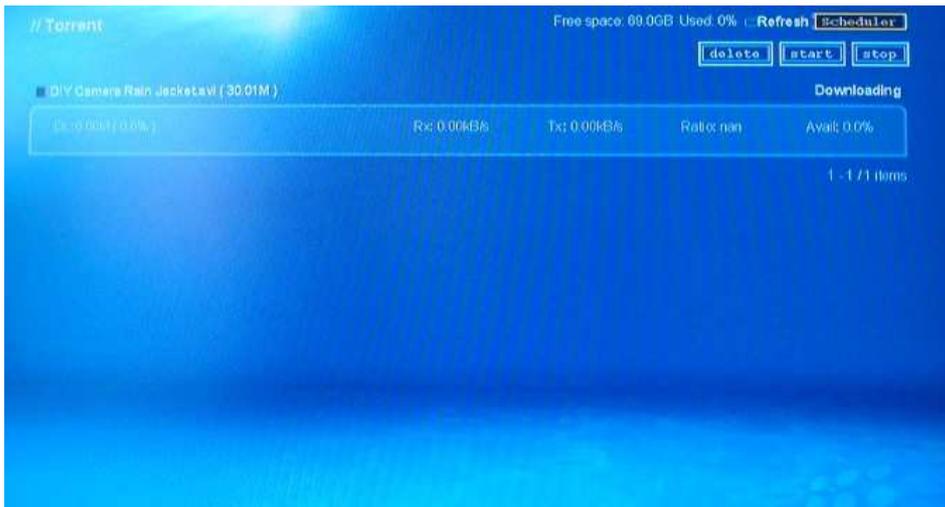
3). Return to main menu,you can see this icon.



6. MSP service and BT download.

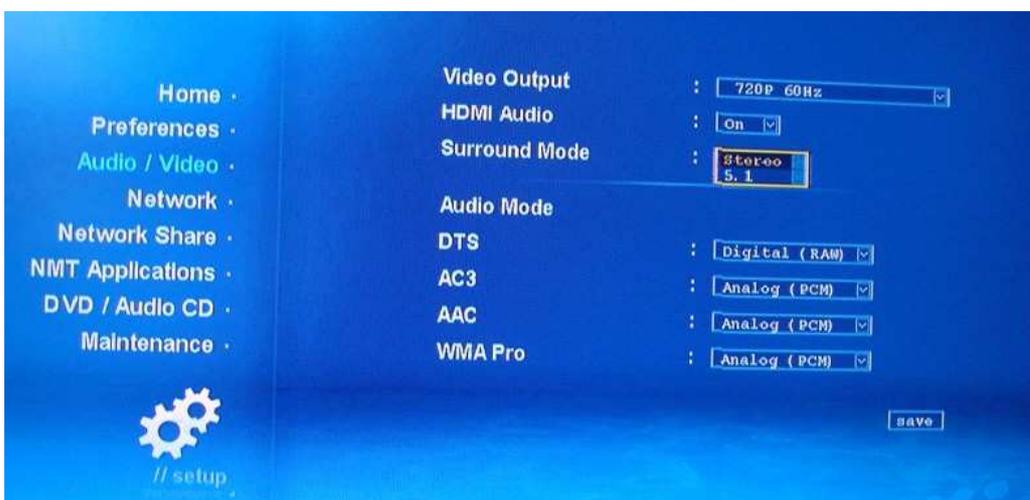
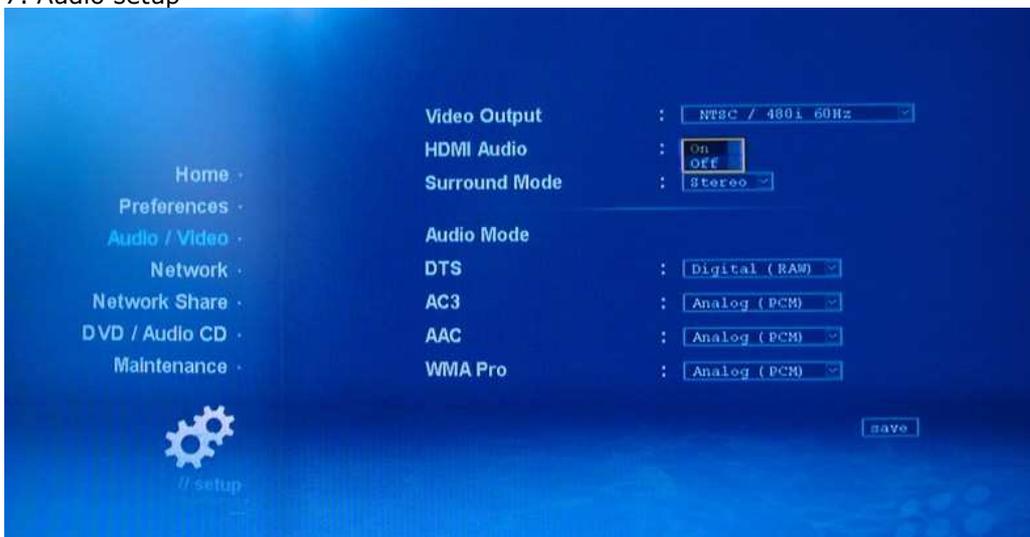
MSP interface:

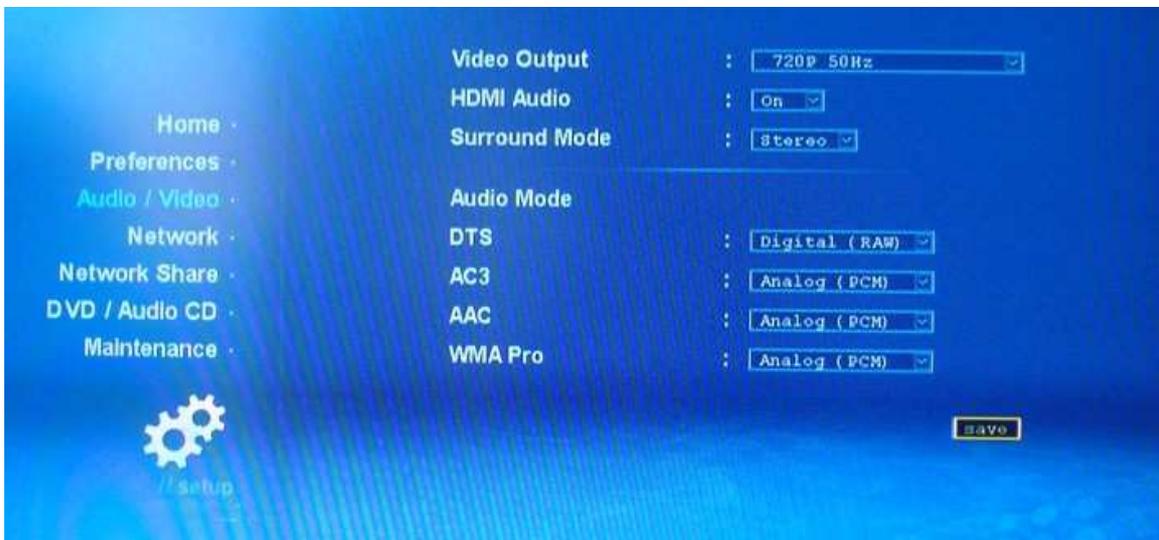
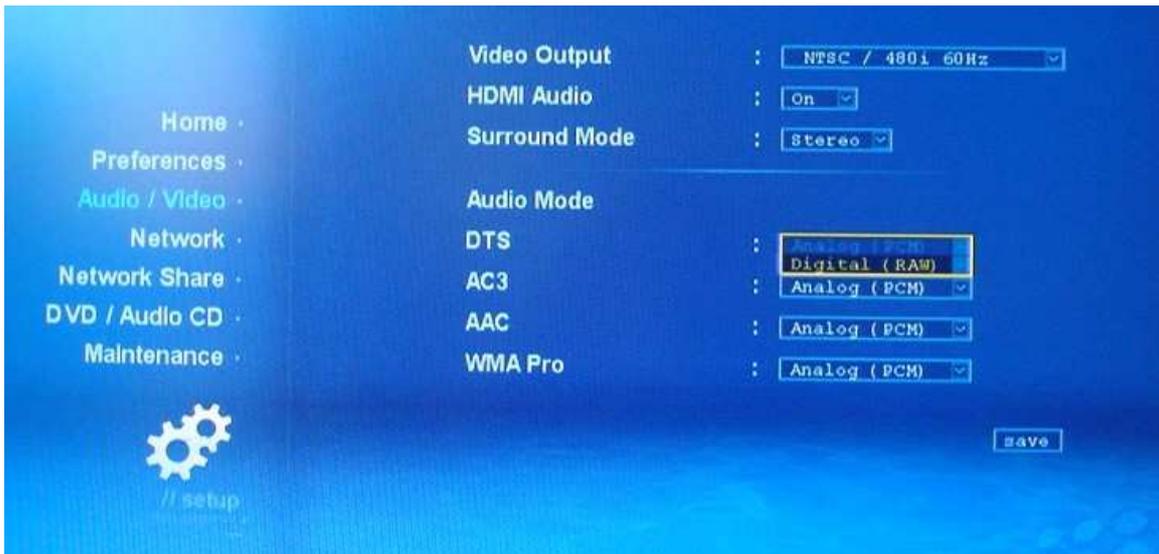




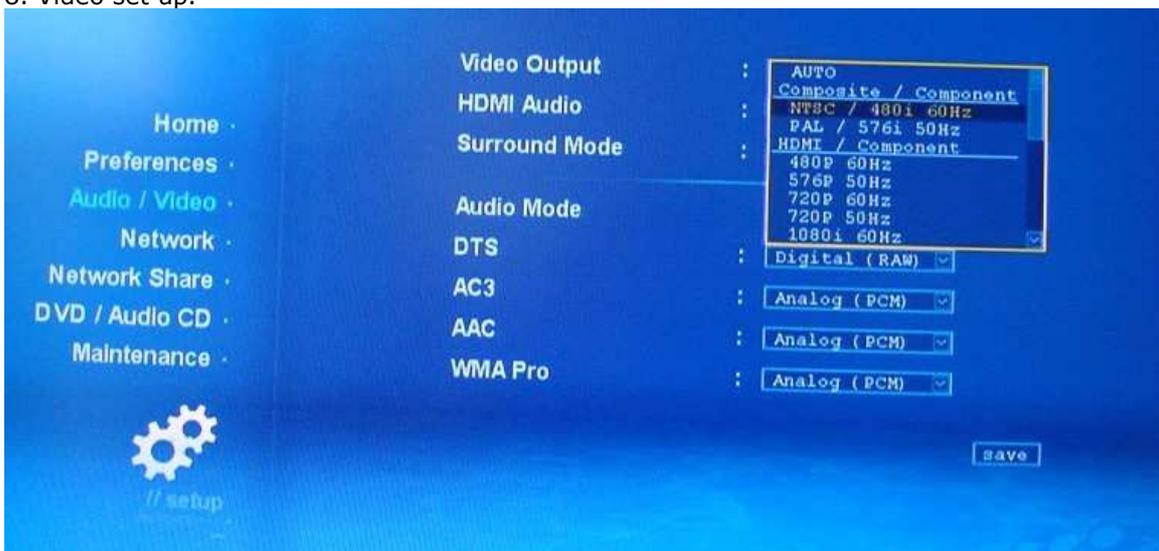
Other BT download method: copy BT seeds into USB drive. Insert this USB drive into usb USB host of unti, select seeds from . After confirm, above picture will appear.

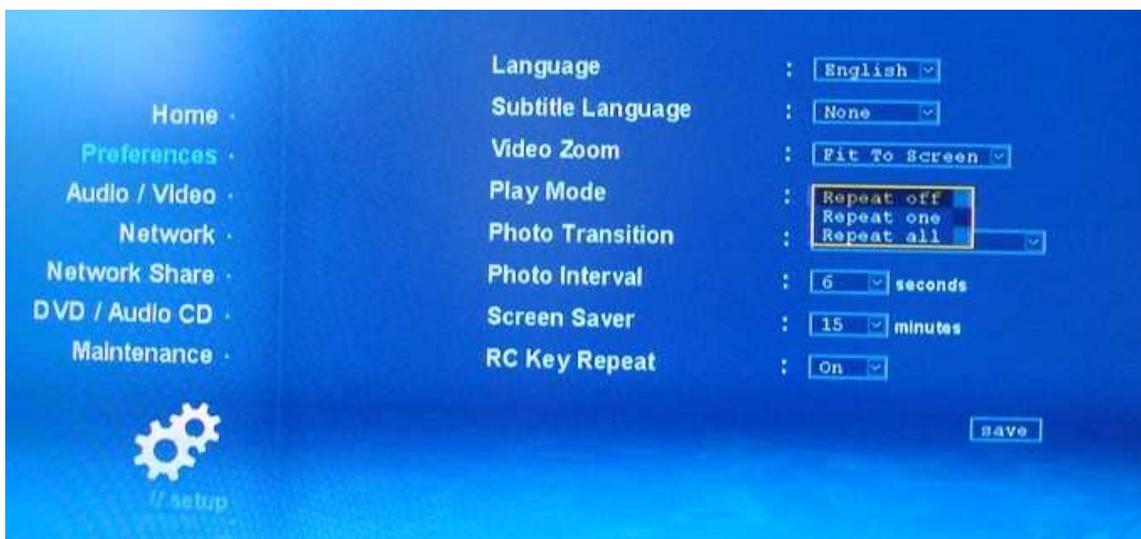
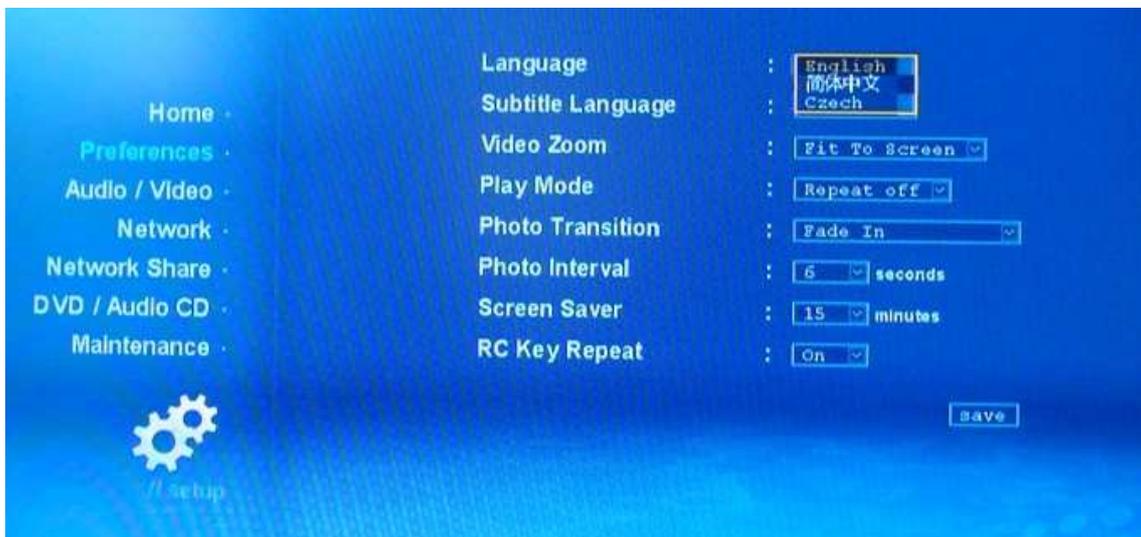
7. Audio setup





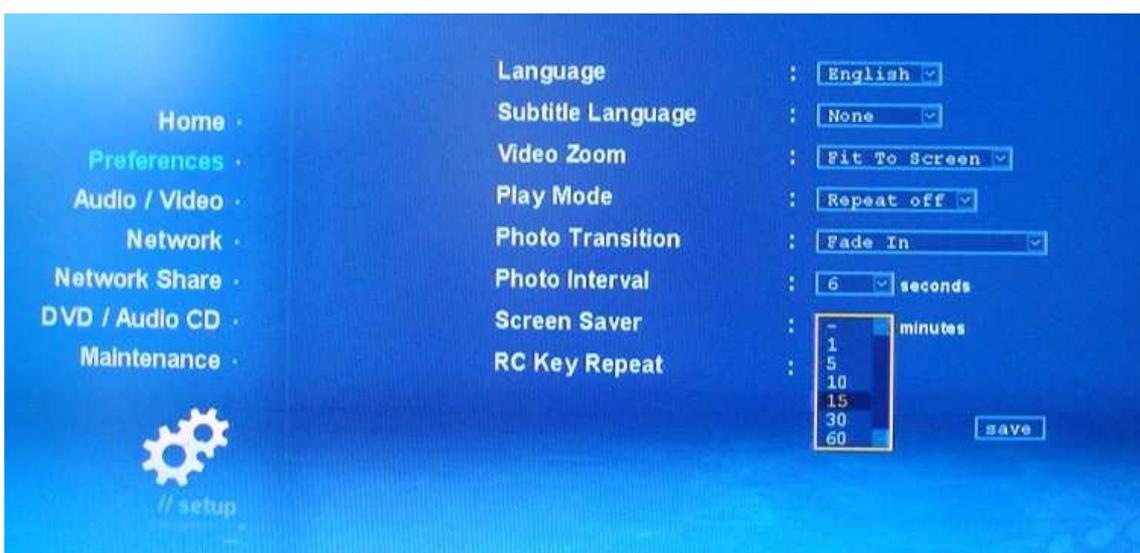
8. Video set up.

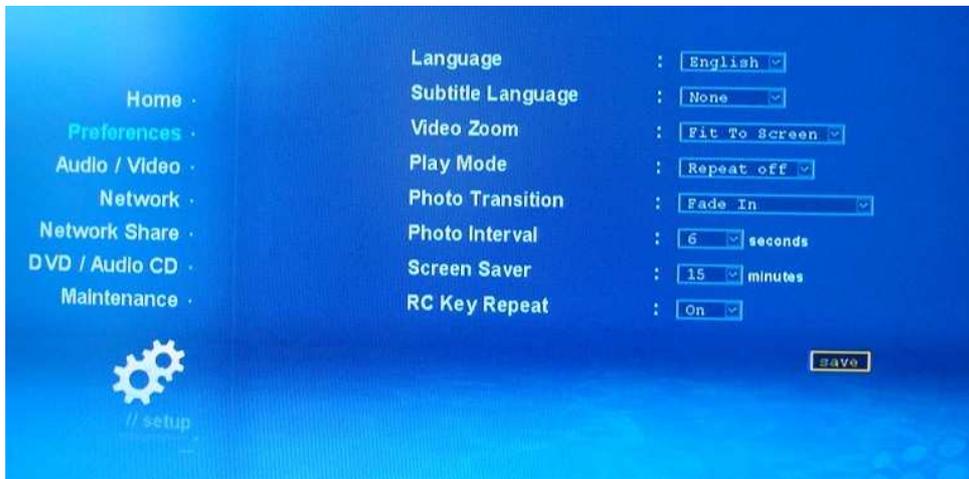






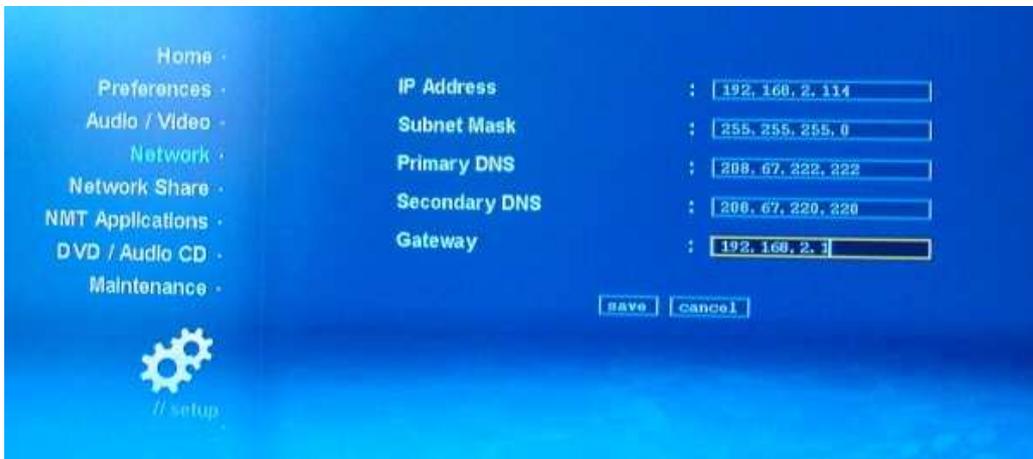
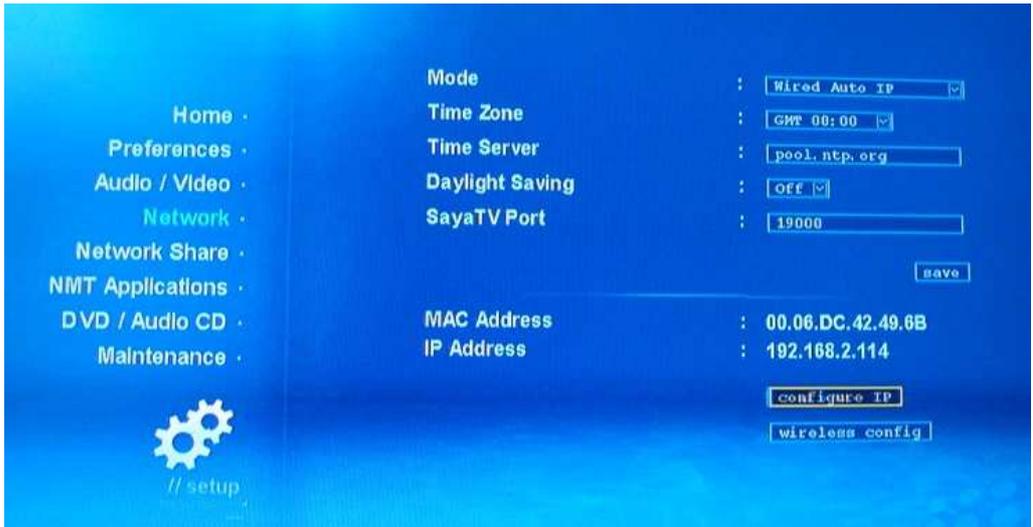
Picture display interval setting.



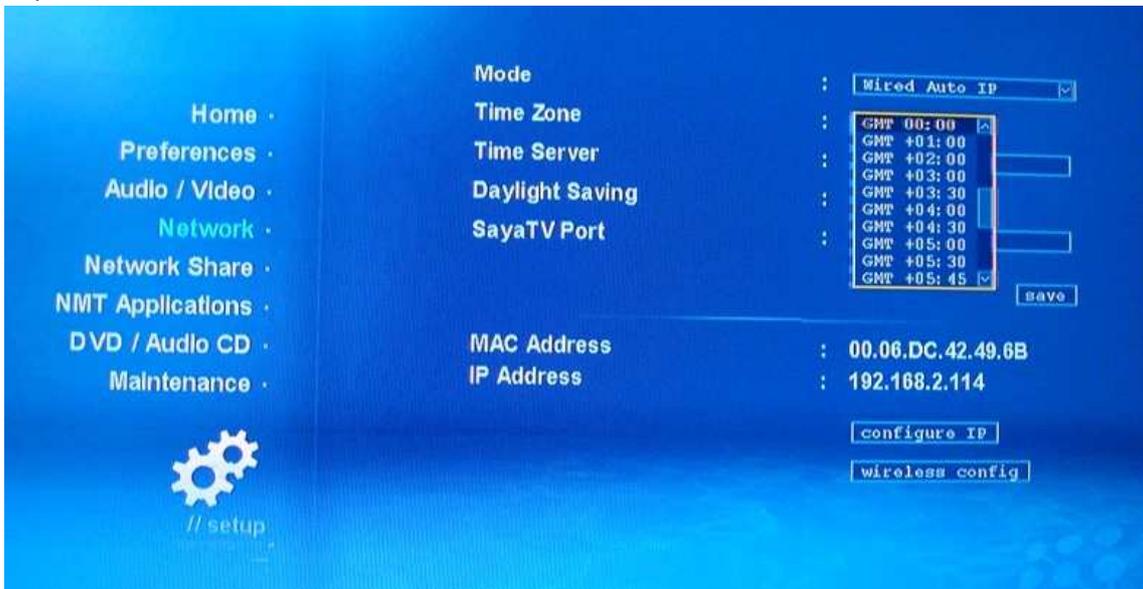


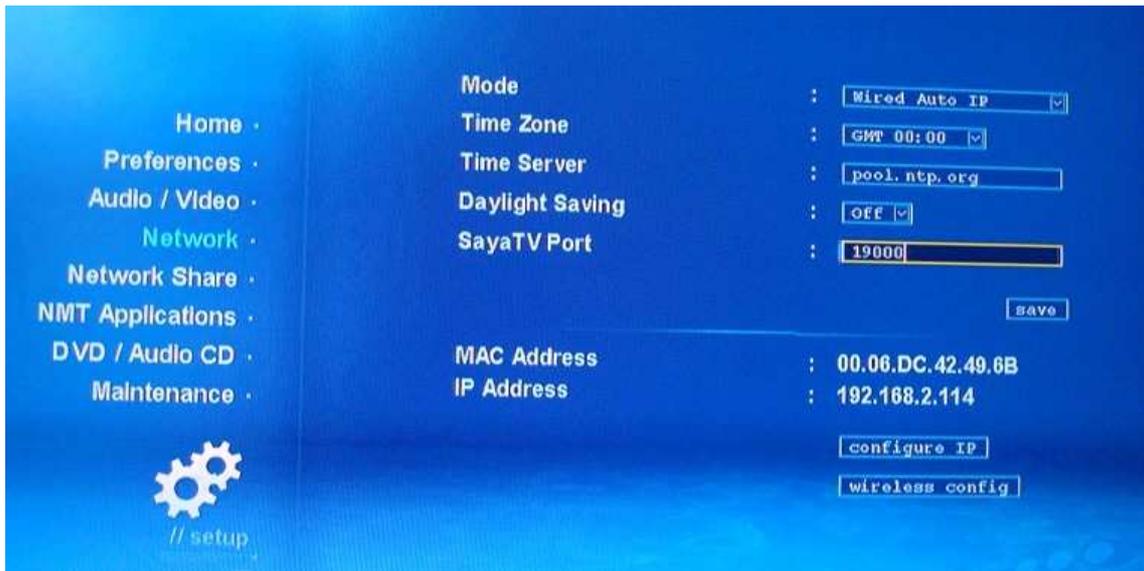
9. network set up.



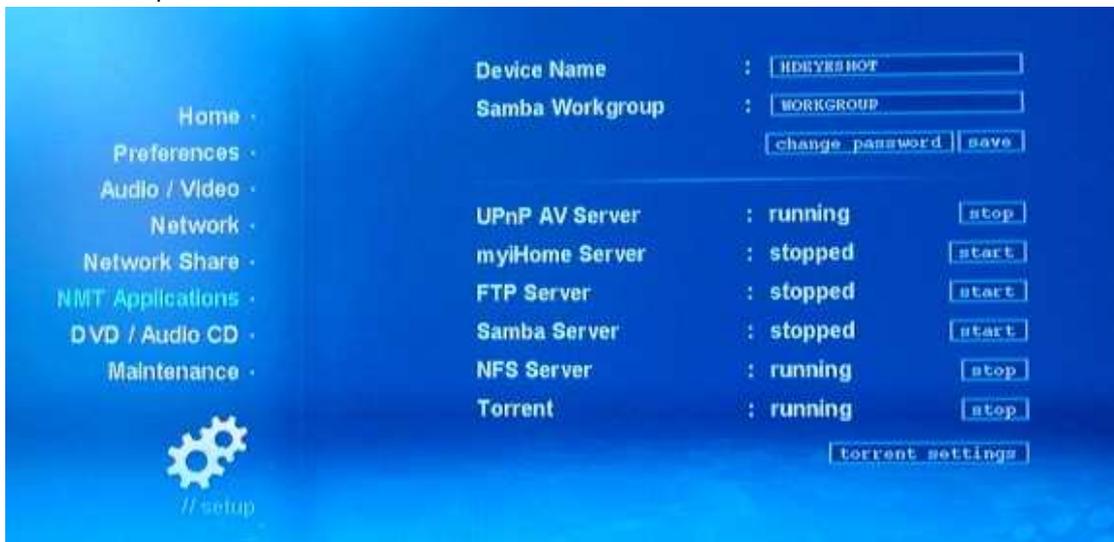


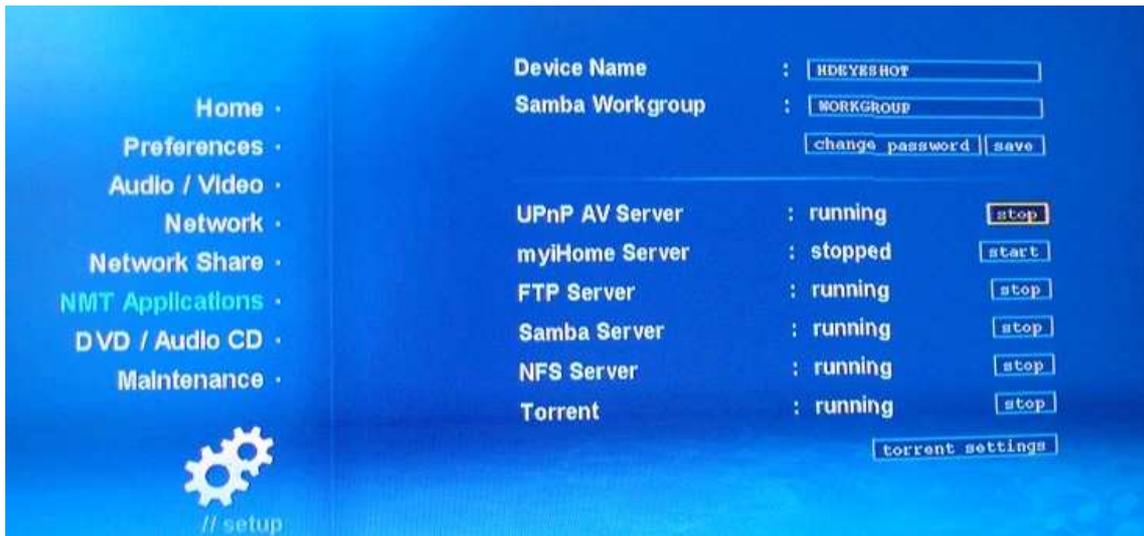
Set up time zone.



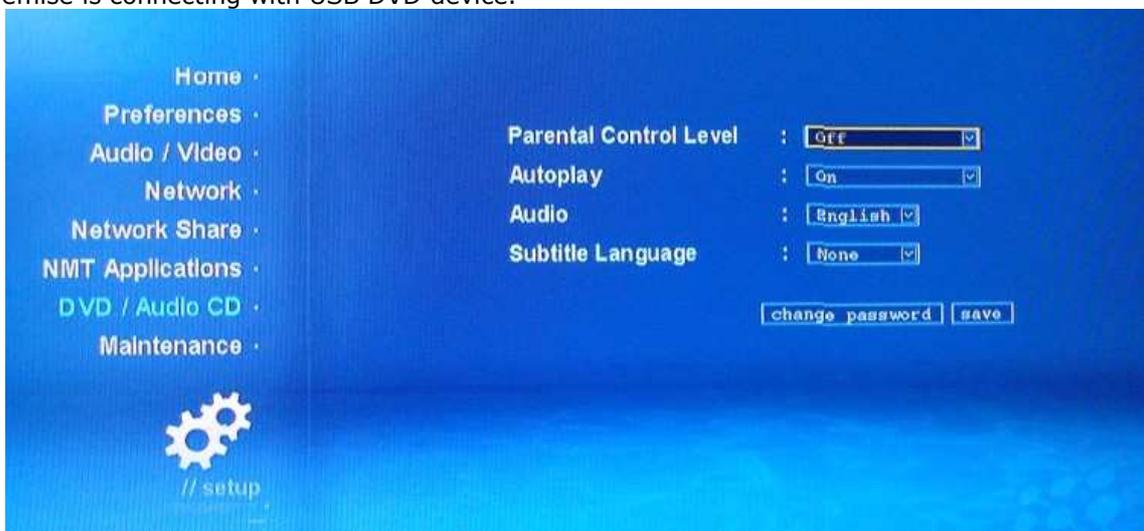


10.server set up.

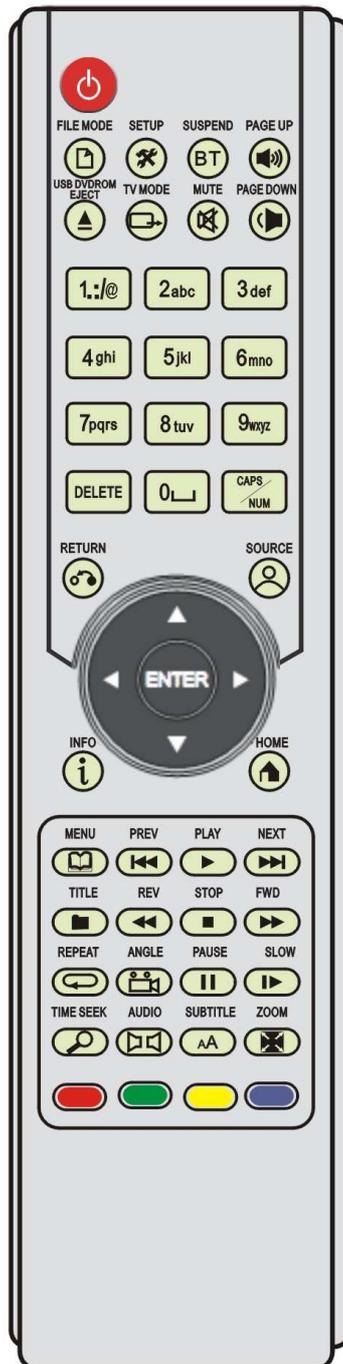




11. CD/DVD driver set up.
Premise is connecting with USB DVD device.



No.5 Remote control defination



-  power:stand by/restart
-  TV MODE: Quick setting of TV mode
 - 1 : NTSC 480i 60Hz
 - 2 : PAL 576i 50Hz
 - 4 : HDMI or P/Pb/Pr 720P 50Hz
 - 5 : HDMI or P/Pb/Pr 1080i 50Hz
 - 6 : HDMI or P/Pb/Pr 1080P 50Hz
 - 7 : HDMI or P/Pb/Pr 720P 60Hz
 - 8 : HDMI or P/Pb/Pr 1080i 59.94Hz
 - 9 : HDMI or P/Pb/Pr 1080P 59.94Hz
 - 0: AUTO mode

 system setup

- 1)during stand by,enter system setup mode.
- 2)during playing,user can adjust picture display degree.
 - COLOR BRIGHTNESS [50%]
 - COLOR CONTRAST [50%]
 - COLOR HUE [50%]
 - COLOR SATURATION [50%]

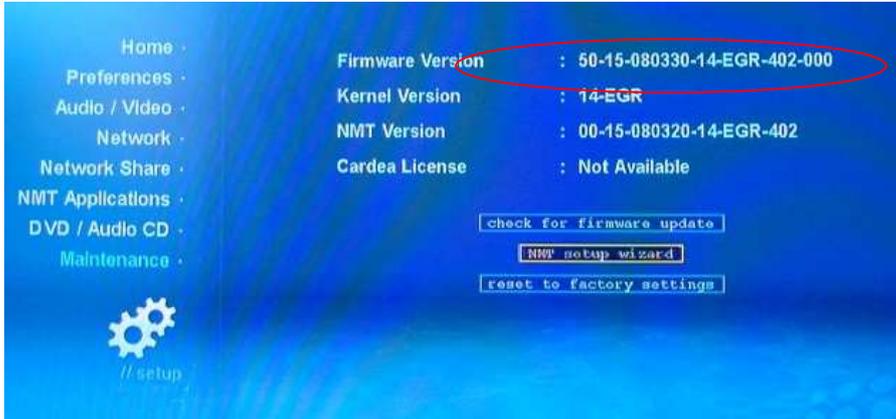
					
enter	play	prev	next	stop	pause
					
rev	fwd	prev	slow	Return to before menu	Source: return to main menu
					
info	home	menu	repeat	seek	subtitle
Display information of the movie	Back to its home menu	Go to main menu		Select play time	Upload and unload subtitle; edit subtitle.
					
audio	zoom		mute	delete	caps/num
Audio switch	Switch movie size; Adjust picture size	Page up; Page down Control volume			Switch letter style
					
Unmount CD/DVD Drive					

No.6 Firmware update guide

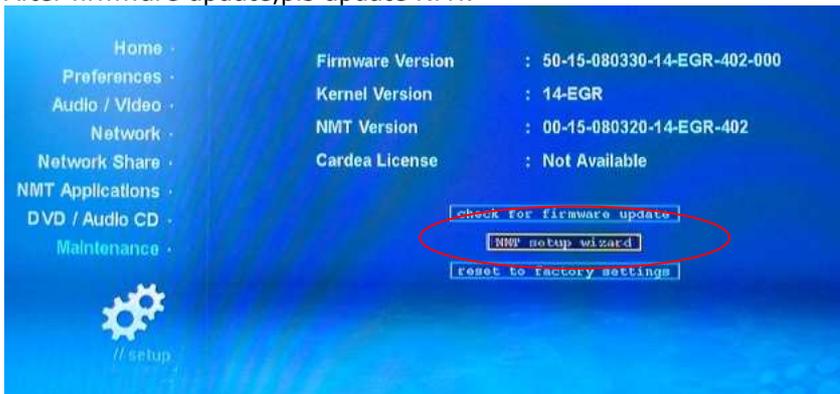
New version firmware will be put on our ftp address: <ftp://218.107.216.110/>

account name is: webmaster@egreatupdate.com; pass word is : egreatupdate

Copy new firmware into USB drive,insert USB drive into USB host of unit.enter  ,select ,then you can see:



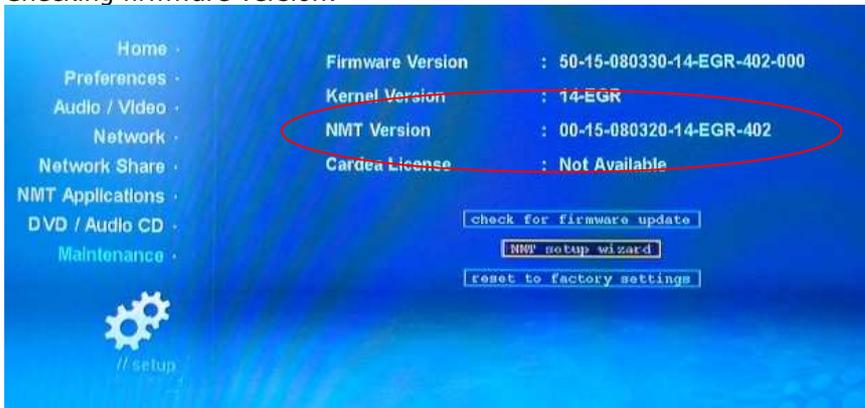
After firmware update,pls update NMT.



Select USB.



Checking firmware version:



During the firmware upgrade, please make sure the device is always powered on. Otherwise, power failure will result in a fatal damage to the device. After the process is completed, the device will reboot automatically. It will take about several minutes, please wait for a few seconds patiently.

No.7 Q & A

Q:Movie always clip when playing by USB DVD-ROM,why?

A:

- 1). Bitrate of the source is too large for USB DVD-ROM,suggest to copy the files into hdd,then try again.
- 2). There are some mistake on the file due to the DVD disk is destroyed,suggest not to use the bad DVD disk.
- 3). USB2.0 chipset of DVD-ROM isn't accord with USB2.0 standard.suggest to change the DVD-ROM.
- 4). Others.

Q: Can't find USB device?

A:

- 1).USB device didn't connect well,pls check;
- 2).USB2.0 cable has problem,pls use the cable attached in package.
- 3).Others.

Q: After reboot,I Can't find HDD?

A:

- 1).HDD isn't format,pls format your hdd first.
- 2).HDD is destroyed,pls change HDD.
- 3).Others.

Q: Why there is no audio output?

A:

- 1). Pls check all the device connected method is right or not?
- 2).If the file is DTS format,pls connect with your AVR,unit can't support DTS decode at present.

Q: Why there is no signal output on the monitor?

A:

- 1).Check your device connect method;
- 2).Press TV MODE button repeatedly to seek the matched mode,TV MODE should match with your HDTV.don't press too quickly to get the right mode.
- 3).After get the right mode,pls enter set up menu,adjust video output mode and save.then next time,you won't meet this problem again.