

# **User Manual**

**VBOX HD Network DVD**

**(VBOX2-86B2)**

**Ver: 2.200**

OftenFull.COM



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### **Statement**

The user manual is noly provided for learning how to operate the VBOX player. The content in this manual has been checked carefully to insure every detail is correct. And our company won't inform the changes for the information in this manual if there are in the future.

The content in this manual is protected by the law of copy right. Nobody is allowed to copy, send, store or translate it for business usage before getting the permission of the copy right owner.

The warranty for this product is one year since the date of buying. Please keep the invoice or receipt as the buying certificate. during the warranty period, consumers are allowed to change or repair the player because of the defects of the product material or processing. Our company will repair or chane the defected player according to the factual condition. However, the warranty service does not include the damage caused by improper operation and the damage caused by the repairing of the unauthorized third party. What's more, it also does not include the damage caused by improper disassembling and the damage caused by the consuming material such as earphone and carrying strap.

Any losses or file losing caused by using this product, the manufacturer won't take any direct or indirect responsibility.

Because the network conditions may varies in different areas, we cannot promise the VBOX player can download contents from the internet fast and easy everywhere.

#### **Attention**

- Improper placement or operation would damage the player. During operating and transporting process, please take care so as to avoid dropping the player onto the ground.
- Before operating, please make sure your power supply status good.
- Please take out battery from the remote controller if you would not use the player for a long time so as to avoid the damages caused by the erosion of the battery.
- Please adjust volume to safe level because too high volume may cause damage to your audition. Please decrease the volume or stop using the player if you feel tinnitus.
- Within 15 days after you buy the player, please fill in “Return Receipt of Warranty Card” carefully and mail or bring it to us for registration, so as to provide you much better service.
- 2 1.5V AAA battery can run the remote controller as long as 6 months. The lifespan of battery may vary because of the different using conditions, manufacturing companies or producing dates.

### **About Using and Deposit Environment**

- Please operate the player in the place where temperature is from 0°C to 50°C.
- Please deposit and transport the player in the place where temperature is from -30°C to 80°C.
- Please operate the player in the place where humidity is from 10%RH to 85%RH.
- Please deposit the player in the place where humidity is from 5%RH-95%RH.
- Please do not drop the player when using it, otherwise the dropping may scratch the covers or do harm to the harddisk.
- In order to prevent static, please avoid operating the player in especially dry environment.
- In order to lower the possibility of getting an electric shock or hurt, please do not operating the player in moist place or in the water.
- In order the avoid the disturbance of bio-iatrical remote devices, please do not use WIFI in hospital, airport, gas station, etc.

Welcome to use VBOX HD Network DVD (AG: VBOX)! VBOX will bring you the new entertainment experience.

VBOX is the media center of your home. VBOX can play video, photo, music media files. You can download and play all these kinds of medias from Internet directly.

## **1. Product and Accessories**

Here comes all basic equipments of any VBOX product:

- 1 VBOX machine
- 1 VBOX remote controller(with a pair of AAA batteries)
- User manual, User Registration Card
- 12V AC adapter with power supply cable.
- 1 composite AV cable
- 1 RJ45 network cable

For different sales market, there maybe following option accessories:

- USB WIFI Net Card
- Composite Video Cable
- HDMI 1.3 AV Cable
- SPDIF Fiber Audio Cable
- SPDIF Coaxial Audio Cable

Please consult your VBOX seller or Login <http://vbox.21cn.com> for more detail information of above accessories.

## **2. Appearance & Remote Controller**

This chapter introduce the VBOX Appearance & Remote Controller.

- See Illustration 1-1 for VBOX front panel



Illustration 1-1: VBOX front panel

No.	Name	Description
1	Harddisk Indicator	Red light indicates reading/writing harddisk
2	Remote Sensor	Receive signals from the remote controller
3	Network Indicator	Green light indicates network data transferring
4	Power switch	Press to On/Off VBOX Press and Hold to force shutdown
5	USB Jack 1	For USB WIFI NetCard or external storage device plugin
6	USB Jack 2	For USB WIFI NetCard or external storage device plugin

- See Illustration 1-2 for VBOX back panel

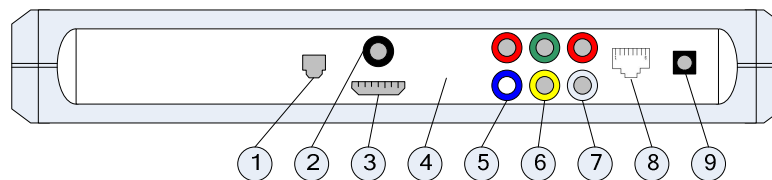


Illustration 1-2: VBOX back panel



No.	Name	Description
1	SPDIF Fiber Output	Connect to amplifier via Fiber Audio cable to output DTS/AC3 surround audio effect.
2	SPDIF Coaxial Output	Connect to amplifier via Coaxial Audio cable to output DTS/AC3 surround audio effect.
3	HDMI 1.3 Output	Connect to TV/Projector/amplifier via HDMI 1.3 Cable
4	VGA Output	Connect to PC monitor via VGA cable
5	Component Video Output	Connect to TV/Projector via Component Video Cable (YPbPr)
6	Composite Video Output	Connect to TV/Projector via CompositeVideo Cable
7	Stereo Audio Output	Output Stereo Audio signals
8	RJ45 Network Interface	10/100Base-T, Connect to ADSL Modem or Router
9	DC 12V Input	220V AC to 12V DC 2A adapter

- See Illustration 1-3 for VBOX remote controller

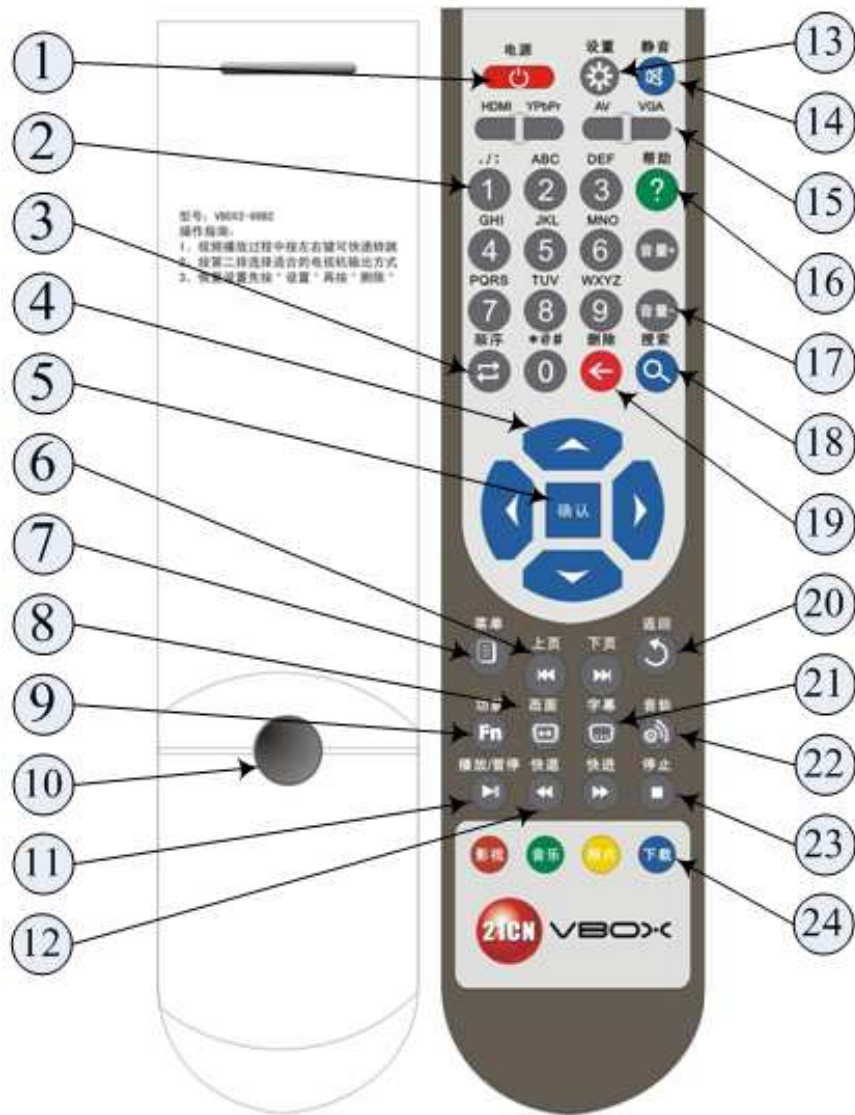


Illustration 1-3: VBOX remote controller

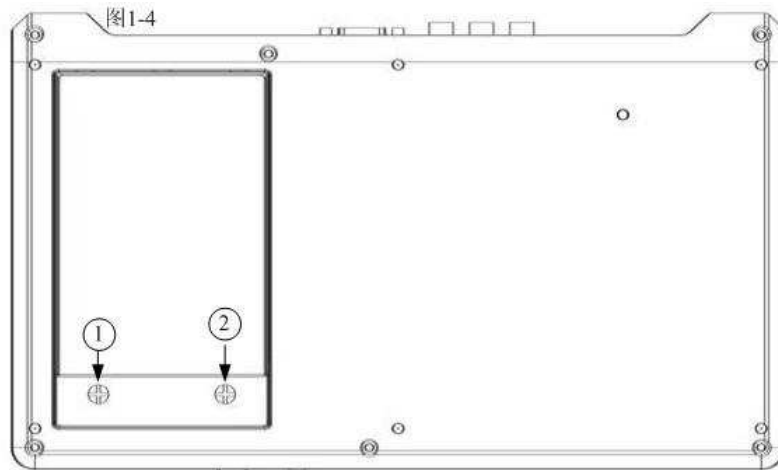
No.	Name	Description
1	Power	Shutdown. We strongly suggest use this key to shutdown VBOX to protect the data in harddisk.
2	0~9	Input the numbers or the corresponding characters by repeat the same key within one second. Key ①-⑥ also the shortcuts to select the items in the main menu.
3	Loop/Random	When playing video, set/unset loop playing When playing music, set playing in sequence or random
4	Up/Down/ Left/Right	Move around the highlight cursor
5	OK	Confirm the selection
6	PageUp/PageDown	PageUp or PageDown to scroll the information
7	Menu	Go into the main menu when not playing anything. When playing video, call out the playback menu.
8	Screen	Switch 4:3/16:9 output or zoom the output
9	Function	Cooperate with other keys to be the short cuts for functions
10	Battery Cabin	Press and push open the battery cabin.
11	Play/Pause	When browsing video files, play from last break point. When browsing other files, play the music playlist
12	Forward/Backard	When playing Video files, provide 2-64 mutiple speed forward or backward <sup>1</sup> ability
13	Setting	Go into system settings
14	Mute	Shut up or resume audio output

<sup>1</sup> It nees support from the video file format.

15	HDMI/YPbPr/ VGA/AV	Switch using different video output
16	Help	Display the available keys and their functions any time
17	Volume+/-	Increase/Decrease the audio output volume
18	Search	When browsing internet contents, open the search box
19	Delete	Delete the selected files or directory when browsing local storage Delete the selected task when browsing download progress Delete the character upon the cursor when inputting Remove a VBOX from the favorite list when browsing VBOXes
20	Return	Return to last step.
21	SubTitle	Open/Close the subtitle when playing video files, or switch to play next subtitle if there is more than one.
22	Audio Track	Switch to next audio track when playing video files.
23	Stop	Stop and mark up the break point when playing video files. Stop playing music at other time.
24	Video/Music/ Photo/Download	Short cut to browse video files, music files, photo files or internet contents.

- Harddisk Installation Guide

VBOX supports 2.5 inch SATA harddisk. Illustration 1-4 is showing how to install the harddisk drive.



Step 1     Loose the screws(①②) on the harddisk carbin, open the cover

Step 2     Lean the harddisk and then plug in the slots slowly.

Step 3     Recover the cabin then tigh the screws.

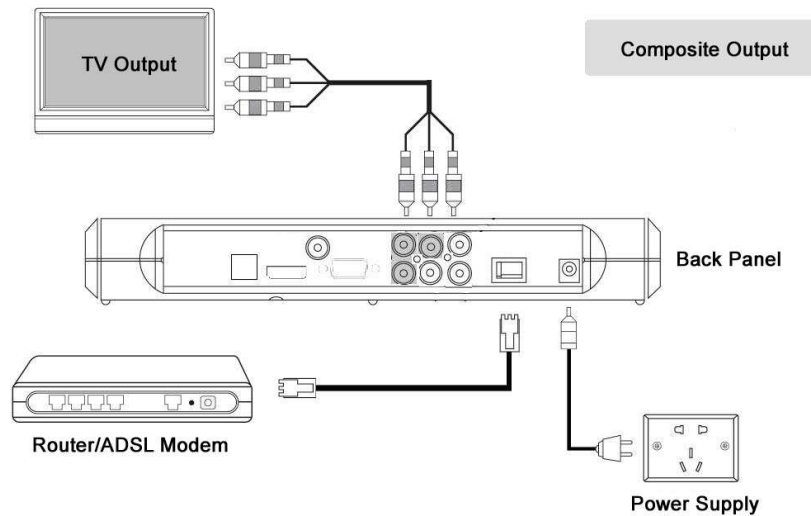
[Notice]

If you prepare the master storage by yourself, we suggest you using internal harddisks over 80G. For new harddisks, you need to initialize it with the partition & format function of VBOX, so that to get the best download and playback effect.

### 3. Connecting the cables

This chapter telling the operations of first time using VBOX.

- Use the VBOX cables as Illustration 2-1



#### [Connections]

- 1) Connect VBOX and TV with the composite AV cable, use the same color to match the pins and the jacks.
- 2) Connect VBOX with ADSL modem or router with the network cable.
- 3) Connect VBOX with AC power with the power adapter, notice that VBOX use 220V AC power source.
- 4) Press the power button in the front of VBOX, blue rays shining through the button means VBOX is working.
- 5) Turn on the TV, switch the TV signal source to the set of input jacks which you used in step 1. VBOX startup screen will appears on your TV if the upper operations all right.
- 6) Install the AAA batteries in the remote controller, start to use VBOX.

[Notice]

- 1) You can use Component Video cable or HDMI AV cable instead of composite for best playback effect. Component Video Cable or HDMI AV Cable are not basic accessories of VBOX, you need to buy them in addition.
- 2) You can use HDMI cable or SPDIF fiber/coaxial audio cable connect VBOX with the amplifier to output the DTS/AC3 surrounding audio signals. HDMI/Fiber/coaxial cables are not basic accessories of VBOX, you need to buy them in addition.
- 3) If you brought the VBOX without any storage device (Harddisk or SD cards), you need to install your storage device first of all the above steps. For best playback effect, we suggest using internal harddisk as the master storage.
  - a) Refer to last chapter if you use internal harddisk.
  - b) If you use external USB master storage device, please do not plug/unplug it when VBOX is running.
  - c) If you use SD card as the master storage, plug the SD card (may with the card reader) into the SD slot in front of VBOX. Notice to make sure the write-protect switch on the SD card is on the un-protect status. Please use high-speed (50X above) and large capability (2G above) SD as the master storage of VBOX.
  - d) If you use external harddisk as master storage, please use the build-in partition & format function to initialize your harddisk. VBOX can only read NTFS partitions and not able to download anything into NTFS partitions.
- 4) First time to use VBOX, you need to setup network connection method in the setting dialog until "connected" sign appears on the right-top corner of the main menu.

#### 4. Initialize Settings

##### 4.1 Best video output effect

Since VBOX-86B2 supports composite video output, VGA output, component video output and HDMI video output, you need to select suitable cable and setup your TV/Projector to use corresponding input signal source to get the best playing effect.

We suggest to use HDMI or Component video interface to connect VBOX and TV/Projector.

Please check out the manual of your TV/Projector, make sure the video signal process ability of your TV/Projector. Then setup VBOX to use the highest standard of your TV/Projector to output video signals.

To adjust the video signal output settings, press "settings" then select "Video output", setup "Video cable", "screen size" and "scan lines".

**Warning: If your TV do not support HD but you set VBOX output HD signals by force, you may see nothing on your screen after trying to play a video. Although this will not do harm to your TV/Projector in general case, however, you are not able to do anything since you see nothing. The way to save yourself from that situation is to find a thin pin insert into the small reset role at the bottom of VBOX, press it to reset VBOX to the factory settings.**

##### 4.2 Configure network

VBOX support internal fixed netcard or wifi wireless netcard. VBOX supports up to 128 bits WEP share-key encryption method.

If you have computers need to share the internet access with VBOX, we suggest you buy and use network routers. We suggest you use fixed network connections for best transfer effect. If you use WIFI network, please make sure the space is clean between the WIFI net card and the WIFI AP. Also make sure the WIFI signal stronger than level 5.

#### 5. Common Operation



## 5.1 Main Menu

You can use LEFT/RIGHT arrow key and OK key to select the main menu items. ①-⑥ is the short cut for main menu items when you are staying in main menu. The color keys at the bottom of the remote controller are short cuts for main menu item 1-4 anytime when you using VBOX.

The network connection status is at the right top conner of main menu. "Offline" means network un-available; "Disabled" means network connected but service not available; "Connected" means network is ok and service is available.

VBOX embed software versions and master storage format are listed at the bottom of main menu. EXT2 files system format is recommended for hish speed read/write HD video files which is large than 4G. Before asking help for VBOX service, please provide us with the VBOX embed software version & master storage file system format.

## 5.2 Media Player

### [Description]

There are video player, music player and photo player.

There are operation tips on the top of the media player.

Storage information is at the bottom of the screen, or the playing media file name.

File of the current directory are listed in the screen center, file size on your right hand.

### [Navigation]

UP/DOWN: Select a file or directory

LEFT: Entry parent directory

RIGHT: View detail of the file or directory

PageUp/PageDown: Page up/down the list

VOLUMN & MUTE: Adjust the audio volumn.

OK: Play the selected file, or enter the selected directory

MENU: Back to main menu

RETURN: Back to parent directory or main menu

[Modification]

①: Copy the selected file or directory into the clipboard.

②: Cut the selected file or directory into the clipboard.

③: Paste the file or directory in the clipboard into current directory

④: Delete the selected file or directory

⑤: Create new directory

⑥: Rename the selected file or directory

⑨: Protect or Un-protect the selected file or directory to be cleaned

automatically.

[Playback]

PLAY: Play the selected file and start from the position last time stop playing.

Use the following keys when playing video:

PLAY: Pause or resume playback

BACKWARD: 2X - 64X speed playing backward

PageUp: Play the previous file in the play list.

PageDown: Play the next file in the play list.

STOP & RETURN: Stop playing and back to the file list. If stop playing beyond 60 seconds, VBOX will show you the stopped position and next time you can use PLAY key to resume from the same position.

Audio: Switch to next sound track if the playing file has more than one sound track. Notice: you will hear nothing if you are using Stereo output while switch to an DTS sound track. DTS sound track can only be output to HDMI/SPDIF jacks for amplifiers.

SUBTITLE: Switch to next sub-title, or close sub-title.

Time Scale Seeking: Press LEFT/RIGHT when playing video to call out the

Time Scaler. Then press LEFT/RIGHT for 1 minutes seeking, UP/DOWN for 10 seconds seeking and PageUp/PageDown for 10 minutes seeking.

ZOOM: Switch 4:3 or 16:9 screen size.

#### [Music]

Use the following keys when playing music:

PageDown: Play next music in the list.

PageUp: Play previous music in the list.

STOP: Stop playing music

Random: Select playing in order or random

VOLUMN & MUTE: Adjust the audio volumn.

#### [Photo]

Use the following keys when playing photo:

RIGHT: Play next photo in the list.

LEFT: Play last photo in the list.

OK: Pause the slide show on the current photo, or resume slide playing

⑤-⑨: Set slide interval to 5-9 seconds.

### **5.3Network Access**

#### [samba]

VBOX can share directory from LAN computers. To do so, you need to share a directory on your computer named 'vbox' first. Then repeat pressing LEFT on your remote controller to navigate to root dir and select 'network'. Input the IP address of your computer. VBOX will list files and directories from your PC if the above steps all right.

#### [FTP]

FTP function can help you access the files in VBOX from the PC. You can copy files between PC & VBOX by using FTP.

To enable FTP function, open "settings"->"Network"->"FTP", then set up the FTP password. After doing so, you can input <ftp://<vbox IP>> in your

explorer address bar and then key-in the ftp password in the pop-up window. The data inside VBOX master storage will be listed if the above steps all right.

## 5.4 Content Downloading

[Description]

There are "Graphics" & "Simple" modes for "Content Downloading" module. In Graphics mode, poster pictures are tiled as well as the digest words. In Simple mode, only text words are listed for faster operation. You can switch these two displaying style in "Settings".

[Simple Style]

There is operation tips on the top of the screen.

Storage information at the bottom of the screen, or the playing music.

Video types are listed on your left hand. Use UP/DOWN arrow key to select video types. Sub-types will appears automatically if there is any.

Videos are listed on your right hand. Use RIGHT arrow key to enter the list and then use UP/DOWN arrow key to select. LEFT arrow key lead you back to the video type list.

Use DELETE key in the content list to switch the sorting order: no sort/accending/decending.

Press OK on a video content will bring you the detail information of that video, includes name, brief introduction, poster, lenght in minutes, language and area. Use UP/DOWN to view last/next video information. RETURN to back to the content list. OK again to download the current VIDEO.

If there only one file for the selected video, download task will be created directly. Otherwise, a file list appears for selection. Use RIGHT key

to select/un-select a certain file. All files are selected by default. (0) key to un-select all.

#### [Graphics Style]

The type path is shown on top of the screen.

All sub-types and contents are tile-listed on the screen. You can use PageUp/PageDown to explorer contents to download. Use OK key to enter sub-types or open selected content detail.

Use RETURN key to back to parent content type, or if you have already at root type, back to mainmenu.

#### [Content Search]

No matter what style you are using, you can press SEARCH key to open the search dialog box. Input the acronym of what you need then press OK for the result.

The acronym is case-insensitive. In Graphics style, use RETURN key to quit search status. In Simple style, select another content type directly to quit search status.

## 5.5 Progress Management





#### [Description]

There is operation tips on the top of the screen.

Storage information at the bottom of the screen, or the playing music.

The downloading tasks are in the middle of the screen. On your left hand is the task group while the files belong to the task group are listed on your right hand. A task group may contains several files to be downloaded, such as video files, sub-title files, poster files, digest files.

The task status are shown as icons leading each task(group). The

icons are:  Waiting,  Downloading,  Finished,  Error,  Paused. You can use remote controller to adjust download sequence.

[Remote Controller]

Arrows: Select a task

- ①: Download the selected task first
- ②: Download the selected task at the last
- ③: Pause or resume the selected task
- ④: Delete the selected task

DELETE: Delete the selected task, and VBOX will prompt you to delete all of them.

## 5.6 System Settings

[Description]

There is operation tips on the top of the screen.

Storage information at the bottom of the screen, or the playing music.

[Remote Controller]

Arrow: Select setting items.

OK: Select and confirm, or enter to select detail settings.

Return: Back to upper level until main menu.

[Settings]

- **TV Output:** VBOX use composite video for output by default. If you want to use component video or HDMI or VGA, you need to set VBOX to use the giving port, and config VBOX to output screen ratio and scan lines.

- **Network**

First of all you need to config VBOX to use fixed net card or WIFI net card. Please insert WIFI net card before turning VBOX on if you are going to use it. VBOX will search for WIFI AP signals automatically and list their SSID names for choice. There are signal strength level and encryption flags. Signal strength are from 1-9, 9 for maximum. The signal is un-encrypted if its strength number surrounded by "[ ]". The signal is encrypted if its strength number surrounded by "{ }". VBOX will prompt you to select password type: ASCII or HEXIMAL.

You still need to config network arguments after selecting the net card type. When you are using ADSL, you need to input the account/password by using key 1-9. Please specify the DNS if you cannot connect to the network after providing correct PPPoE account/password. If you are using DHCP, nothing need to do since it is the default settings of VBOX. If you are using static IP, you need to specify IP/NetMask/Gateway/DNS information by using key 1-9, just as what you did for your computer.

- **RSS subscription**

You can browse the RSS channels you have subscribed on website. And you can change its status by OK key to auto/manual/disabled modes.

- **Account management**

VBOX displays your VBOX sequence number, MAC address and Subscription information. You can update your mobile phone number, email address and nickname. Or you can charge your VBOX service by key in charge codes. Press OK key when finished.

We will provide you free content download information once you have key-in the contact information. You can simply reply our SMS/email to download what's told in the SMS/Email. Once you did it, what you need to do is make sure your VBOX turned on and connected to the network

always, contents will download to your VBOX fully automatically.

- **Upgrade/Restore**

When you are connected to the network, VBOX can upgrade itself by selecting this menuitem. Otherwise, when there is anything wrong about your VBOX, you can select to restore factory settings.

- **Storage Settings**

If you are using more than one storage device, you can specify one of them to be the master which VBOX will download contents into it. VBOX use internal harddisk as master storage by default. You can format your storage device to ext2 format here, which is the preferred storage format for high-speed downloading & video playback.

- **Auto-Cleanup**

When your storage goes full and exceed the warning limit you've set, VBOX will remind you to clean old data in your harddisk, so that you can keep downloading new contents. VBOX will not delete data automatically if you mark them as PROTECTED.

[Notice]All data in your storage will be deleted once you format it.

- **About US**

You can see the team working hard to improve VBOX product for you here.

## 6. **VBOX Services**

[VBOX website]

First time you loggin vbox.21cn.com, click "Activate" under the login boxes. You need to key in the sequence number and the MAC address, which are printed at the back panel of VBOX.

[Website functions]



- A. Download Queue Management: You can view/append/delete VBOX download queue here. By clicking the "Append" button, you can append download links from internet by yourself, including those links belong to BT or eMule.
- B. VBOX online status: You can view information here include VBOX sequence nubmer, service expire time, online status, Free storage space.
- C. Subscription management: You can add another VBOX user into your favourite list or download what he download automatically.
- D. Task Sharing: Configure share your download tasks or not.
- E. Contacts Settings: You can setup your contacts information here.
- F. Service Charge: Extend your VBOX service expire time.
- G. Charge history: Review your histroy charge record.
- H. Password Chage: Change the password of logging in VBOX website.

## **7. Q&A**

**Q1: What to do when VBOX has no response ?**

**Check the indicator in front of VBOX. If red or green lights keep shining, maybe VBOX is busy reading netowrk or harddisk data. If VBOX lost response ability more than 30 seconds, keep press the power button 3-5 seconds to shutdown VBOX by force. Turn on VBOX again to retry your operation after VBOX auto data-repairation.**

**Q2: What to do if VBOX cannot turn on or nothing display onto the TV ?**

**Please check it over by the following:**

**1) Please check the lights in front of VBOX. Make sure power supply is already connected.**

**2) If nothing appears onto the TV screen, make sure your TV has power supply connected and turned on. Make sure your AV cable has connected correctly**

and stably. Make sure your TV has turned to the right AV input channel.

3) Remove U-Disk or extern harddisk from the USB jack, re-plug them when VBOX has turned on.

4) TV has output but not clear at all. Please turn your TV to NTSC mode.

If VBOX still not working, please connect our service professional.

**Q3: What will happened to VBOX if no any network connected ?**

VBOX is able to play files in your storage device, however, it can download nothing for you.

**Q4: What to do if "Offline" ?**

Please check your network environment, VBOX network settings including ADSL account/password. Use computer to verify your network environment is recommended.

**Q5: What to do when video cannot be played ?**

Please check the file format first. VBOX does not support RM/RMVB formats. Restart VBOX and then retry to play the same file sometimes can work. If the file still cannot be played, maybe it is not a standard MPEG format.

**Q6: Does VBOX support WIFI ?**

Yes, please use D-LINK DWL G122 C1 USB WIFI net card. VBOX support up to 128bit WEP share-key encrypted network.

**Q7: What will happened if shutdown when download not finished ?**

When this happened, restart VBOX will resume downloading from the break point. You can go into the download progress list to check it over.

**Q8: Does VBOX support RM/RMVB video files ?**

No, VBOX does not support RM/RMVB video files, yet.

**Q9: What formats does VBOX support ?**

Vbox supports encoding of MPEG1/2/4, H.264, AC-1. VBOX supports file formats of AVI, MPEG, VOB, WMV, MKV, TP, TS. VBOX supports sub-title of srt/sub+idx.

**Q10: Does VBOX support NTFS harddisk partition ?**

VBOX can read NTFS partition and play files in it. However, VBOX cannot

download data into NTFS partition. Please use ext2 partition for downloading.

## 8. Specifications

VBOX2-86B technical specifications

Name	Specification
<b>Video Format</b>	Encoding Format: MPEG-1,MPEG-2,MP@ML, MPEG-4.2,MPEG-4.10,ASP@L5; File format: avi,mov,mp4,mkv,ts,tp, vob,mpeg,mpg
<b>Output Resolution</b>	PAL,NTSC, 480i,480P,720P,1080i,1080P
<b>Audio Format</b>	MP3, WMA
<b>Photo Format</b>	JPG, BMP, GIF
<b>Video output</b>	1 Composite video output 1 YPbPr Component Video output 1 HDMI 1.3 AV output 1 VGA output
<b>Audio output</b>	Stereo audio output SPDIF Fiber output SPDIF coaxial output
<b>Internal Storage</b>	2.5 inch SATA harddisk
<b>External Storage</b>	USB storage devices
<b>USB HOST Interface</b>	2 USB2.0 interface
<b>Network Interface</b>	1 RJ45, support PPPoE
<b>Power Supply</b>	220V AC to 12V DC 2A
<b>Appearance</b>	High class engineering plastic and metal shell

	Tool-less harddisk installation Harddisk Shockproof Skidproof Underlay
--	--

**9. About this manual**

Since VBOX embed software keep upgrading, part of this manual may to different from the VBOX version in your hand. Please keep an eye on our website for the latest release.

**10. Contacts**

7X24 hot line: 020-38733114

VBOX sales hot line: 020-32422688

VBOX service website: <http://vbox.21cn.com>

This manual is for reference only. We will not inform you the modifications.  
We reserve all rights of explaining the above contents.