HDD Multimedia

K120

User's Manual

(Version 1.0.0)

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1. Introduction

1.1 Preface

Dear Customer,

Thank you very much for purchasing the product. In the digital era, this product is a great home entertainment partner. With the outstanding design, you can enjoy movies and music, and view photos of precious moments. It's easy to use this product as a portable external storage device with its built-in HDD and USB 2.0.

This player has the following functionality:

Data Storage - supports 3.5" SATA HDD up to 1 TB.
Video Playback - supports AVI, VOB, MPG, MP4, ASF, DAT files with corresponding codec: MPEG-1, MPEG-2, MPEG-4 ASP (resolution up to D1 quality).
Music Playback - supports MP3, WMA (DRM, Pro and Advanced Profile not supported) files.
Photo Playback - supports JPG/JPEG files;
- supports slide show mode.
USB HOST - direct playback files from U disk and external USB HDD.
Card Reader - supports memory cards: SD/MMC/MS/MS pro

We hope that this product will bring you a lot of enjoyment. We are committed to apply multimedia technology in your work, entertainment, family, daily life, car and everywhere! Welcome to us. Thank you again for choosing our product.

1.2 Packing List

Part	Quantity
Player	1
A/V cable	1
USB cable	1
SCART Adapter	1
Remote Control	1
Remote Control Battery	1
AC/DC adaptor	1
CD (with User Manual)	1
Quick Start Guide	1
Warranty Card	1

Note:

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

1.3 Caution

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

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

1.3.2 Power
The player's power voltage: DC 12V.
When using this player, please connect the supplied AC adapter or AC adapter cable to the player's power jack. When placing the adapter cable, make sure it can not get damaged or be subject to pressure. To reduce the risk of electric shock, unplug the adapter first before cleaning it. Never connect the adapter to the player in a humid or dusty area. Do not replace the adapter or cable's wire or connector.

1.3.3 Radio interference/compatibility
- If not properly shielded, almost all electronic devices will get radio interference. Under some conditions, your player might get interference.
- The design of this player has followed the FCC/CE standard, and has followed the following rules:
    (1) This player may not cause harmful interference;
    (2) This player could accept some interference received including interference that may cause undesired operation.

1.3.4 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 Hard disk cautions
The player uses an internal hard disk for data storage, in normal case, format or repair is not required.
You should carefully read the < Frequently Asked Questions > chapter, and check our website for latest information before formatting the hard disk.

- Physical impact may create bad sector in the hard disk, you can use CHKDSK to fix the problem.
- All data stored in the player may be lost due to physical impact, electrical shock, power lost,

HDD format etc. Please backup your data.

- It is suggested to do defragment after a long period of usage.

- Regularly backup the data in the hard disk so that it can be recovered in the event of data corruption or loss. Our company takes no responsibility for loss of data stored on the hard disk.

1.3.7 Others

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

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

✧ Do not let the player come into contact with water or other liquid.

✧ Do not disassemble the player, repair the player or change the design of the player, any damage done will not be included in the repair policy.

✧ Do not press the buttons of the player too hard.

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

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

1.4 Connection

1.4.1 Connect to Computer

(1) Make sure the player is powered on;

(2) Plug in the squarish connector of the USB cable to this player's USB DEVICE port;

(3) Plug in the rectangular connector of the USB cable to computer.
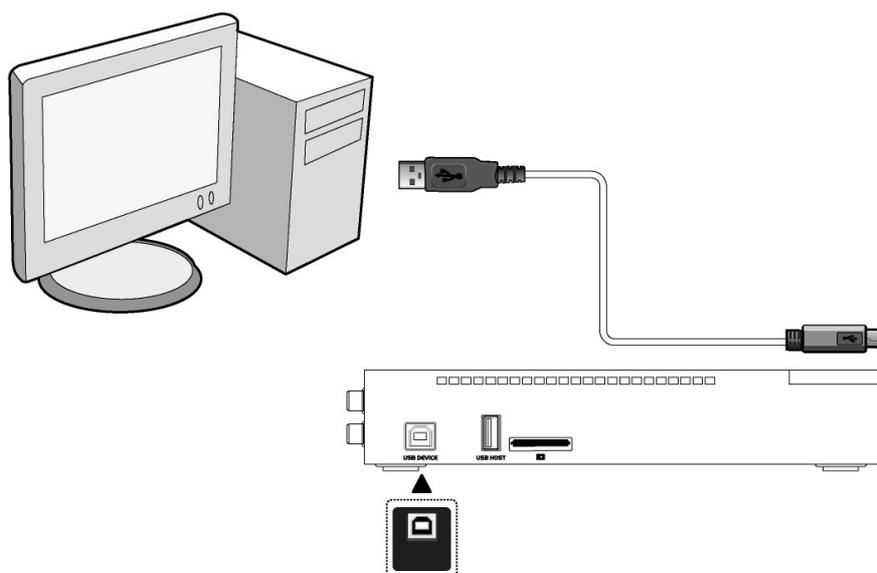
1.4.2 USB Mass Storage Device (like USB Pen Drive, MP3, USB HDD etc.) Connection

(1) Make sure the player is powered on;

(2) Plug in the USB Pen Drive or USB HDD etc. to the USB HOST port of this player.
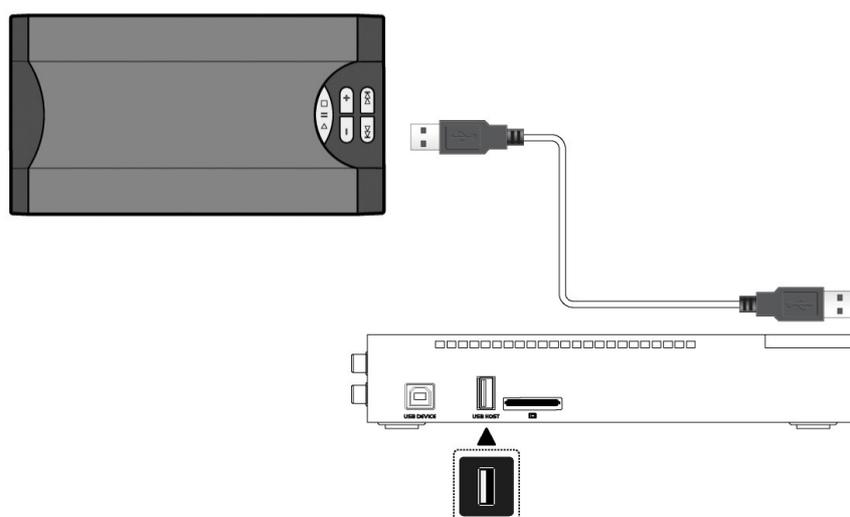
1.4.3 Memory card connection

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.
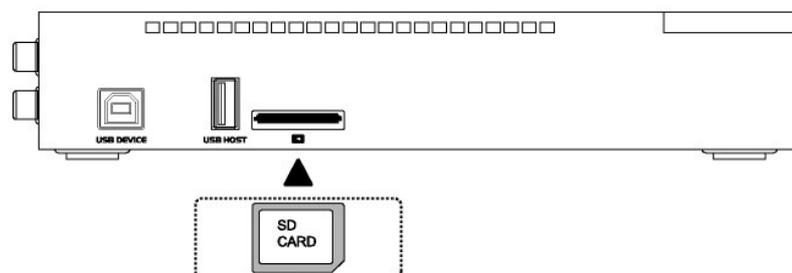
1.4.4 TV connection
1.4.4.1 A/V OUT
(1) Follow the picture and plug in the 3 color connector to the player's A/V OUT jack;

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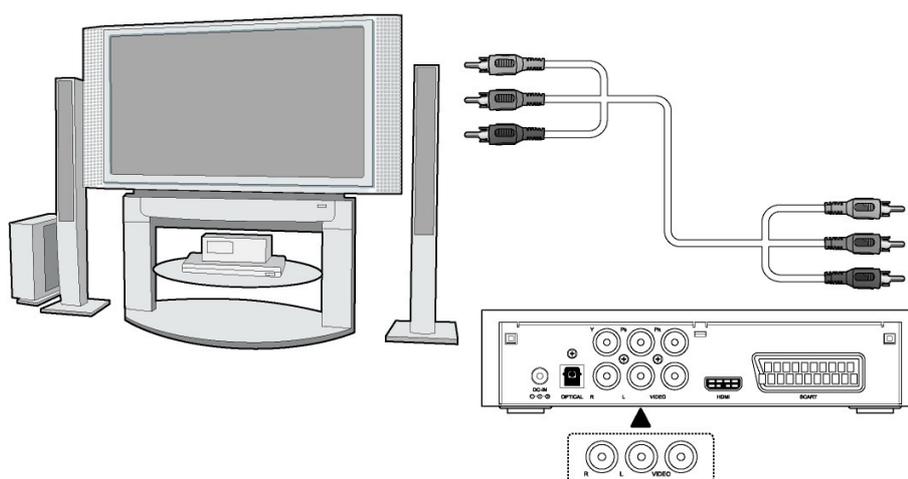
1.4.4.2 SCART - TV
(1) Follow the picture and plug one connector on the SCART cable to the player's SCART socket;

(2) Follow the picture and plug the other connector on the SCART cable to the TV's SCART socket.
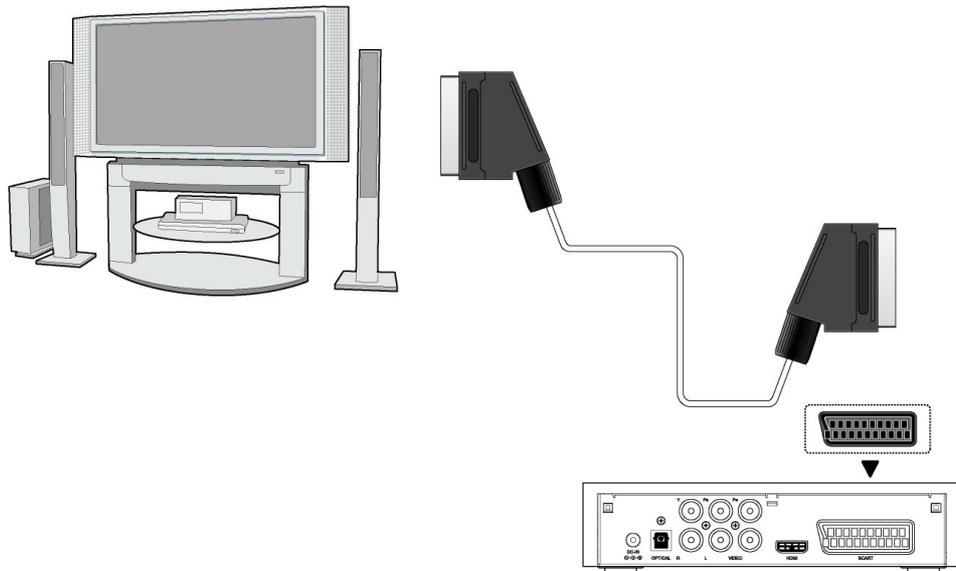
1.4.4.3 Y/Pb/Pr Component OUT

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

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

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

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

Second method: use the audio output from the S/PDIF Coaxial or Optical jack.
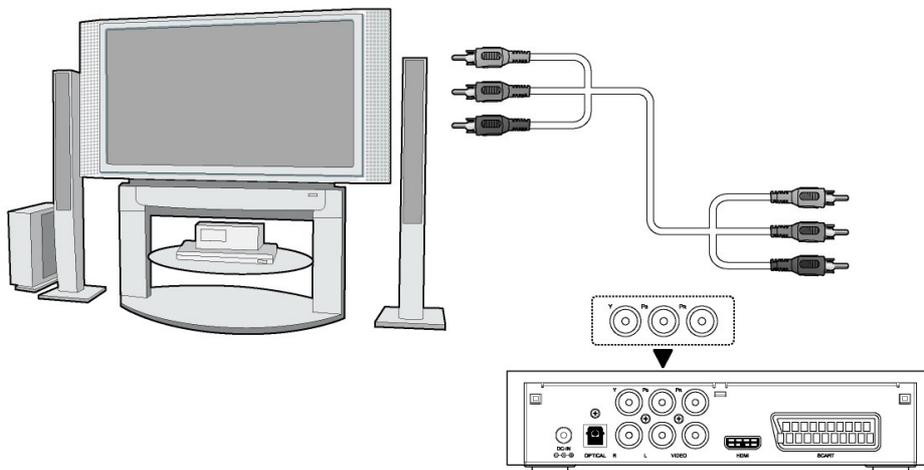
In this way, you can also enjoy videos, music, and photos in the player on TV.

1.4.4.4 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. (not supplied)
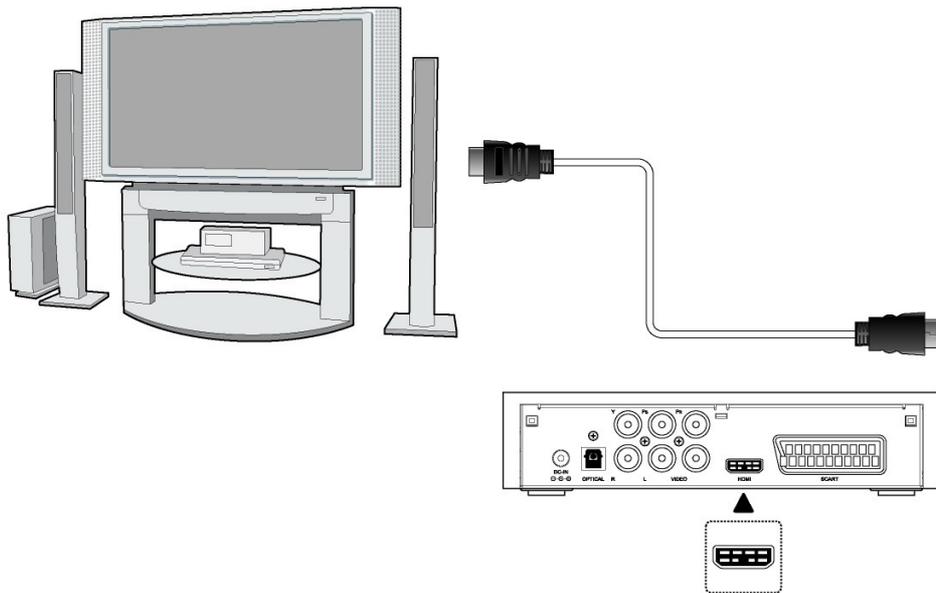
In this way, you can have the highest quality video and audio via a single cable.

1.4.5 Digital Audio Device connection

(1) Follow the picture and plug in the Toslink connector on your optical fiber to the player's S/PDIF Optical jack; (not supplied)

(2) Follow the picture and plug in the other connector on your optical fiber to the digital audio device. (not supplied)

1.4.6 Power connection

(1) Follow the picture and connect the AC adaptor to the player's DC IN jack;

(2) Follow the picture and plug in the AC adaptor to the power outlet.
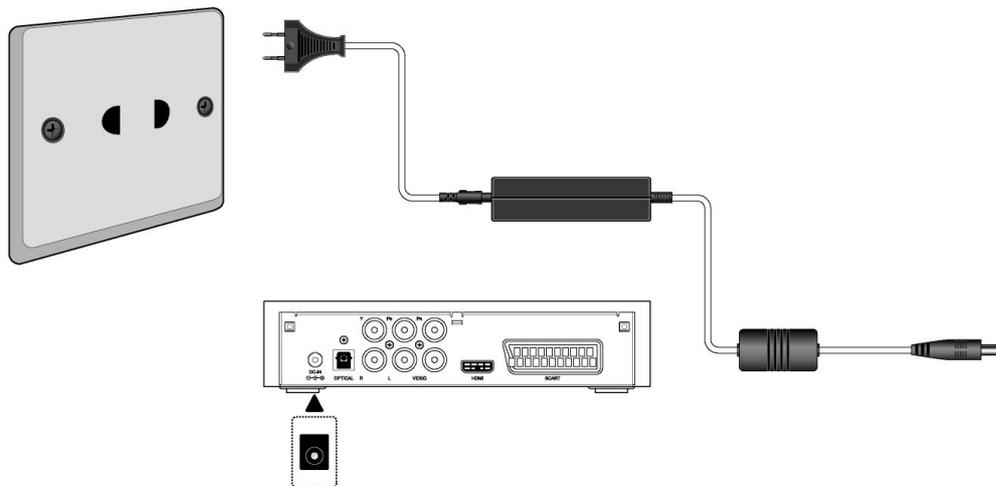
1.5 First Time Usage

1. Power on

After plugging in the power cord, press the POWER button to power on the player, and the POWER indicator will turn blue.

2. Power off

Press the POWER button on the remote control or font panel during the system is running, the player will soon enter into the standby mode, and the POWER indicator will turn red.

3. Language control

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

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:
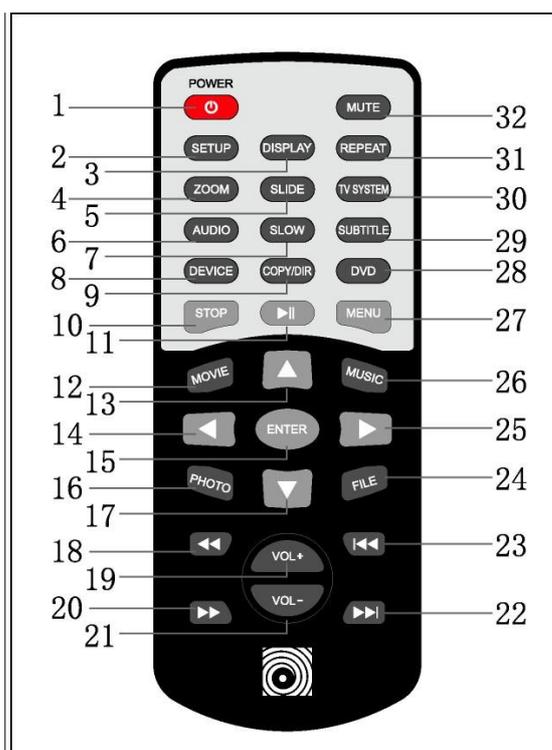
<table>
<tr><td>1. POWER</td><td>2. INFO</td></tr>
<tr><td>3. SET UP</td><td>4. COPY</td></tr>
<tr><td>5. ZOOM</td><td>6. COPY DIR</td></tr>
<tr><td>7. AUDIO</td><td>8. A-B</td></tr>
<tr><td>9. DEVICE</td><td>10. PAUSE</td></tr>
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<tr><td>13. VIDEO</td><td>14. ENTER/PLAY</td></tr>
<tr><td>15. LIFT</td><td>16. DOWN</td></tr>
<tr><td>17. PHOTO</td><td>18. VOL+</td></tr>
<tr><td>19. FR</td><td>20. VOL-</td></tr>
<tr><td>21. FF</td><td>22. NEXT</td></tr>
<tr><td>23. PREV</td><td>24. FILE</td></tr>
<tr><td>25. RIGHT</td><td>26.MUSIC</td></tr>
<tr><td>27. HOME</td><td>28. DVD</td></tr>
<tr><td>29. SUBTITLE</td><td>30. TV SYSTEM</td></tr>
<tr><td>31. REPEAT</td><td>32. MUTE</td></tr>
</table>

No.	Button	Function
1	**POWER**	Press to power on or enter the standby mode.
2	**INFO**	Press to display time elapsed / remaining while watching video; Press to activate the editing menu which enables you to copy, move, and delete files in the **FILE LIST**.
3	**SETUP**	Press to enter the setup menu, and press again to return.
4	**COPY**	Press to copy all the contents on the USB device to the first FAT32 partition on the HDD. (Note: NTFS partition on the system is read-only)
5	**ZOOM**	Press to zoom in/out the image (video or photo). Press the **FREV** / **FFWD** button to set among 25 percent, 50 percent, and 100 percent while viewing pictures.
6	**COPY DIR**	[Reserved] Press to set the destination directory while copying files.
7	**AUDIO**	Press to select available audio tracks.
8	**A-B**	Press to set the beginning and end points of a section to repeat.
9	**DEVICE**	Press to select HDD partitions and USB storage devices; Press to jump to specific time/chapter on a title when watching movies.

10	PAUSE	Press to pause playback, and press again to resume.
11	STOP	Press to stop playback.
12	UP	Press to move the highlight up when navigating menus; Press to rotate the image upwards.
13	VIDEO	Press to enter **VIDEO LIST**.
14	ENTER / PLAY	Enter / Play. Select the highlighted options.
15	LEFT	Press to move the highlight left when navigating menus; Press to rotate the image counter-clockwise.
16	DOWN	Press to move the highlight down when navigating menus; Press to rotate the image downwards.
17	PHOTO	Press to enter **PHOTO LIST**.
18	VOL +	Press to increase the volume.
19	FR	Press to fast reverse the current playback.
20	VOL -	Press to decrease the volume.
21	FF	Press to fast forward the current playback.
22	NEXT	Press to go to next chapter / file, or page down on list.
23	PREV	Press to go to previous chapter / file, or page up on list.
24	FILE	Press to enter **FILE LIST**.
25	RIGHT	Press to move the highlight right when navigating menus; Press to rotate the image clockwise.
26	MUSIC	Press to enter **MUSIC LIST**.
27	HOME	Press to return to the main interface.
28	DVD	Press under VIDEO_TS folder to playback DVD DISC.
29	SUBTITLE	Press to select available subtitles, or turn off the subtitle.
30	TV SYSTEM	Press to switch video output modes.
31	REPEAT	Press to set repeat options.
32	MUTE	Press to mute audio output, and press again to resume.

2.2 Front Panel

1. Infrared remote receiver   2. POWER button

2.3 Rear Panel
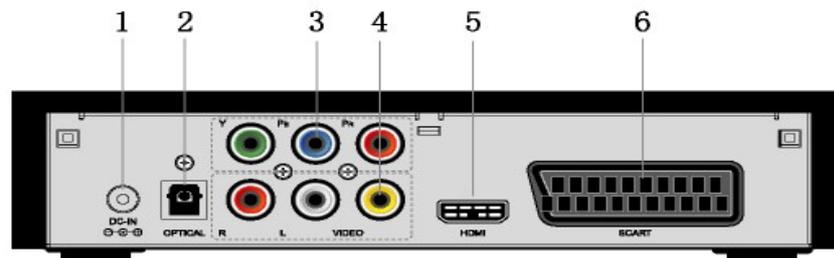
1. DC IN jack   2. S/PDIF OPTICAL jack
3. Y/Pb/Pr OUT jack   4. A/V OUT jack
5. HDMI jack   6. SCART - TV jack

2.4 Side Panel
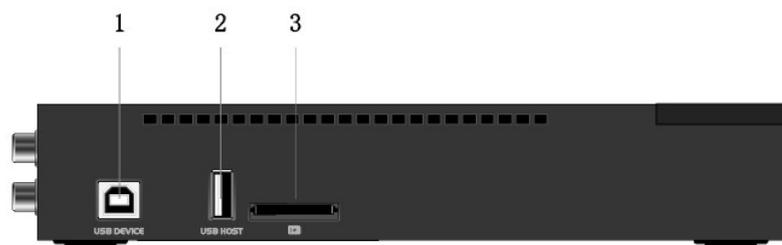
1. USB DEVICE port   2. USB HOST port
3. Card slot

3. Setup Menu

The setup menu allows you to configure audio-visual and system settings. Press the **SETUP** button on the remote control to enter this menu, and use the navigational buttons to select icons / options. Press the **SETUP** button again to exit.

3.1 General Setup

This section allows you to setup **OSD LANGUAGE**, and **SCREEN SAVER**.

OSD LANGUAGE	Select to change the on-screen display language.
SCREEN SAVER	Select to turn on / off the screen saver.

3.2 Speaker Setup

This section allows you to configure the speaker settings.
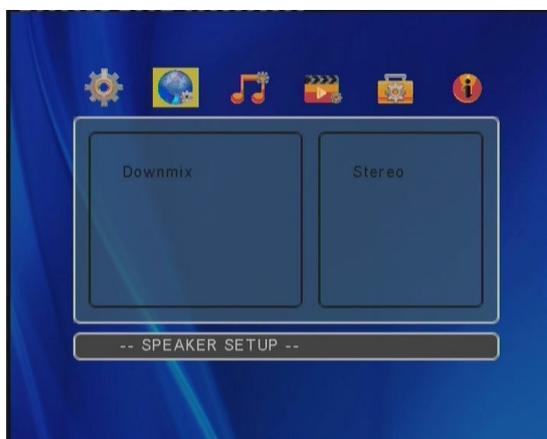
Downmix	Select to set Lt/Rt (mono), Stereo, or 5.1 channel.

3.3 Audio Setup

This section allows you to configure the audio settings.

Audio Out	Select to set Analog, SPDIF/RAW, or SPDIF/PCM.
LPCM Output	Select to set LPCM 48k, or LPCM 96k.

3.4 Video Setup

This section allows you to configure the video settings.

TV Display	Select to set the aspect ratio of the TV display: Normal/PS (4:3 Pan Scan), Normal/LB (4:3 Letter Box), or Wide (16:9).
TV Type	Select to set the TV system: Multi. System, NTSC, or PAL.
Video Output	Select to set the video output mode: CVBS, Y/Pb/Pr, 720P, or 1080I.

3.5 System Setup

This section allows you to configure the system settings.

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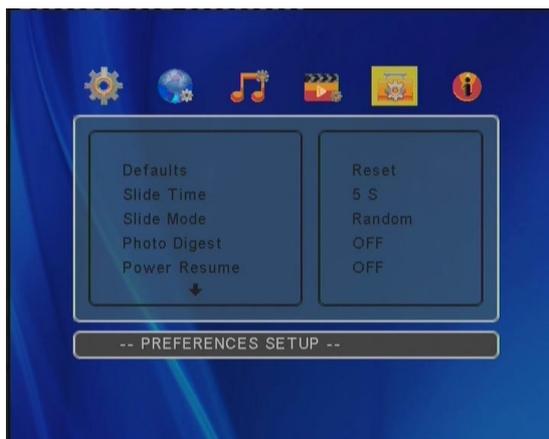
Defaults	Select to restore all the settings to the factory mode.
Slide Time	Select to set the interval time of photo slide show: 5S, 10S, or 15S.
Slide Mode	Select to set the transitional effect of photo slide show.
Photo Digest	Select to turn on / off the photo digest mode. If this option is on, photos in the PHOTO LIST will be displayed in thumbnail mode.
Power Resume	Select to turn on / off the power resume mode. If this option is on, current playback can be continued next time when you power on the unit.
Autorun	Select to turn on / off the auto run mode. If this option is on, an AUTORUN LIST will be generated automatically next time when you power on the unit.

3.6 Miscellaneous

This section displays the firmware version.

4. Media Playback

$\diamond$ **Selecting the device**

Press the **DEVICE** button on the remote control to select the device or partition you wish to browse.

$\diamond$ **Main Interface**

After the device is selected, the main interface will be displayed, which allows you to browse media files stored on your device in different modes: **VIDEO LIST**, **MUSIC LIST**, **PHOTO LIST**, **SLIDE**, and **FILE LIST**.

3.1 Video List

Select the **VIDEO** icon on the main interface to enter this menu, and all of the supported video files stored on the device will be displayed.

Press the **UP** / **DOWN** button to select a video file you wish to play, and press the **ENTER** / **PLAY** button to begin the playback.

3.2 Music List

Select the **AUDIO** icon on the main interface to enter this menu, and all of the supported audio files stored on the device will be displayed.
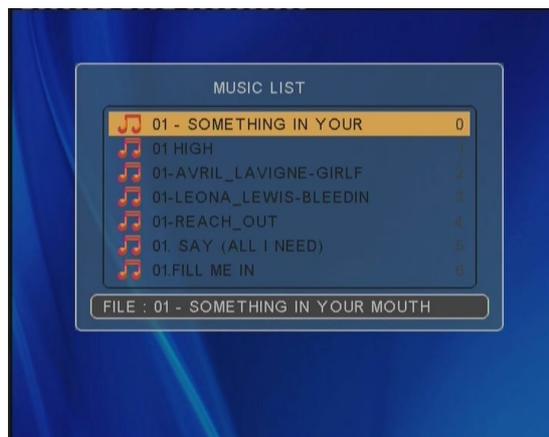
Press the **UP** / **DOWN** button to select a music track you wish to play, and press the **ENTER** / **PLAY** button to begin the playback.

3.3 Photo List

Select the **PHOTO** icon on the main interface to enter this menu, and all of the supported pictures stored on the device will be displayed.

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Press the **UP** / **DOWN** button to select a photo you wish to browse, and press the **ENTER** / **PLAY** button to begin the playback.

3.4 Slide Show

Select the **SLIDE** icon on the main interface to enter this menu, and photos stored on the device will be played in slide show mode with background music.

3.5 File List

Select the **FILE** icon on the main interface to enter this menu, and all the folders and supported media files will be displayed.

Press the **UP** / **DOWN** button to select a file you wish to browse, and press the **ENTER** / **PLAY** button to begin the playback.

3.6 File Edit

Press the **INFO** button on the remote control to activate this menu in **FILE LIST** mode, which enables you to copy, move, and delete files on the player.

Press the **UP** / **DOWN** button to select folder / file. Press the **COPY DIR** button to set the destination directory while copying files.

Note:
NTFS partitions on the system will be read-only.

3.7 DVD Playback

DVD DISC files stored on the internal HDD can be played directly on the player. Enter the VIDEO_TS folder, and then press the **DVD** button on the remote control to begin playback.
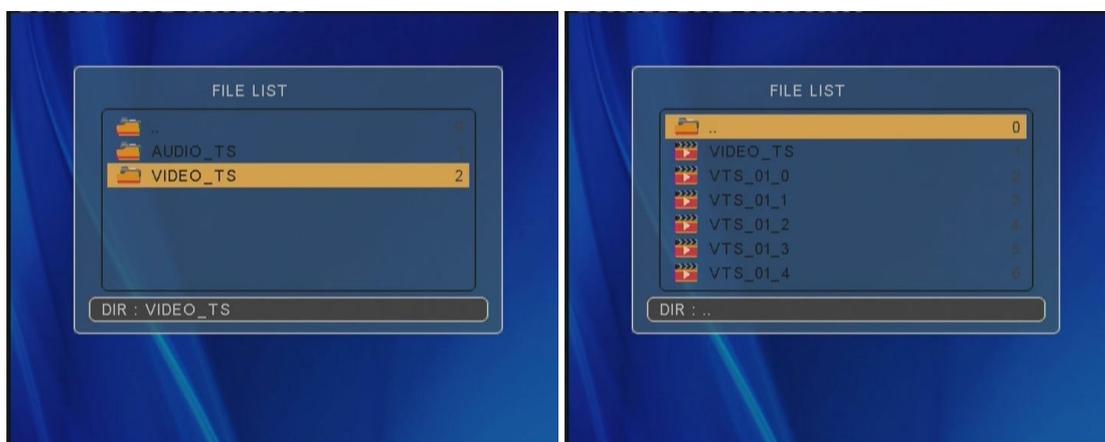
Press the navigational buttons to select options while navigating the DVD root menu. Press the **HOME** button to return to the root menu during playback.

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.

Download the latest firmware from our official website. The following shows the necessary steps for upgrading the firmware.

1. The file used for upgrade is named: bank30.rom. Copy it to the internal HDD or an external USB device.
2. Locate the upgrading file in the **FILE LIST**, and press the **ENTER** button.

Firmware installation will then start. The upgrading process will take several minutes, please be patient to wait. When it is finished, please unplug the power cord, and then plug it in again and press the POWER button to power on the unit.

Note:
Do not cut off the power supply during installation;

6. Appendixes

6.1 Specifications

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

6.2 Frequently Asked Questions
Question 1. My computer does not recognize my player.
Answer:
(1) Make sure the player is powered on. If it is off, the computer will not be able to find the player;
(2) Make sure the player is connected to computer. (Refer to 1.4.1 for connecting player to computer);
(3) When using Windows 98SE, install the USB driver first. After installation, restart the computer. Then reconnect the player to the computer. (Refer to 1.4.1 for connecting player to computer);
(4) If you installed the Windows 98SE driver over your Windows® XP, 2000, or ME edition, problems might occur;
(5) It is not recommend using the USB ports in the front of your computer, try to use the USB

ports in the rear, because the USB ports in the front are often from non-powered hubs.

Question 2. 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 3. 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 4. 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 5. 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 6. Why do some supported photo formats, cannot be shown in the photo function?
Answer:
In the JPEG format there are different modes. The player doesn't support all the modes. So you have to change your photo format first as follow:
(1) Use Photoshop to open the photo;
(2) Choose "File" then "save as" from the menu, as the picture on the left hand side shows, select the picture format as JPEG, input the file name and click the "save" icon;
(3) After click on the "save" icon, a new window will appear as the picture on the right hand side shows, select "Baseline (standard)" or "Baseline optimized";
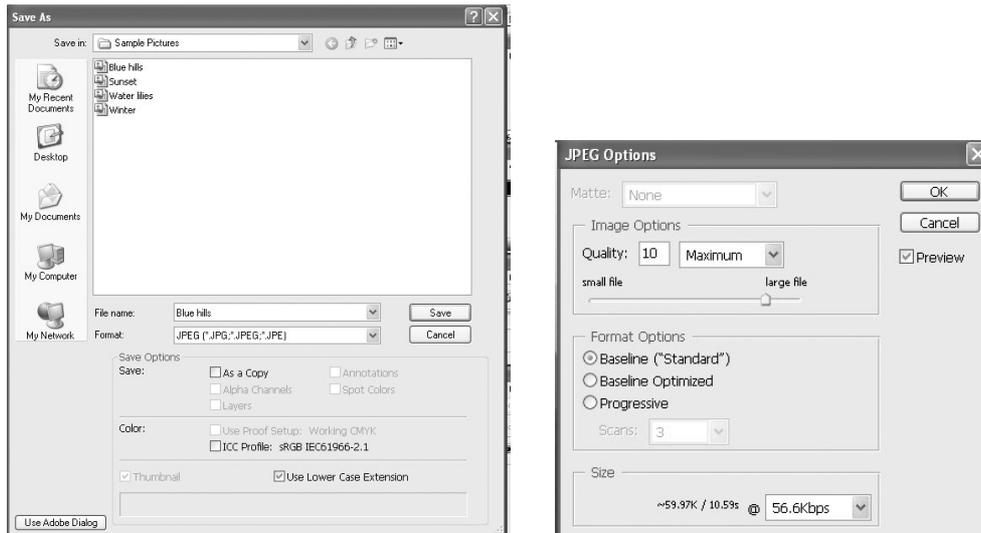
(4) Click the "OK" icon.

Question 7. 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 8. Why when I switch to Y/Pb/Pr 480P, 576P, 720P, 1080I, does the TV screen display an unwatchable picture?

Answer:

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

Question 9. 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.

Question10. Why couldn't the player find the hard disc?

Answer:

Make sure the firmware is installed correctly, and no system partitions on the HDD were deleted. If hard disc failure occurs, please backup your data and reinstall the firmware using the firmware in the Driver CD which is provided along with the player.

Question11. While playing movies in the multimedia partition, buttons like PREV, NEXT, A-B, etc. sometimes could not be used.

Answer:

The above functions are designed for IFO (DVD) files only.

Question 12. 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 again. Then it will work properly.

Question 13. I configured everything correctly, but still cannot get the wireless network connected.

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 14. When I am using the NAS function, I cannot copy files to the player.

Answer:

Please check the file system format of the hard disc drive partitions on the player. NTFS partitions are read-only on the system. Therefore, files cannot be written onto any NTFS partitions via the NAS mode. However, you can copy the files you wish to the NTFS partitions via a USB cable.

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