

Home Multimedia Center

Movie Cube K230

User's Manual

(Version 1.2)

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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 high-speed USB 2.0.

This player has the following functionality:

- Data Storage - supports 3.5" SATA HDD up to 1TB.
- Video Playback - supports AVI, VOB, MPG, MP4, 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). OGG 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 Emtec. Thank you again for choosing our product.

## 1.2 Packing List

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

### How to power on / power off the player

- press on the POWER button of the player to power on



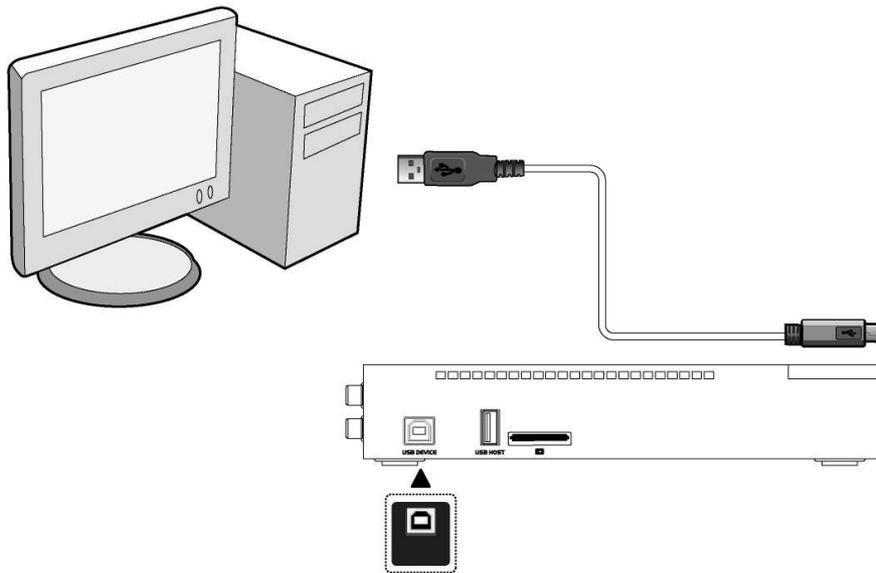
- press on the POWER button of the remote control to switch off the player



Note: you can not switch ON the player with the POWER button of the remote control.  
This measure is done to be compliant with the European regulations on power consumption.

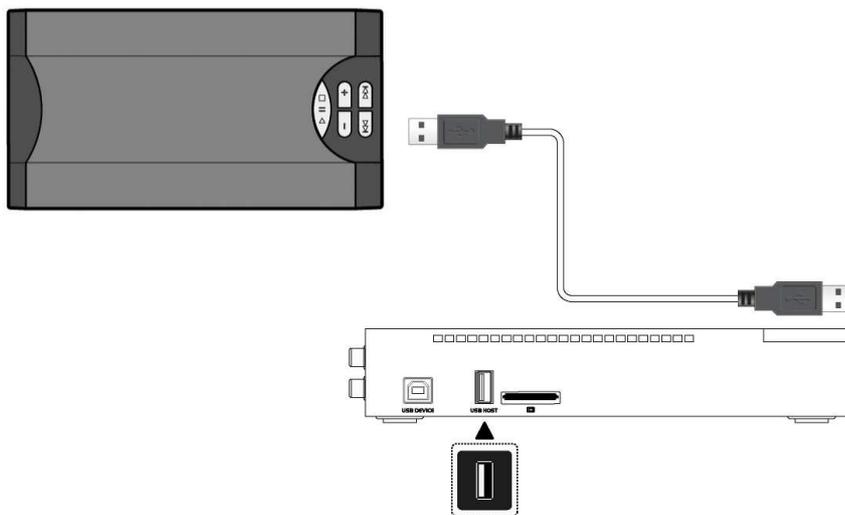
### 1.4.1 Connect to Computer

- (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**

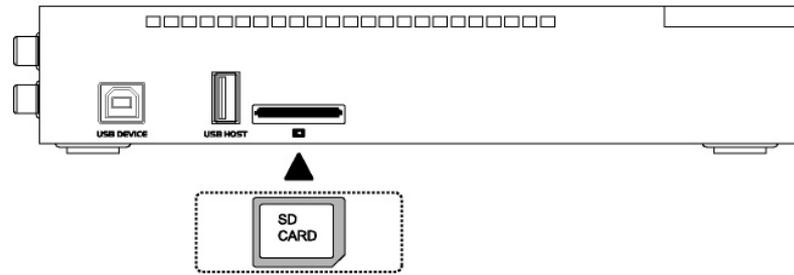
- (1) Make sure the player is powered on;
- (2) Plug in the USB Pen Drive or USB HDD etc. to the USB host port of this player.



**1.4.3 Memory card connection**

Memory card can be used by inserting to the card slot.

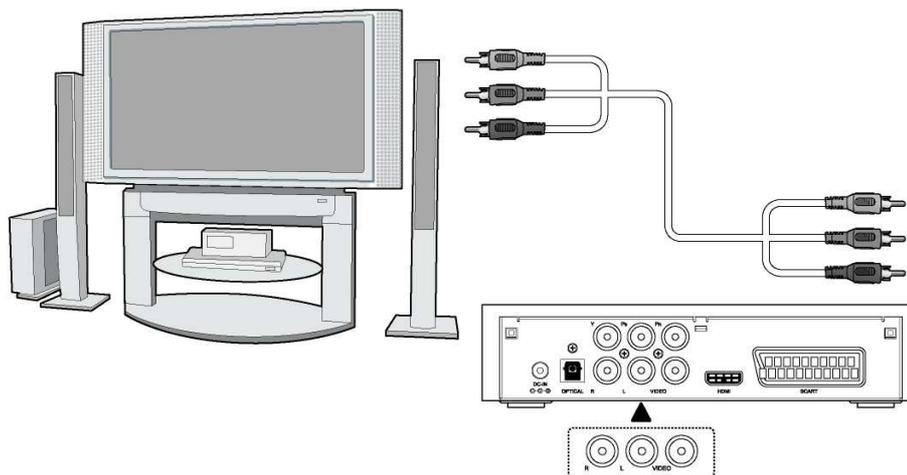
- (1) Follow the picture to insert the memory card to the card slot properly;
- (2) Insert the card by following the arrow pointer in the picture.



### 1.4.4 TV connection

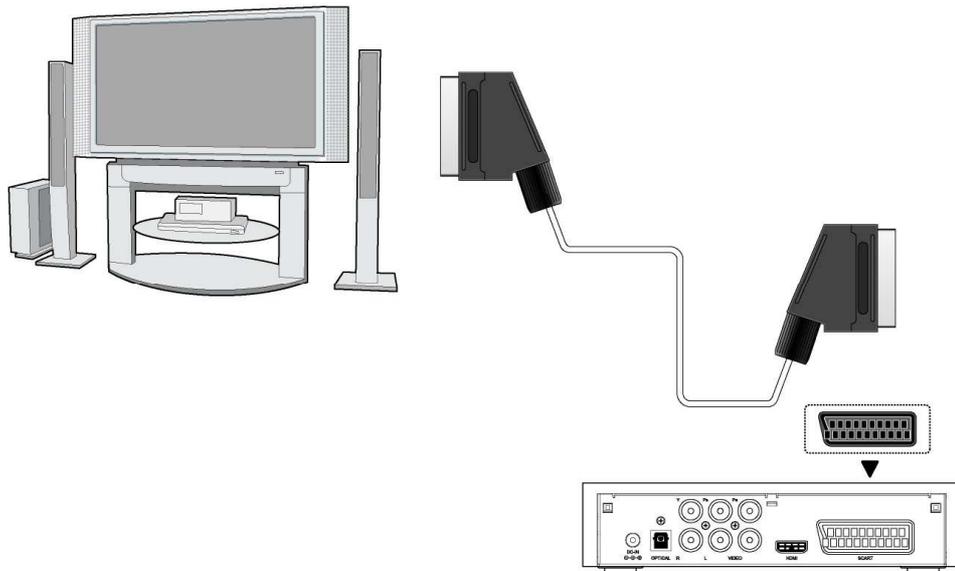
#### 1.4.4.1 A/V OUT

- (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.



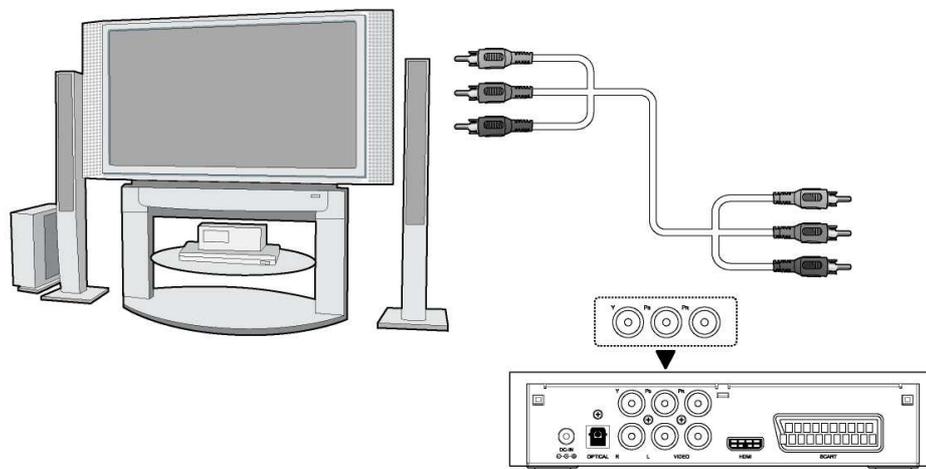
#### 1.4.4.3 Y/Pb/Pr Component OUT

- (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;

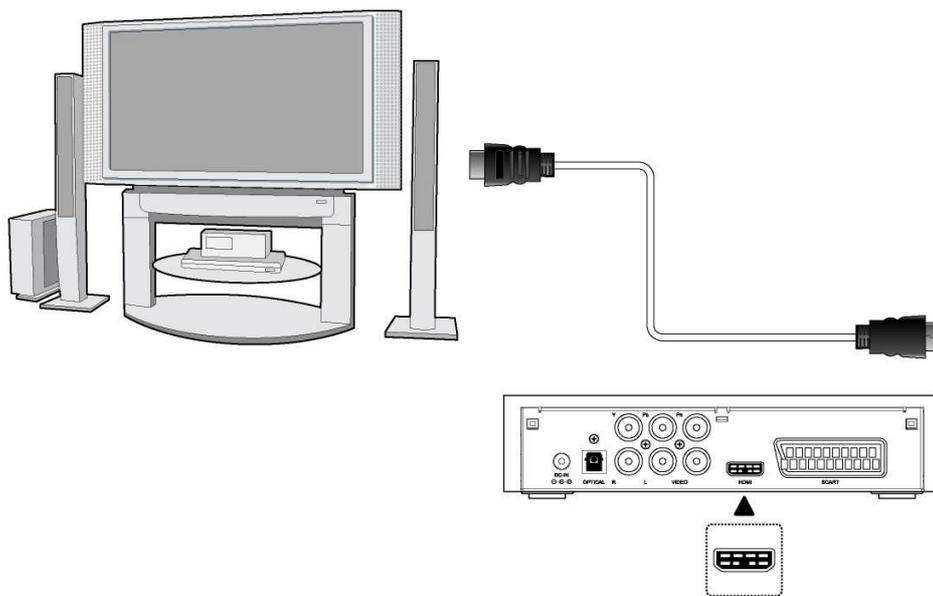
Second method: use the audio output from the S/PDIF Coaxial or Optical jack.



In this way, you can also enjoy videos, music, and photos in the player on TV.

#### 1.4.4.4 HDMI OUT

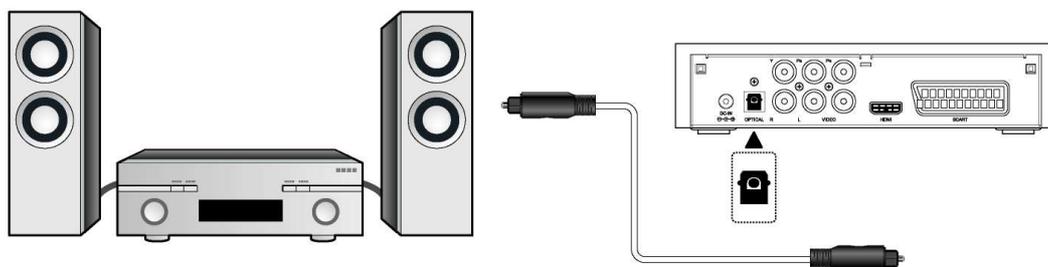
- (1) Follow the picture and plug one connector on your HDMI cable to the player's HDMI jack;
  - (2) Follow the picture and plug the other connector on your HDMI cable to the TV's HDMI jack.
- (not supplied)



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

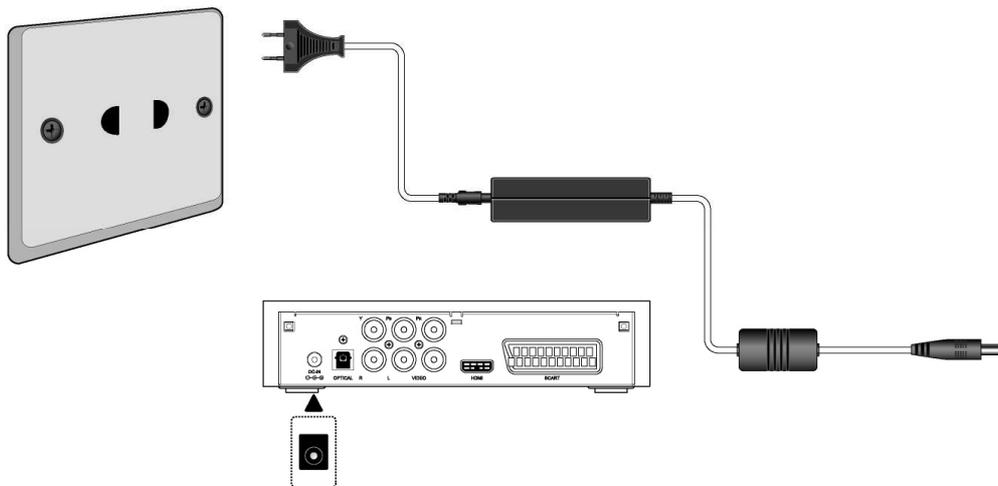
#### 1.4.5 Digital Audio Device connection

- (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 connecting to power, the indicator of the POWER button on the front panel will turn on (red light), press the POWER button will power on the player; During power on, the indicator light will flash a blue light, after the player is power on, the indicator will turn on the blue light.

### 2. Power off

In playback and other interface, press the POWER button to turn off the player, when power off the player will prompt you that the system is being shut down. After the system is shut down, the indicator light of the POWER button on the front panel will turn red.

### 3. Language control

The system language of this player can be set to English or other languages. In setup interface, 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:



No.	Button	Function
1	<b>POWER</b>	Press and hold 2 sec to power on/off the player.
2	<b>SETUP</b>	Enter the setup menu.
3	<b>SLIDE</b>	Select to set photo slide show
4	<b>SLOW</b>	Enter slow motion when playback
5	<b>REPEAT</b>	Setup the repeat mode.
6	<b>AUDIO</b>	Switch audio channels.
7	<b>SUBTITLE</b>	Turn on/off subtitle
8	<b>VOL+</b>	Increase the volume

9	<b>UP</b>	Move cursor upward. Rotate the photo.
10	<b>LEFT</b>	Move cursor to the left. Rotate the photo.
11	<b>ENTER</b>	Enter/Confirm
12	<b>VOL-</b>	Decrease the volume
13	<b>DOWN</b>	Move cursor downward. Rotate the photo.
14	<b>MENU</b>	Press this button to return to the main interface. Select to turn on / off the photo digest mode. If this option is on, photos in the <b>PHOTO LIST</b> will be displayed in thumbnail mode.
15	<b>A-B</b>	Press to set the beginning and end points of a section to repeat.
16	<b>FR</b>	During video/audio playback, press this button to fast rewind, press again to speed up the process; when in zoom mode, press this button to zoom out.
17	<b>FF</b>	During video/audio playback, press this button to fast forward, press again to speed up the process; when in zoom mode, press this button to zoom in.
18	<b>MOVIE</b>	Enter movie interface from other interface
19	<b>MUSIC</b>	Enter music interface from other interface
20	<b>PHOTO</b>	Enter photo interface from other interface
21	<b>FILE</b>	Enter file interface from other interface
22	<b>STOP</b>	During playback, press this button to stop the playback.
23	<b>DISPLAY</b>	Press to display the elapsed time
24	<b>PLAY/PAUSE</b>	Playback/Pause
25	<b>PREV</b>	In file list mode, press this button to return to the previous file list. In playback mode, press this button to playback the previous media file
26	<b>RIGHT</b>	Move cursor to the right. Rotate the photo.
27	<b>NEXT</b>	In file list mode, press this button to move to the next file list. In playback mode, press this button to playback the next media file
28	<b>COPY/DIR</b>	Press to set the destination directory while copying files. Then Press again to copy the highlighted folder/file.
29	<b>TV SYSTEM</b>	Switch video output mode.
30	<b>ZOOM</b>	Enter zoom mode, press FR/FF button to zoom out/zoom in the photo
31	<b>DVD</b>	Press under VIDEO_TS folder to playback DVD DISC.

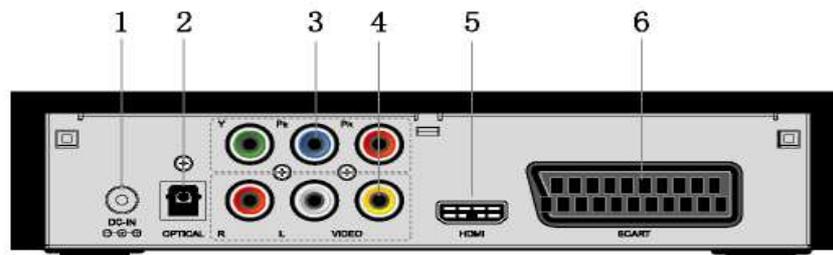
32	<b>DEVICE</b>	Enter storage device interface from main interface or other interface.
33	<b>MUTE</b>	Press this button to turn on/off mute function

## 2.2 Front Panel



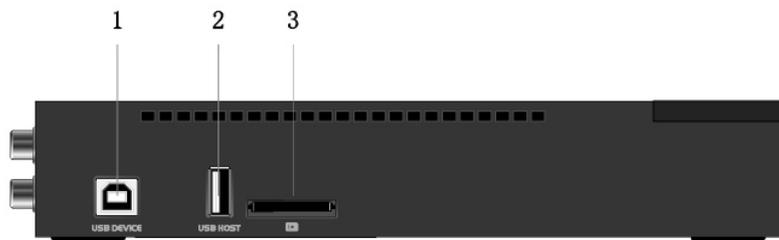
- 1. Infrared indicator
- 2. POWER indicator
- 3. Infrared remote receiver
- 4. POWER button

## 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 HOST port (A-Type)
- 2. USB DEVICE port (B-Type)
- 3. Card slot

## 3. Functions

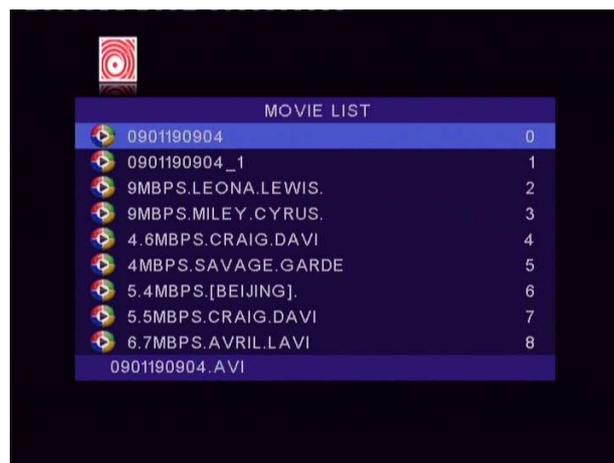
### 3.1 Main Interface

In the main interface, by default the cursor will stay on the movie function, when the cursor points to another function, the name of that function will be displayed. The main interface contains: VIDEO, MUSIC, PHOTO and FILE.



### 3.2 Movie Playback

Enter movie interface, only supported video files and folders will be displayed. This player supports DAT, VOB, AVI and MPG video files.



Select a video file to start playback, due to size of the video, the loading process might take a while. You can access the following functions during playback:

- **PLAY/PAUSE:** Press to play/pause the playback
- **FR/FF:** Press to fast reverse/fast forward the current playback. Press repeatedly to select speeds(2x/4x/6x/8x)
- **REPEAT:** Select to choose between **ONE**, **FOLDER** and **DISK**.

- **AUDIO:** Press to switch the audio channel, it cannot switch the audio track
- **Subtitle:** Press to turn on/off the subtitle.
- **DISPLAY:** Press to setup the display time, turn off time display/playback time/time remaining
- **STOP:** Press to stop the playback and return to the video interface

### 3.3 Photo Playback

Enter photo interface, only supported image files and folder will be displayed. This player only supports JPEG files.



Select an image file to start playback, the player will start slideshow by default; you can press the PLAY/PAUSE button to stop the slideshow, then you can access the following functions:

- **Direction Button:** Press UP/DOWN/LEFT/RIGHT button to remove the image.
- **ZOOM:** Press this button to activate the zoom mode. You can press **FF/FR** buttons to zoom in/out
- **REPEAT:** Select to choose between **ONE**, **FOLDER** and **DISK**.
- **STOP:** Press this button to stop the playback and return to the photo interface
- **Menu:** During photo playback, press this button to view photos in thumbnail mode.

Note:

Image cannot be zoomed when resolution is set to 720P/1080i

### 3.4 Music Playback

Enter music interface, only supported audio files and folder will be displayed. This player supports MP3, WMA and AC3 audio files.



Select an audio file to start playback. You can access the following functions during playback:

- **PLAY/PUASE:** Press this button to play/pause the playback
- **FR/FF:** Press to fast reverse/fast forward the current playback. Press repeatedly to select speeds(2x/4x/6x/8x)
- **REPEAT:** Select to choose between **ONE**, **FOLDER** and **DISK**.
- **DISPLAY:** Press to setup the display time, turn off time display/playback time/time remaining
- **STOP:** Press to stop the playback and return to the audio interface

### 3.5 File

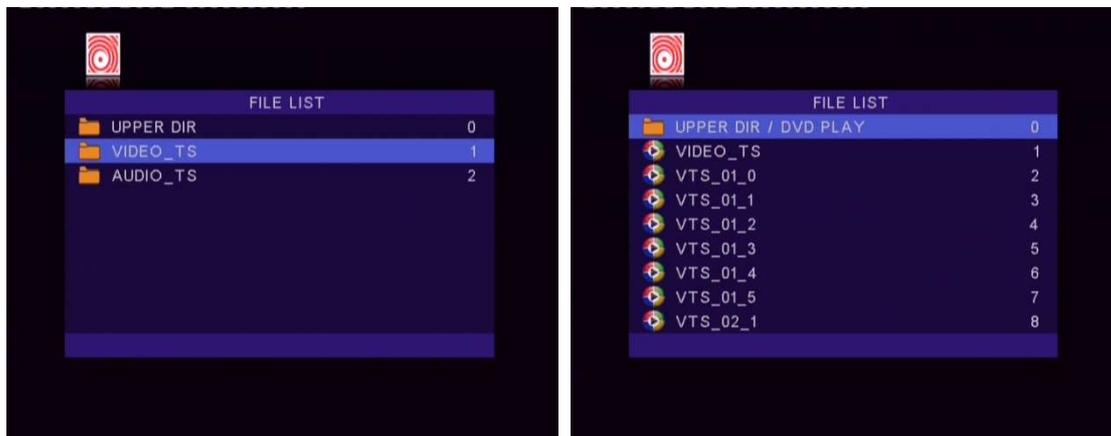
Enter File interface, all supported video/audio/image files and folder will be displayed, you can also access all the functions corresponding to each file type.



- **SLIDE:** Put pictures and music files in the same folder. Enter the folder, move the cursor onto photos, and then you can press this button to activate the slide show mode with background music.

### 3.5.1 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 **MENU** button to return to the root menu during playback.

Note: The VIDEO\_TS and AUDIO\_TS directories need to be copied together to one same folder on the HDD.

### 3.6 Storage device

In the main interface, press the DEVICE button to enter storage device interface. When there is more than one partition, you can select the specific partition you want; when a U-disk or other portable device is plug-in, you can select USB device to access them.



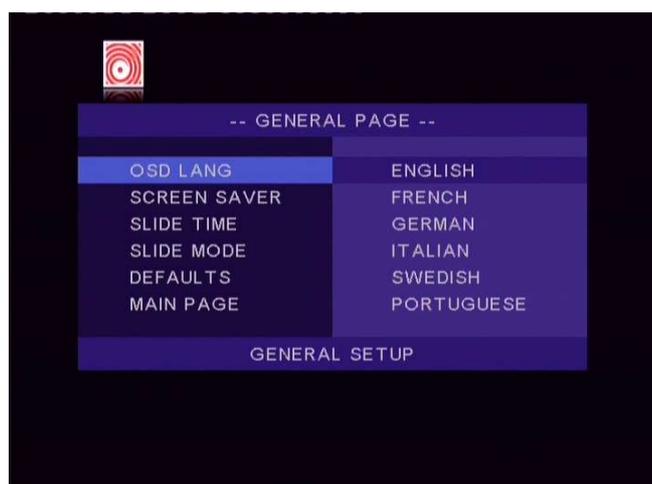
## 3.7 Setup Menu

The Setup Menu allows you to configure general and video settings. To enter the menu, press SETUP button on the remote control.



### 3.7.1 GERNERAL SETUP

Select GENERAL SETUP and you can setup OSD LANGUAGE, SCREEN SAVER, AUDIO OUTPUT, etc.

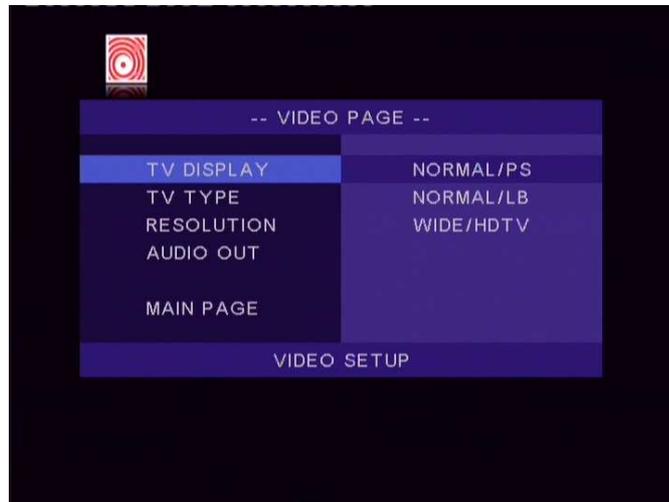


OSD LANGUAGE	To select and change the system language. It supports English, French, German, Italian, Spanish, etc.
SCREEN SAVER	You can turn screen saver on/off. The time interval of screensaver is 1 min, which means if the player didn't receive any button signal within 1 min, the player will go into screensaver mode.
Slide Time	Select to set the interval time of photo slide show: <b>5S</b> , <b>10S</b> , or <b>15S</b> .
Slide Mode	Select to set the transitional effect of photo slide show.
DEFAULTS	Restore the unit to factory settings.

### 3.7.2 VIDEO SETUP

Select VIDEO SETUP and you can setup TV DISPLAY, TV TYPE and RESOLUTION.

TV DISPLAY



TV DISPLAY	NORMAL/PS, NORMAL/LB, WIDE/HDTV
TV TYPE	AUTO, NTSC, PAL
RESOLUTION	INTERLACE, PROGRESSIVE, 720P, 1080I <div> <p>The screenshot shows a video setup menu titled "-- VIDEO PAGE --". The menu items are: TV DISPLAY, TV TYPE, RESOLUTION (highlighted), AUDIO OUT, and MAIN PAGE. The current values are: RESOLUTION: SD INTERLACE, SD PROGRESSIVE, 720P, 1080I. At the bottom, it says "SET RESOLUTION".</p> </div>
Audio Out	Select to set <b>Analog</b> , <b>SPDIF/RAW</b> , or <b>SPDIF/PCM</b> .

## 4. 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.

### **Step 1: Prepare the USB Pen Drive**

You will need a USB Pen Drive for firmware upgrade. Copy the file "bank30.rom" to the root directory of a USB key. No change the file name.

### **Step 2: Power on the player and connect it with TV.**

### **Step 3: Connect the USB Pen Drive**

Plug the USB Pen Drive into one of the USB HOST ports of the player.

Firmware installation will then start. You will see a short message "Write..Erase.." on the left upper corner on the TV screen.

Please wait for about 1 minute, and installation will be completed. Then the blue indicator on the front cover will turn red and the player will restart automatically.

### **Note:**

Do not turn off the power during installation;

The USB Pen Drive is not allowed to be unplugged during installation.

## 5. Appendixes

### 5.1 Specifications

#### Technical Specifications

Video	Format: AVI, VOB, MPG, MP4, DAT
	Codec: MPEG-1, MPEG-2, MPEG-4 ASP
	Resolution: Up to 720x576 (PAL), 720x480 (NTSC)
	Subtitle: SRT, SSA, SMI
Audio	Format: MP3, WMA (DRM, Pro and Advanced Profile not supported), OGG
	Codec: MP2, MP3, PCM, LPCM
	Compression rate: MP3: 32 Kbps~320 Kbps; WMA: 32 Kbps~192 Kbps
Photo	JPG/JPEG (720p/1080i)
	Slide Show and zoom support
A/V Output	Video: Composite, Component, HDM I (Version 1.1) up to 720p/1080i
	Audio: Stereo RCA, HDMI, S/PDIF Optical
TV System	PAL, NTSC, Auto
USB Interface	USB 2.0 DEVICE port x 1
	USB 2.0 HOST port x 1
Card Reader	SD/MMC/MS/MS Pro
Hard Disk	3.5' SATA HDD up to 1TB
File System	FAT, FAT32, NTFS
Operating Temperature	+5°C to +35°C
Power	AC-DC Adapter 12V, 1.5A
Dimension	180x220x40mm
Weight	Approx. 650g (w/o HDD)

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

### 5.2 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:**

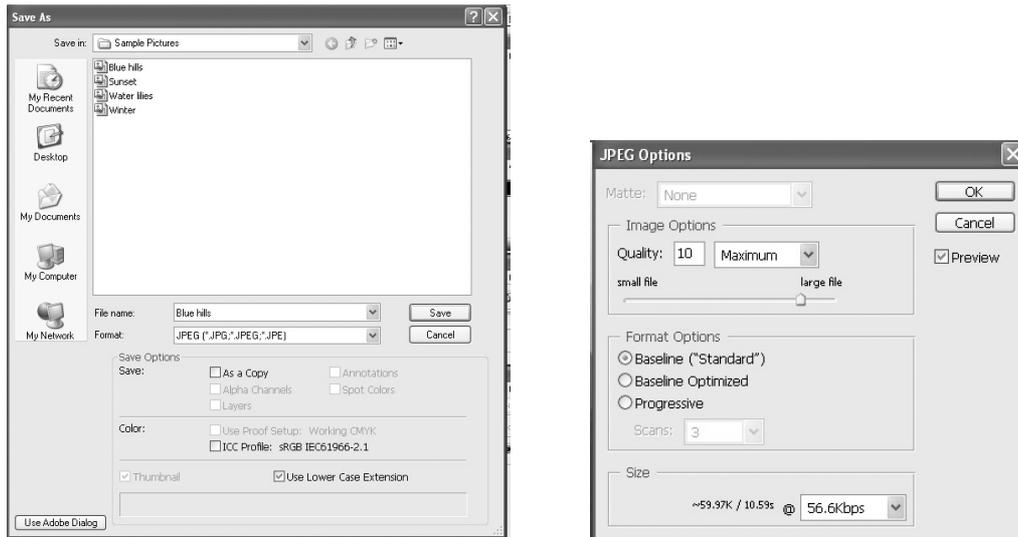
Make sure that you browse your files via the correct Browser mode which means correct filtered views such as Photos, Music, or Movies.

***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. I want to format the player’s hard disk.**

**Answer:**

You can do this, but it will erase ALL of the data on your player. Sometimes this may be necessary if your FAT (File Allocation Table) becomes so corrupted that nothing seems to fix your file problems.

**Question 8. I would like to partition the player hard disk.**

**Answer:**

If you know how to partition a hard disk, this is OK. The player can recognize FAT32 or NTFS partitions. However, the NTFS file system will be read-only.

**Question 9. How can I format a hard disk (above 80 GB) into a FAT32 partition?**

**Answer:**

Windows 2000/XP can view a FAT32 partition within the capacity of 128GB, but the format tool in Windows 2000/XP can only format FAT32 partition within the capacity of 32GB. If you need to format any FAT32 partition beyond the capacity of 32GB, please use other third party format tools, like Norton Partition Magic 8.0®.

**Question 10. 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.

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