

## LC-MP5-FHD - USER MANUAL - CONTENTS

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Thank you for choosing a product from LC-Power.

**IMPORTANT:**

If you face any trouble connecting your devices or feel unsure how to connect them, please refer to your local dealer to avoid any personal damage or damage on your hardware.

**WARRANTY NOTICE:**

Within the warranty period LC-Power will repair or replace your product if a damage occurs due to a mistake in manufacturing.

We will not be able to provide service if:

1. the 'sealed sticker' has been removed, damaged, replicated or mistreated in any other form
2. the product has been installed in a wrong way, altered or misused in any other way than its original purpose of use
3. you upgrade to new components or file formats/codecs which are not supported by this product
4. damages occur due to natural disasters or force majeure

Please contact your dealer about his servicing method, he will take care of the product exchange or repair within the warranty period. A direct exchange with us is not possible, service cases will always be handled by your dealer.

## **Brief introduction**

### **Features**

Combined with an external hard disk, an USB key or a memory card (separately available), the LC-Power media player LC-MP5-FHD is a very practical device to watch movies (Full HD 1080p, mkv supported), listen to music or to enjoy photo slideshows. Connect external USB devices (e.g. hard disk enclosure, digital camera, camcorder) to show your media on your

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TV set or use the Ethernet port to browse specific internet services like Youtube, Picasa, Flickr or BBC News. Enjoy the spectacular quality of high definition video and audio. Operate your media center easily with the included remote control.

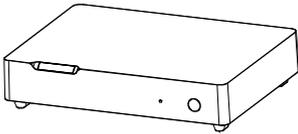
## **Basic performance**

- Video Decoding: MPEG 1/2/4, Divx, Xvid, H.264, VC-1, RM/RMVB
- Video Format: WMV, MKV, MOV, AVI, MPG, MP4, TS/M2TS/TP/TRP, ISO, IFO, VOB, DAT, RM/RMVB, FLV
- Audio: MP3, WMA, WAV, AAC, OGG, Dolby Digital
- Image: JPG, BMP, PNG, GIF
- 2x USB Host: Connection with USB mass storage devices
- Digital video: HDMI high definition port
- 1080p output: Full HD 1080p (1920 x 1080 pixel) decoder output
- Network: RJ45 port (10/100M), WLAN (802.11 b/g/n, optional)

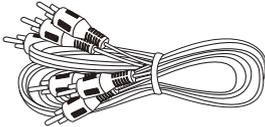
## **Product details**

### **Packing list**

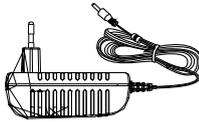
Check the accessories after receiving the product. If there is anything missing, please contact your dealer immediately.



Media palyer



AV cable(Red, Yellow, White)



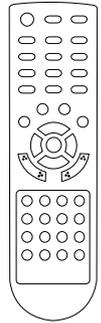
Power adapter



User manual

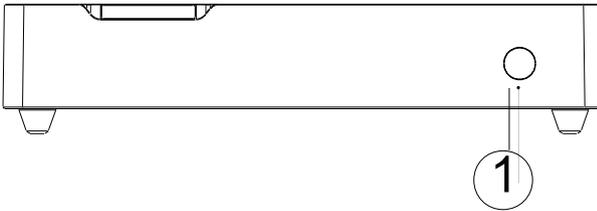


Battery



Remote control

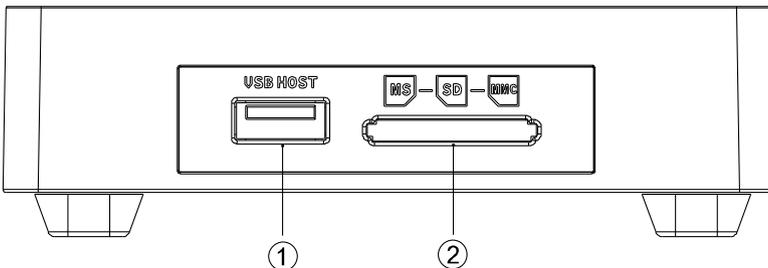
## Front view



## Button description

	Element	Description	Remark
①	IR	Infrared receiver	Receives signals from the remote control. Point the tip of the remote control to the infrared receiver and ensure that the path between both is unobstructed.

## Side view

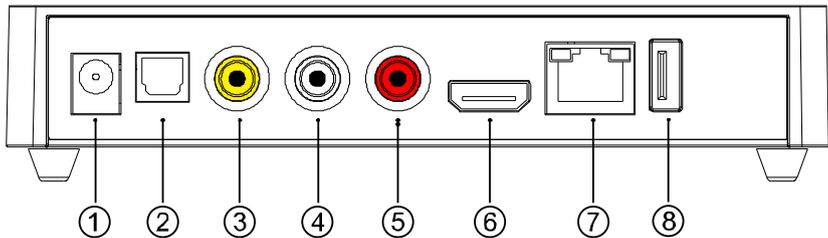


## Interface description

	Description	Remark
①	USB host	Supports external USB storage devices
②	3-in-1 card reader	Supports MS, SD/SDHC, MMC memory cards

How to use memory cards: The Product has an integrated multimedia card reader supporting memory cards including MS, SD/SDHC and MMC. Gently insert the memory card into the reader with the arrow side upwards until there is a “click” sound.

## Back view



## Port definition

	Port	Port definition	Instruction
①	DC IN	Power port	Power input
②	Optical	Digital audio output port	Digital audio signal output
③④⑤	AV	Composite video output port	Composite video and audio output
⑥	HDMI	High definition port	Digital video and audio output
⑦	LAN	Network port	Network connection for internet based services
⑧	USB host	USB port	Supports external USB devices

## Remote control

BUTTON	FUNCTION
POWER 	Turn on and off in stand by mode.
MUTE 	Turn on or shut down audio output.
TV SYSTEM	Press to switch between NTSC, PAL, 480p, 576p, 720p 50HZ, 720p 60HZ, 1080i 50HZ, 1080i 60HZ, 1080p 50HZ, 1080p 60HZ.
0-9	Press to input digits.
GOTO	Press to play the video at the desired chapter according to the setting schedule.
GUIDE	Switches to the main menu.
FR 	Press to fast rewind from the current position, press again to select the speed.
FF 	Press to fast forward from current position, press again to select the speed.
RETURN	Return to the previous menu.
SETUP	Opens the settings menu.
	Press shortly to move the cursor to the left.
	Press shortly to move the cursor to the right.
	Press shortly to move up the cursor.
	Press shortly to move down the cursor.
OK	Pressing this button confirms a selection or starts the playback of a media file.
PREV 	Press to return to previous file.
NEXT 	Press to go to next file.
VOL-	Press to decrease the volume.
VOL+	Press to increase the volume.
OPTION	Opens the options menu in the browser to rename or delete the file.
STOP 	Stops the playback of a media file.
PAUSE/STEP II 	Pause the playback or playback step by step.
REPEAT	Press to set a repeat option: chapter, title or off.
COPY	Enter the copy mode.
SELECT	Press to select file or folder to be copied in the copy mode.
CONFIRM	Currently not used.
INFO	Press to display time, title, information of a chapter

	when playing video and photo files.
SUBTITLE	Switch the subtitle if the file supports it.
SLOW	Press to have slow motion: 1x, 3/4x, 1/2x, 1/4x, 1/8x, 1/16x. Press OK to resume regular playback mode.
AUDIO	Switch the audio format output.
ZOOM	Press to zoom when playing back photos or videos: Photo zoom levels: 2x, 4x, 8x, 16x Video zoom levels: 1x, 2x, 3x, 4x, 8x
ALL	Press this key to show all files.
MUSIC	Press this key to show all audio files.
PHOTO	Press this key to show all picture files.
MOVIES	Press this key to show all video files.

# Basic operation

## Preparing for usage

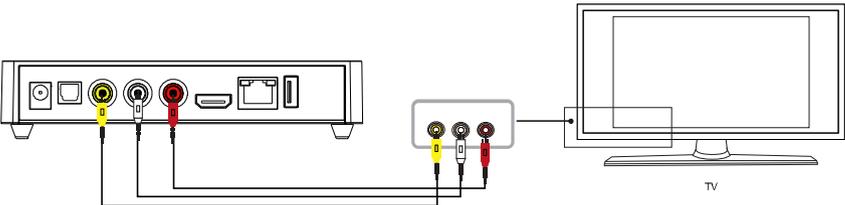
### 1. Power connection

Take out the power adapter from the package and connect it to the player.

### 2. Connection of audio and video output to your TV

The player is designed with multi-output connections, including composite (AV), HDMI and Optical. You may select different interfaces according to your needs. The player can detect the video output automatically, making the operation easy and convenient. Please refer to the following instructions for connection.

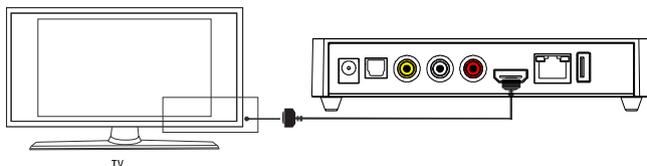
#### Composite output connection (AV)



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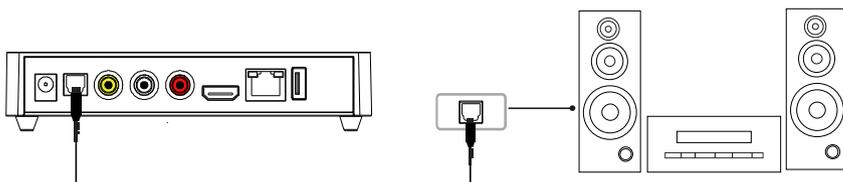
Plug the yellow, red and white connectors into the AV output of the player and the AV input of the TV (or the red/white audio connectors into your Hifi system). Turn on the TV and select the AV mode. Turn on the player and the TV displays the start menu.

### HDMI output mode



HDMI is an output with best audio and video quality which outputs the digital data composited at the same time. Connect a HDMI cable to the output connector of the player and the HDMI input of your TV. Select HDMI mode on your TV until it displays the start menu of the player.

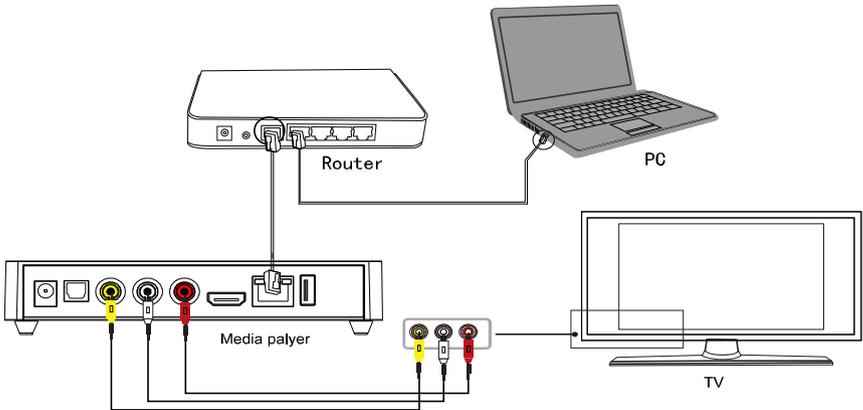
### Optical output mode



Connect the optical connector of the player with the one of your audio system by using an optical cable. Then enter the players' audio menu and select the digital output option "SPDIF LPCM" or "SPDIF RAW". It provides 5.1 high quality sound through a multi-channel decoder/amplifier with optical input.

## 3. Network connection and setup

The player can play files stored on your PC directly through a network. Please connect a RJ45 cable to the player and a router according to the following illustration. The network connects well when the network status LED blinks.



Connect the video output (AV as shown or HDMI). Press the “setup” key or select “setup” in the start menu. Select the “Network” option in the setup window and press “OK” to confirm. You can choose an automatic or manual IP setup. Press the “setup” key again to exist after setup. Please see **"Wired LAN Setup"** for more details. Before the player can access the files on the PC through the network, the media files must be shared in the network according to the following chapter.

## Operation of file sharing

### File sharing feature under Windows

Two conditions are necessary for a successful playback of files via the network connection:

1. Folder sharing and safety setup.
2. Setting the same gateway and subnet mask address.

### Procedure of file sharing under Windows XP/Windows 7

1. Select the folder to be shared, right click your mouse and select the option "Sharing and safety".
2. Select "Sharing" in the property option and select "Share this folder on the network" and click "Apply" to confirm.
3. Open "Control panel - Management tool - Computer management -

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Local users and groups” and click the “Users” option. Right click “Guest” and select “Properties”.

4. Select 'users can not change your password' and 'password never expires'. Keep the other checkboxes unchecked.
5. Open “Control panel - Network connection”, select “Local Area connection” and right click to select “Properties”.
6. In the pop-up window, select “Internet protocol (TCP/IP)”.
7. Set up the relevant IP address, subnet mask and gateway; you can also choose the automatic adjustment.
8. Completion of Windows XP network sharing.
9. Finally, please close the Windows Network Connection Firewall.

### **Operation of file sharing under Windows Vista**

1. Please make sure that the Vista operation system has been entered with Administrator rights.
2. From the desktop, select ”Start – Setup - Control panel - Select user account”
3. Open “User account”, select “Open a new account” and name it “Guest”.
4. Select the folder to be shared and right click the mouse, then select the “Sharing” option.
5. Open the shared folder and add the “guest” account to the list.
6. Give the access right to all the users after adding the “Guest” into the list.
7. Select “Sharing”, then the folder is shared.
8. Finish sharing.
9. Operate the device in the same way as described for Windows XP/7 systems.

### **Usage of the USB HOST interface**

The player can be expanded with large capacity external devices. The USB HOST port can read from an external hard disk, USB key, digital camera, camcorder, memory card and other data storage devices.

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# Operation of product usage

## Note:

If you connect the power supply for the first time, the device will power on automatically and show the start menu.

Please read the following instructions carefully to understand the functions of each menu.

## Main menu

The main menu allows you to browse and play music, photo and movie files stored on external USB devices, memory cards or in a network.

Press “▲” and “▼” to select the device on which the media is stored. Choose from an USB connected device, a memory card or the network or press the MOVIES, PHOTO, MUSIC or ALL button on the remote control to browse your files. Press the “OK” button to confirm and play the files from the selected device.

## File range function

To make file browsing and playing easier, there is a function to range all files into different folders named “All”, “Music”, “Photo” and “Movie”. You can switch to any folder by pressing one of the according buttons on the remote control.

## Browsing music

Press the MUSIC button on the remote control to enter the music playback mode. Press “▲” or “▼” to select the folder containing your audio files. A thumbnail strip appears at the bottom of the screen, along with song information. Press “▲” or “▼” to select the file you want to play and press “OK”. This browsing music function supports MP3, WMA, WAV, AAC, OGG, Dolby Digital format playback.

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## Browsing photos

Press the PHOTO button on the remote control to enter the photo playback mode. Press “▲” or “▼” to select the folder containing your photo files. Enter the folder and press “▲” or “▼” to select the photo you want to view. Press “OK” and the photo will be displayed in full screen mode.

While watching a photo, you can press “◀” and “▶” to rotate a photo in any angle. Beside rotating a photo, you can press ZOOM to zoom in/out of that photo, four zoom levels (2x, 4x, 8x, 16x) are available. The photo browsing function supports high definition (JPG, BMP, PNG, GIF) photo playback.

If the SLIDESHOW has been enabled in the setup (“Photo Setup” menu), press the “Setup” button to return to the pictures you want to playback and the slideshow will start automatically.

If you want to playback background music during the slideshow, make sure that you copy your music file(s) in the same directory as the pictures. Then choose the “Folder” option in “Background Music” (“Photo Setup” menu). Press the “OK” button to playback your slideshow with the background music.

### Note:

1. While listening to audio files, you can browse the photos at the same time.
2. If you press ZOOM during a slideshow playback, the slideshow will automatically stop.

## Browsing movies

Press the MOVIES button on the remote control to enter the movie playback mode. Press “▲” or “▼” to select the folder(s) containing your movie files. Enter the folder and press “▲” or “▼” to select the movie you want to view and press “OK”. The movie will be displayed in full screen mode. The movie browsing function supports high definition video playback (720p, 1080i,

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1080p). For example:

1. MPEG1 (DAT, MPG)
2. MPEG2 (VOB, MPG, TS)
3. MPEG4 (AVI, DIVX ,XVID)
4. H.264 (AVI, MKV, MOV, MP4)
5. RM/RMVB, ISO, FLV

Note: If you playback a HD video, you can adjust the movie resolution according to your file.

### **Subtitle**

The player supports subtitle documents with the formats SSA, SMI, SRT and SUB. When the video being played supports the corresponding subtitle format, the subtitle can be switched, displayed or hidden by pressing the SUBTITLE button on the remote control. Meanwhile, the size and position of the subtitle can also be adjusted through the direction keys. When the movie is played with the subtitles shown on the screen, you can press “▲” or “▼” to change the subtitles' position on the screen and press “◀” or “▶” to change the size of the subtitles, with “▶” to enlarge and “◀” to reduce.

### **Browsing all**

Press the ALL button on the remote control to browse all files. Press “▲” or “▼” to select the folder(s) containing your files (beside Music, Photo and Movie). Enter the folder and press “▲” or “▼” to select the file you want to view and press “OK” to play.

### **Network**

When the product is connected to a network (referring to network settings), you can choose the “NETWORK” menu to access the shared files, there are two options to choose: “My Shortcut” and “My Neighbors”.

### **My Shortcut**

When you are browsing the network, you can choose the PC name from the

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menu or you can set “Specific File Server IP” and access it from “My Shortcut” in the menu. Then you can browse the shared files on the network .

### **My Neighbors**

When you are browsing the network, you can choose the PC name from the menu or you can select “My Neighbors” to access. Then you can browse the shared files on the network. Details refer to the network in the “Setup” menu.

### **Universal Plug And Play (UPNP)**

UPNP is based on the TCP/IP protocol as well as new internet protocols aim at communication between facilities. UPNP is made in the hope that all the facilities connected to the internet can communicate without being interrupted by a gateway in the future, so that our communication in the internet can become more fluently, document transmission can become more convenient by using software that supports UPNP and internet applications which cannot be used before can be operated in the future. This is all the convenience brought by UPNP. This product is a multimedia player that supports UPNP. Before using the UPNP function, please make sure that the computer connected with the product via LAN has installed a software that supports UPNP. If not, please install a multimedia player software or share software that supports the UPNP gateway protocol, then open the UPNP share function in the software, so that the access speed can be quickened largely. For example, connect the player to the family LAN and then multimedia documents shared in the Media Player 11 software on the computer can be accessed by the player through UPNP.

**Firstly**, connect the player to the family LAN. You can refer to network connection instructions to connect the player.

**Secondly**, install software that supports the UPNP gateway protocol. Before using the UPNP function, you need to install a software that supports the UPNP gateway protocol in your computer, then start the share function. For example install the Media Player 11 software that supports the UPNP function (remark: older versions of Media Player 11 don't support the UPNP

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function) on your computer.

**Thirdly**, share documents through setting the software. After installing the software, open the software's interface, choose "Media Base" in the main interface of the software and then choose "add to the media base" in the pull-down menu. After adding some documents or folders to the media base, choose "media share" in the pull-down menu. You can also set the types and positions for the shared documents, such as "music, picture or video" and so on.

**Fourthly**, use the player's UPNP function. When the setting of the shared documents is finished, choose the UPNP option in the main interface of the player to enter, then the player can search for LAN connected computers with an installed UPNP software. Enter the computer and you can see multimedia documents shared through Media Player 11 on your computer. Using UPNP is more convenient and faster than using the player's network function. The player can access computers without being interrupted by the gateway, avoiding fussy operations like inputting an user name, password etc. The function of UPNP is stronger, for example, through setting the options of Media Player 11, multimedia documents can be chosen and classified according to different ways, thus the information can be shown in a more detailed way, helping you to find what you want among plenty of documents.

### File edit menu

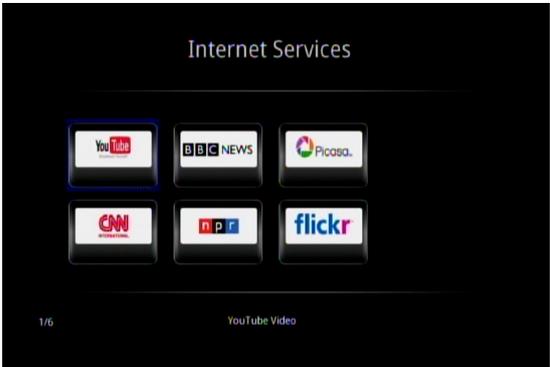
Press "▲" or "▼" to select the file or folder, press OPTION to display the "Edit" tab.

Return	Select to return to the main screen.
Rename	To rename a file, follow these steps: <ol style="list-style-type: none"><li>1. Press "▲" or "▼" on the remote control to select the "Rename" tab from the menu bar.</li><li>2. Press "OK" on the remote control. The name entry screen appears.</li><li>3. Use the navigation arrows to select letters and</li></ol>

	<p>numbers. Select “CAPS” to toggle between uppercase and lowercase letters. Press “&lt;-” to delete a letter. Press “-&gt;” to insert a space. Press “OK” to input each letter or number.</p> <p>4. Once you have entered the new name, select “OK” and press “OK” to confirm all changes. If you want to cancel the name editing during the process, press “Return”.</p>
Delete	<p>To delete a title, follow these steps:</p> <ol style="list-style-type: none"> <li>1. Press “▲” or “▼” on the remote control to select the “Delete” tab from the menu bar.</li> <li>2. Press “OK” to confirm and delete the file.</li> <li>3. A confirmation message appears. Press “▲” or “▼” and select “OK”.</li> <li>4. Press “OK” to delete the selected file. To cancel the deletion, select “Return”.</li> </ol>

## Internet Services

If the product is connected well to the internet (for details refer to the wired LAN setup or wireless setup), you can enjoy certain internet services. Select “Internet Services” in the start menu and press “OK” to confirm. You can access the internet services management which includes YouTube, BBC News, Flickr and Picasa (at time of printing).



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## Video

If you want to browse videos, you just need to click the video website icon (such as YouTube) on the main interface by pressing the navigation key on the remote control and pressing “OK” to confirm. After entering the YouTube interface, you can use the following functions: Recently Added, Recently Featured, Top Favorites and so on. Press the ▲/▼ key to select your favorite video and press “OK” to confirm. Note: The content from the internet is provided by internet service providers. The player itself can not guarantee that your service provider can continuously procure data.



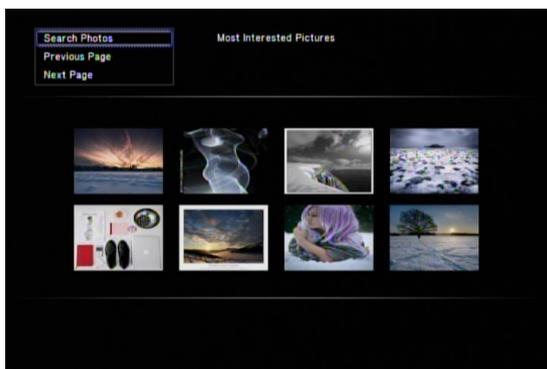
## News

If you want to browse news, you just need to click the news website icon (such as BBC News) on the main interface by pressing the navigation key on the remote control and pressing “OK” to confirm. Then you can enter the news management interface. For example, if you click the BBC News icon, you will find the interface which includes News Front Page, Business News, Asia-pacific etc. Press the ▲/▼ key to select your favorite news and press “OK” to confirm, then you are able to browse various kinds of news.

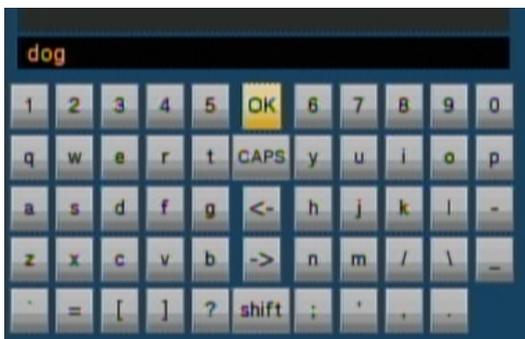


## Photos

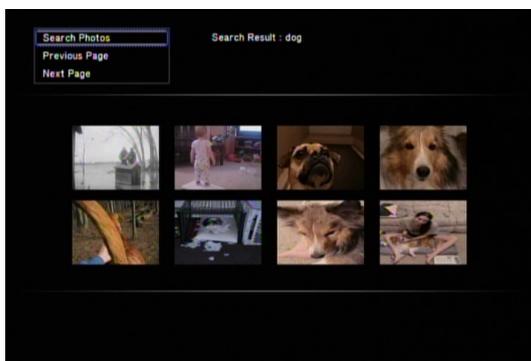
If you want to browse photos, you just need to click the photo website icon (Flickr or Picasa) on the main interface by pressing the navigation key on the remote control and pressing “OK” to confirm. Then you can enter the photo management interface. For example, select the flickr photo website and press “OK” to confirm. You can search photos, go to the previous or next page.



If you want to search for certain photos, just click “Search Photos”, the screen will display a keyboard interface to input the content you want to search for. Type in your search tag (e.g. “dog”) and press “OK” to confirm.



Use “Previous Page” or “Next Page” to browse the results



## File copy menu

The File copy menu allows you to copy files between USB devices, memory cards or the network. Select “COPY” on the remote control.

### Copying operation

Step 1: Select the source device

Press “▲” or “▼” to select the device which you want to copy from, then press “▶” to select the destination device (step 2) or press “◀” to return and change the source device.

Step 2: Select the destination device

Press “▲” or “▼” to select the destination device, then press “▶” for the next step or press “◀” to return and change the destination device.

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### Step 3: Select the files or folders to copy

At the source sector, press “▲” or “▼” to select the file or folder and press “SELECT” to select file or folder which needs to be copied. “√” appears at the right side of the selected file or folder. Then press “▶” for the next step or press “◀” to return. You can choose up to eight files or folders in one step.

### Step 4: Select the destination folders

Press “▲” or “▼” to select a target folder at the destination sector. Then press “▶” for the next step or press “◀” to return.

### Step 5: Copy status

At the top menu, select “OK” to copy or select “No” to cancel. After copying has finished, the system will display “File Copy is completed!” or will display “File Copy failed!”. Select “OK” to browse the copied files or select “No” to return.

## Setup menu

Select the “Setup” option or directly press the “Setup” button on the remote control to enter the setup menu. It is possible to configure Photo, Audio, Video, Network and System. Select any option by pressing “◀” or “▶” on the remote control and press “OK” to confirm or press “Return” to exit. Press the “Setup” button again on the remote control to exit from the setup menu.

### Changing the system settings

Menu language	Select to choose the OSD (On Screen Display) language. Press ▲ and ▼ to select the language. Press “OK” to confirm.
Text encoding	Select to choose the text encoding language. Press ▲ and ▼ to select the text encoding language. Press “OK” to confirm.
Screensaver	Turn the screensaver on or off.
System update	View the current software version and update the firmware of the player.
Restore default	Restore the factory's default settings.

## Changing the video settings

Movie preview	On/Off: When it is on, the movie can be previewed on the lower right corner of the screen.
Resume play	When the film stops to play, the product will record the location of the suspension, for the next playback it can resume to continue from where it was stopped the last time.
Seamless playback	On/Off: If selecting seamless playback, a movie with many chapters (e.g. HD movie) in the same folder can be played successively without buffering.
Aspect ratio	<p>Select to set the aspect ratio. Press “▲” or “▼” to select from Pan Scan 4:3, Letter Box 4:3, 16:9 or 16:10. Press “OK” to confirm.</p> <p>Pan Scan 4:3: Displays a wide picture on the entire screen and cuts off the redundant portions when a standard 4:3 TV is connected.</p> <p>Letter Box 4:3: Displays a wide picture with two black borders on top and bottom when a standard 4:3 TV is connected.</p> <p>16:9: Compresses the image to convert the whole image if a 16:9 TV is connected.</p> <p>16:10: Compresses the image to convert the whole image if a 16:10 TV is connected.</p>
Brightness	<p>Select to set the brightness level.</p> <p>Press “▲” or “▼” to adjust the brightness. The new setting is previewed onscreen. Press “OK” to confirm.</p>
Contrast	<p>Select to set the contrast level.</p> <p>Press “▲” or “▼” to adjust the contrast. The new setting is previewed onscreen. Press “OK” to confirm.</p>
TV system	<p>Select to adjust the TV system: HDMI Auto, NTSC, PAL, 480p, 576p, 720p 50Hz, 720p 60Hz, 1080i 50Hz, 1080i 60Hz, 1080p 50Hz, 1080p 60Hz.</p> <p>Press “▲” or “▼” to set the TV system. Press “OK” to confirm.</p>
1080p 24Hz	On/Off, this setting can be used with certain TVs and video files which support 1080p 24Hz.

## Changing the audio settings

Night mode	You can choose between “On”, “Off” and “Comfort” mode. In comfort mode, the player restricts the volume automatically so that it does not affect other people.
Digital output	<p>HDMI LPCM: Digital audio signal decoded by the player as HDMI 2.0 channel.</p> <p>HDMI LPCM MULTI CH Digital audio signal decoded by the player as HDMI 5.1 channel.</p> <p>HDMI RAW: The raw digital signal of the multimedia data is directly put out through HDMI, at this point the remote control has no function of adjusting the volume.</p> <p>SPDIF LPCM: Digital audio signal decoded by the player through the Optical connection.</p> <p>SPDIF RAW: The raw digital audio signal of the multimedia data is directly put out through the optical connection, at this point the remote control has no function of adjusting the volume.</p>

NOTE: If selecting HDMI LPCM/RAW, there is no signal output through the optical connection. If selecting SPDIF LPCM/RAW, there is no audio signal output through the HDMI connection.

## Changing the photos settings

Press “◀” or “▶” on the remote control to select the “Photos” tab from the menu.

Slide Show	Select to set the slide show time. Press “▲” or “▼” to select the interval you require. Press “OK” to confirm.
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Transition effect	<p>Select to set the transition effect of photos.</p> <p>Press “▲” or “▼” to select the effect you require:</p> <ol style="list-style-type: none"> <li>1) Cross fade - fade in and fade out</li> <li>2) Left to right - from left to right</li> <li>3) Top to bottom - from top to bottom</li> <li>4) Waterfall - like a steep descent of water from a height</li> <li>5) Snake - like snake motion</li> <li>6) Dissolve - like water dissolve</li> <li>7) Strip left down - like strip cover from top of left to bottom of right</li> <li>8) Shuffle - shuffle in and out</li> </ol> <p>Press “OK” to confirm.</p>
Background music	<p>Select to play a music file stored in the same folder as the pictures.</p> <p>Press “▲” or “▼” to select the file for the background music.</p> <p>Select “off” to close the function. Press “OK” to confirm.</p>

**Changing the network settings**

Wired LAN setup and wireless LAN setup	<p>Check the following points before you use this function:</p> <ul style="list-style-type: none"> <li>- Connection between player and network</li> <li>- Network protocol is available</li> <li>- PC firewall must be shut down</li> <li>- Files are shared</li> </ul>
	Auto: Automatically sets IP address
	Manual: Select IP address, subnet mask address and default gateway. It is available through navigation and numeric keys, press “enter” to confirm.

You can playback the multimedia files from the network by streaming and use the file copy function through the network.

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## Wired LAN setup

Connect the player to your LAN and press “Setting” on the remote control to enter the setting interface of the player. Select “Network” and enter “Wired Network Setting”. You can choose the automatic or the manual mode to do the setting.

**DHCP IP (AUTO):** To get the IP address of the domain name server automatically, select DHCP and then choose “OK”. The player can search and get IP addresses automatically. If the connection is successful, the gained IP address will be shown on the screen. If no IP address is shown on the screen, the connection is unsuccessful, thus you need to check the network connection to see if it has been set according to the requirements. Then try again to get an IP address.

**FIX IP (MANUAL):** To set the fixed IP address, subnet masks and default gateway, please input information by navigation keys and number keys and finally press “OK” to confirm and start testing. Parameters of the network connection will be shown if the connection is successful.

1. Select “Network” in the home page of the product. If there are open groups in the sharable network, other sharable working group folders, such as WORKGROUP, will exist besides MY\_SHORTCUTS and MY\_NEIGHBORS. Select and enter the corresponding folder, then you can play multimedia content shared in the network of the computer.
2. If there are no other sharable folders, select “MY\_SHORTCUTS” and enter. Press "OPTION" on the remote control and choose “Add” in the open window to create a new shortcut for computers that have set a network share. Input your user name, password and IP address of the appointed document server. User name is GUEST or EVERYONE and the IP address of the appointed document server is the IP address of the computer that has set the network share. There can be many sharable computers in the network, so input the IP address of the computer you want to access.

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3. If the connection is tested to be successful, save the setting. Choose the newly created shortcut to enter. Input username GUEST or EVERYONE and password, and then you can access to the appointed IP address and the shared content in that computer.
  4. The product can play multimedia documents in the shared content. If videos are played, the network connection speed will be shown on the screen. Higher speed indicates that the network is more stable and the quality of the video will be better.

## **Wireless Setup (optional, Wifi USB dongle required)**

If it is your first time to use the wireless network function, please do the following setting:

Access your player to the Local Area Network (LAN) and press “Setting” in the remote control to enter the players' setting interface.

1. Select “Network” and enter "Wireless network setting", choose the file name of the connecting configuration. Then the clue “Press ‘OK’ in the remote control to connect, and press ‘OK’ to test the selected connection” will show on the lower part of the screen. Press “OK” to connect. There are two connection modes to choose: "AP" and “Ad Hoc”.
2. If you select “AP” mode, the player can detect wireless signal sources within the searching scope of the configured wireless network card and the interface will show all the detected wireless SSID.
3. If you select “Ad Hoc” mode, the player can access to sharable content in specific objects. For example, the product and computers can connect and exchange data through choosing “Ad Hoc” mode without using wireless routers.
4. Connect an USB wireless network card (or dongle) that supports the 802.11 b/g/n protocol to the USB HOST interface of the product. Then “WIFI PLUG IN” will show on the screen. You can start to set the products' wireless network settings.

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## Infrastructure (AP) setting

1. Select “AP” to get SSID names. You can choose automatic update and the product will automatically search all the wireless SSID within the searching scope of the wireless network card.
2. After the searching finished, all found SSID will be shown on the screen. Choose the servers' SSID you want to access, test the connection and save the setting information. On the bottom right corner, there will be a green symbol showing the signal strength.
3. Select “Network” in the home page of the product. If there are open groups in the sharable wireless network, other sharable working group folders, such as WORKGROUP, will exist besides MY\_SHORTCUTS and MY\_NEIGHBORS. Select and enter the corresponding folder, then you can play multimedia content shared in the network of the computer.
4. If there are no other sharable folders, select “MY\_SHORTCUTS” and enter. Press "Edit" on the remote control and choose “Add” in the open window to create a new shortcut for computers that have set a network share. Input your user name, password and IP address of the appointed document server. The user name is GUEST or EVERYONE and the IP address of the appointed document server is the IP address of the computer that has set the network share. There can be many sharable computers in the wireless network, input the IP address of the computer you want to access.
5. If the connection is tested to be successful, save the setting. Choose the newly created shortcut to enter. Input username (GUEST or EVERYONE) and password, then you can access to the appointed IP address and get the shared content in that computer.
6. The product can play multimedia documents in the shared content. If videos are played, the network connection speed will be shown on the screen. Higher speed indicates that the network is more stable and the quality of the video will be better.

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## **Peer to Peer (Ad Hoc) setting**

Ad Hoc mode can build a peer-to-peer network structure without wireless AP. Computers configured with a wireless network card can connect with each other wirelessly through this mode. The network building process for Ad Hoc wireless LAN is very simple as it leaves out wireless AP. This mode is suitable for simple and provisional wireless connection requirements.

The operations introduced below will show you how to connect the product with a computer through Ad Hoc mode.

1. Enter the players' wireless network setting, select "Ad Hoc" and enter.
2. Set the players' wireless SSID name in the wireless network. You can edit the name whatever you like. Other computers configured with a wireless network card can see the SSID name of your product through searching.
3. Select security modes for your wireless network: Open system or WEP (Wireless Equivalent Privacy). If you choose open system, other computers configured with a wireless network card can connect with your product freely after searching for it. If you choose WEP, you need to set the shared key (10-25 numbers) and then other computers can connect with your product after inputting the network key.
4. Set the IP address of your host, making sure that the address will not conflict with IP addresses of other wireless facilities. When the mentioned above three settings are finished, press "OK" to save your setting and start testing. If the connection is successful, an interface showing network information will be displayed. Then you can check the set parameters.
5. When the setting of the Ad Hoc wireless network for the product is finished, you need to start the wireless network function of the computer which your product shall connect to. This description is for operations under WINDOWS XP system, operations under other WINDOWS operating systems are similar to this.
6. Select "My Computer" on the desktop, choose "Management" by clicking

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right key on the mouse to enter the computer management interface. Double click “Service and Application” to enter the program. Select “Service” and enter.

7. Double click “Wireless Zero Configuration” in the “Service” options to enter its window of attributes. Then select “Startup” in the routine options of the window and click “OK”, thus the wireless network function of the computer is opened.
8. If your computer is configured with an internal wireless network card (such as most of all notebook PCs) and has started the wireless network function, it can search the products' SSID and connect with the product. If your computer doesn't have an internal wireless network card (such as most of all desktops), you can insert an USB wireless network card that supports the 802.11 protocol into the computers' USB interface and install it. You should deactivate the wired network of the computer before configuring the wireless network.
9. There will be an icon representing the wireless network and showing the status bar in the bottom right corner of the computers' desktop. Click the icon and a status window of the wireless network connection will be shown. Click “Check the Wireless Network”, then the wireless network SSID within the searching scope will be shown on the interface.
10. Select the products' SSID and the computers' Ad Hoc connection icon in the window of the wireless network connection and click “Connect”. There will be a clue to indicate that the connection is successful if the wireless network Ad Hoc connection is done. Then click “Support” in the window of the wireless network connection status to see the IP address etc. from the wireless network. Do remember the computers' wireless IP address because you need to use it when the player needs to access to the computer.
11. Enter “Network” in the main page of the player, select the “MY\_SHORTCUTS” folder and enter. Press “Edit” on the remote control and choose “Add” to create a new shortcut for accessing to other computers, then input user name, password and IP address of the appointed document server. User name is GUEST or EVERYONE and

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the IP address of the appointed document server is the wireless network IP address of the computer that has built the Ad Hoc connection with the player. There can be many computers building an Ad Hoc connection with the player at the same time, input the IP address of the computer you want to access.

12. Save the setting and choose the newly created shortcut to enter. Input user name GUEST or EVERYONE and password, then you can access to the appointed IP address and get the shared content in that computer.
13. The product can play multimedia documents in the shared content. If videos are played, the network connection speed will be shown on the screen. Higher speed indicates that the network is more stable and the quality of the video will be better.

## Product specification

USB host	Supporting multiple USB storage
Network connection	RJ45 10/100M connection; WLAN (IEEE 802.11 b/g/n)
Video output	HDMI/Composite video
Audio output	HDMI/Optical/Stereo
Audio	MP3, WMA, WAV, AAC, OGG, Dolby Digital
Video	Video decoding: MPEG 1/2/4, DivX, Xvid, H.264, VC-1, RM/RMVB Format: WMV, MKV, MOV, AVI, MPG, MP4, TS/M2TS/TP/TRP, ISO, IFO, VOB, DAT, RM/RMVB, FLV
Subtitle	SSA, SMI, SRT, SUB, SUB+IDX
Picture	JPG, BMP, PNG, GIF
Power adapter	AC input: 100V-240V, 50/60Hz DC output: 12V, 2A
Dimension	168,7 x 124,2 x 33,0 mm

Weight	Ca. 340g
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Supported video, audio and picture formats:

DECODING		FORMATS	RESOLUTION
VIDEO	MPEG-1	DAT	320 x 240p
		MPG	720 x 576p
	MPEG-2	VOB	720 x 576p
		MPG	1920 x 1080p
		TS/M2TS/TP/TR	1920 x 1080p
	MPEG-4, DIVX, XVID	AVI	1920 x 1080p
		MP4	1920 x 1080p
		MKV	1920 x 1080p
	VC-1	WMV	1920 x 1080p
	H.264	AVI	1920 x 1080p
		MP4	1920 x 1080p
		MOV	1920 x 1080p
		MKV	1920 x 1080p
RM/RMVB	RM/RMVB	1920 x 1080p	
AUDIO	MP3	Supported	
	WMA	Supported	
	WAV	Supported	
	AAC	Supported	
	OGG	Supported	
	Dolby Digital	Supported	
PICTURE	JPG/JPEG	Supported	
	BMP	Supported	
	PNG	Supported	
	GIF	Supported (static display only)	

Note: Improvement in appearance and specification may be implemented without prior notice.

## FAQ

This chapter gives you information on how to solve problems that may occur with your player.

**Q: I have connected the player to my television. Why is no picture**

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**shown on my television or no sound coming from my television?**

A: This problem may have several causes. Please check the following items:

- 1) Please ensure that you have selected the correct AV source on your television set.
- 2) Please check that you have connected the correct cable for the output of the video and audio signals. Information on the correct connection of the player to your home entertainment system can be found in the "Connection of TV audio and video output" chapter in the previous *Basic Operation guide*.
- 3) Even if you have correctly connected the player, it is possible that it may be in the incorrect video output mode. To select a different mode, press the "TV-OUT" button. Wait a few seconds until the player and your television have implemented the change. Repeat this procedure until the picture is correctly displayed on your television.

**Q: My Player is connected correctly to my television. I can no longer see my media files in the browser or they are only partially listed in the browser.**

A: A special media filter is active. Only media files that correspond to the active media filter are displayed on your television.

If you select e.g. the media filter "Music ", no picture files are shown in the browser. Press the "ALL", "MUSIC", "PHOTO" or "MOVIES" button on your remote control to change the media filter. If you want to see all supported media files, please choose the media filter "All ".

a) Unsupported format.

Your Player supports a great variety of media file formats, but if you try to play a file that uses an unsupported file format, a message will be displayed. If you want to check the utilized audio and video format for a media file, you can refer to the "specification" chapter.

b) The chosen media source is not connected to the player.

If you select a media source that is not currently connected to the player, such as an USB stick, this source will be displayed as empty. As soon as a device is connected, the content appears in the respective path.

If no folders or files are displayed for a resource connected via the network,

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check the settings for your network and your network shares. Please check the user name and password, if they are required for access, and also the firewall settings of your computers.

**Q: I want to copy files onto an external data storage device with my player, but I always get an error message.**

A: To use the copy function of your player, the device (or the partition) that you want to copy the data onto, must be formatted with one of the following file systems: FAT, FAT32, NTFS, ext3.

Please use only target devices formatted with FAT, FAT32, NTFS or ext3 for copying onto.

**Q: I want to perform a firmware update for my player but my television goes blank.**

A: In some cases, the display via HDMI is not correct during a firmware update. Please make sure that your player is also connected to your television via the composite video connection during the firmware update, not only via HDMI, and select the composite video input as the active input of your television.

**Q: I want to access files with the player that I have shared in my network. My home network is working correctly, but the player does not list the files.**

A: If you do not have access to the shared files, please check the following points:

- 1) Check if the network cable is connected properly at both sides, i.e. to the player and to your network.
- 2) Make sure that the computer that you want to access is running and not in a standby or idle mode.
- 3) Check the network and file sharing settings on your computer.
- 4) Check that you have entered the correct user name and password. Please note that they are case sensitive.
- 5) Make sure that your firewall settings permit the player to access your

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computer.

6) If you want to access files that are stored on an USB data storage device which is connected to a router and thus made available as a network storage, please note that you must set up a connection to the drive using "My\_Shortcuts ". To do so, you must enter the IP address of your router as well as the user name and the password necessary to access the network storage.

**Q: How is it possible that the playback of a file from a shared folder in the network is aborted?**

A: The energy saving settings of the computer or the NAS interrupt the connection.

If the energy saving settings of your computer or your NAS are active, then they can go into an idle state or a sleep mode even though they are being accessed via the network. During sleep mode no data is transferred via the network. Please adjust the energy saving settings of the media source so that it does not go into sleep mode while you play files via the network.

**Q: Why is it possible that there are interruptions when playing movies from my local network?**

A: Sometimes, there are several devices in a network that have to share the maximum data transfer rate possible via a network connection (shared medium). If there are several connections active in the network you use the player in (e.g. to the internet, a shared printer etc.), it is possible that this lowers the data transfer rate available for the streaming of the data to the player to a level that is insufficient for the playback of e.g. a DVD file or a HD movie file. Should you experience such problems, please try to reduce the amount of data transferred by other users of your network.

**Q: While using the player, it no longer responds to my commands.**

A: This problem may have several causes. Please check the following items:  
1) Please aim the remote control in the direction of the player so that a direct visual contact between these two devices exists and ensure that the infrared

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receiver of the remote control and the player are not covered.

2) Check the battery in the remote control and, if necessary, replace it with a new one.

**Q: I have connected the player to my TV via HDMI and I want to change the video output signal, but the video output resolution I want to use is not available.**

A: This problem may have several causes. Please check the following items:

1) Your TV does not support all possible video output resolutions. Go to the settings menu of your player and select "Auto" under the menu item "TV system". Your player will try to automatically select the best possible video output resolution for your TV.

2) In some rare cases it is possible that not all options supported by the TV are selectable. This problem occurs when the TV is switched on from its standby mode, regardless of the current operating status of the player. In order to be able to select all video output resolutions supported by your TV, disconnect your player from the power supply and reconnect it after a few seconds. Now all available video output resolutions are shown in the settings menu.

**Q: Why can't I hear any sound on my television when I connect it via HDMI?**

A: An audio output format that is not supported by your television is selected. Please go to the audio settings menu and select the menu entry "Digital Audio Out" and choose the option "HDMI LPCM/RAW" if your television set does not support real surround sound.

**Q: My player does not play any sound.**

A: The volume is too low or "Mute" is active.

Please check if the volume for your player and your television or your home entertainment system are set to an adequate volume and that the sound is not switched off via the "Mute" button. Otherwise, please select the correct digital output mode in the setup menu. You can also refer to the audio

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settings menu.

**Q: Why mustn't I disconnect the player from the mains supply without having switched it off beforehand?**

A: The loading or saving of the current system settings takes approx. 10 seconds when the player is turned on or off. If the player is disconnected from the mains supply without having been switched off beforehand, settings and data may be lost. Please always switch off the player by pressing the power button on the device or on the remote control and wait until the power button on the player turns red.

**Q: Why is the power button still lit in blue even though I have switched it off?**

A: The loading or saving of the current system settings takes approx. 10 seconds. The illumination of the button changes to red only after all settings have been saved and the player has entered the standby mode. If you want to, you can then disconnect the player from the mains supply.

**Q: The language of the user interface has been changed. How do I change the language?**

A: In order to change the selected language, enter the "Settings" menu by pressing the "SETUP" button on your remote control. Select the right menu ("System") and press the "OK" button on your remote control. The available languages are displayed. Please mark the desired language and confirm your choice by pressing the "OK" button.

**Q: I have adjusted the settings of the player under "Settings" and would like to restore the factory defaults.**

A: As described in the "**Changing System Settings**" chapter, execute the menu item "Restore defaults". The player will be reset to the factory defaults. The saved files are not deleted when you do this.

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# Maintenance notice & additional information

To protect the normal use of all accessories, please kindly make sure you understand and pay attention to the following points.

- Power input AC100~240V, output DC 12V/2A
- Under normal working status, the power adapter will keep warming, but a body temperature of 60 degrees Celsius or under is normal.
- Please be sure of aeration under normal working status, do not place the device in a bed, sofa or similar area where the cooling efficiency is not good.
- Please do not try to open the player personally to avoid the danger of an electric shock. In case you need service/repair, please contact your dealer to ask him about the procedure.
- Please pull out the cable and shut down the device immediately when a cable is broken or liquid has entered the product. Contact your dealer about repair possibilities.
- We advise to use the product in an environment of room temperature, the vales shall not fall below or exceed temperatures of 0~40 degrees Celsius.

Illustrations may vary from the real product. Product may be subject to change without prior notice in order to enhance or improve the product.

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