

Table of Contents

1. Introduction.....	3
1.1 Preface.....	3
1.2 Packing List.....	4
1.3 Caution.....	5
1.4 Connection.....	7
1.5 First Time Usage.....	11
2. About the Player.....	12
2.1 Remote Control.....	12
2.2 Front Panel.....	15
2.3 Rear Panel.....	16
3. Getting Started.....	16
3.1 Selecting Video In – Live TV, Recording and Time Shift.....	17
3.2 Selecting Playback – Playback and Edit Recorded Titles.....	17
3.3 Selecting Browser – Playback Multimedia Files.....	17
3.4 Selecting Setup.....	17
3.5 Selecting Playlist – Music Playlist.....	17
4. The Title List Menu for Recorded Videos.....	18
4.1 Title List Menu.....	18
4.2 Playing Back Titles.....	19
4.3 Deleting Titles.....	19
4.4 Renaming Titles.....	20
4.5 Sorting Files.....	20
4.6 Title Edit Menu.....	21
4.7 Tools.....	25
4.8 Saving Your Recorded Titles.....	25
5. Timer Record Menu.....	25
5.1 Create a New Schedule.....	25
5.2 Editing Schedule.....	27
5.3 Deleting Schedules.....	27
5.4 Viewing Schedule Status.....	28
5.5 Viewing Recording History.....	28

6. Setup Menu.....	29
6.1 Changing Language Settings.....	29
6.2 Changing Audio Settings.....	30
6.3 Changing Video Settings.....	31
6.4 Changing Record Settings.....	33
6.5 Changing Network Settings.....	34
6.6 Changing System Settings.....	35
6.7 Miscellaneous.....	36
7. Browser Menu.....	36
7.1 Browsing All.....	37
7.2 Browsing Music.....	37
7.3 Browsing Photos.....	38
7.4 Browsing Movies.....	39
7.5 Browsing via Network.....	40
8. Playlist Menu.....	44
9. File Copy Menu.....	44
10. NAS Function.....	47
11. Firmware Installation and Upgrade.....	48
11.1 Firmware Installation.....	48
11.2 Firmware Upgrade.....	49
12. Appendixes.....	52
12.1 Specifications.....	52
12.2 Frequently Asked Questions.....	54
12.3 Copyrights and Trademarks.....	58
12.4 Warranty.....	58

1. Introduction

1.1 Preface

Dear Customer,

Thank you very much for purchasing the Movie Cube-R700. In the digital era, this product is a great home entertainment partner. With the outstanding brushed aluminum design, you can enjoy movies and music, view photos of precious moments, and record your favorite TV or movie program and view them in your own time. The editing function provides you with an easy way to save these. 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:

- Video Recording - supports one button recording and schedule recording in MPG format, can easily record programs from TV, DVD player and DV, and save as MPEG-2 (.mpg) format; also can edit the recorded titles;
- Time shifting function;
- Movie Playback - supports VOB (DVD), IFO (DVD), MPG (MPEG-2/1), AVI (MPEG-4 ASP: XviD), DAT (VCD), and MPEG-2 TS files; resolution up to 1080i;
- Music Playback - supports MP3, OGG, and WMA* files;
- supports one button playlist music playback;
- Photo Playback - supports digital camera JPEG, and BMP files;
- Data Storage - works as a portable hard disk using USB 2.0 port;
- Network Function - Ethernet & WLAN streaming playback and NAS function (Wireless function supported by the optional Wireless LAN USB Adapter);
- HDMI - High-Definition Multimedia Interface transmits the highest quality digital video and audio via a single cable, simplifies cabling and provides high quality home theater experience.

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 Movie Cube-R700.

1.2 Packing List

For Worldwide (except USA):

Part	Quantity
Player	1
Cradle	1
A/V IN cable	1
A/V OUT cable	1
Y/Pb/Pr OUT cable	1
SCART cable	1
USB cable	1
Remote Control	1
Remote Control Battery	2
AC/DC adaptor	1
AC/DC adaptor Power Cord	1
User Manual	1
Quick Installation Guide	1
CD (with manuals)	1
Technical support card	1
Wireless LAN USB Adapter	1 (optional)

Note:

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

For USA:

Part	Quantity
Player	1
Cradle	1
A/V IN cable	1
A/V OUT cable	1
Y/Pb/Pr OUT cable	1
HDMI cable	1
USB cable	1
Remote Control	1
Remote Control Battery	2
AC/DC adaptor	1

AC/DC adaptor Power Cord	1
User Manual	1
Quick Installation Guide	1
CD (with manuals)	1
Technical support card	1
Wireless LAN USB Adapter	1 (optional)

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°C~ +35°C.

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

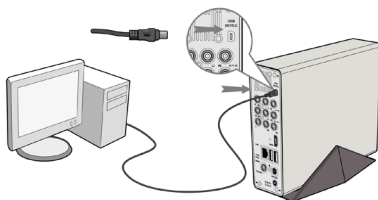
the player, any damage done will not be included in the repair policy.

- 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

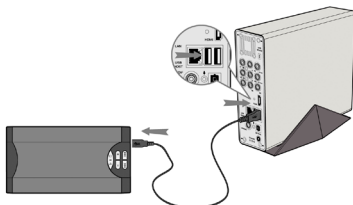
1.4.1 Connect to Computer

- (1) Make sure the player is powered on;
- (2) Plug in the mini connector of the USB cable to this player's USB DEVICE port;
- (3) Plug in the big connector of the USB cable to Computer.



1.4.2 USB Mass Storage Device (like U disk, MP3, USB HDD etc.) Connection

- (1) Make sure the player is powered on;
- (2) Plug in the U disk or USB HDD etc. to one of the USB host ports of this player.

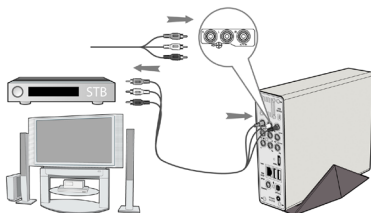


1.4.3 TV connection

1. A/V IN

- (1) Follow the picture and plug in the 3 color connector to the player's A/V IN jack;
- (2) Follow the picture and plug in the 3 color connector to the A/V OUT jack of the TV/IPTV Set-Top Box (STB).

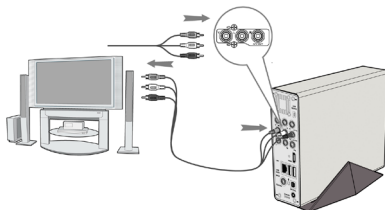
In this way, you can record TV programs from the TV/IPTV Set-Top Box.



2. 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.



3. Y/Pb/Pr Component OUT

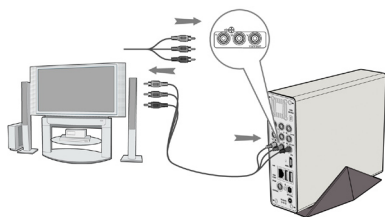
- (1) Follow the picture and plug in the 3 color connector to the player's Y/Pb/Pr jack;
- (2) Follow the picture and plug in the 3 color connector to the TV's Y/Pb/Pr jack.

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

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

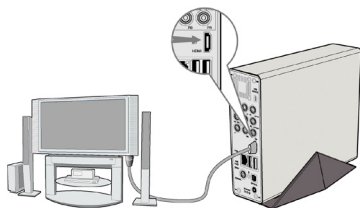
Second method: use the audio output from the S/PDIF Coaxial or Optical jack.

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



4. HDMI OUT

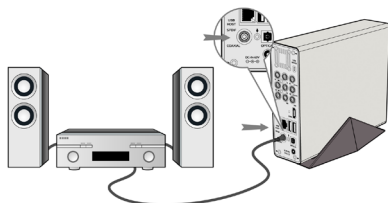
- (1) Follow the picture and plug one connector on your HDMI cable to the player's HDMI jack;
- (2) Follow the picture and plug the other connector on your HDMI cable to the TV's HDMI jack.



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

1.4.4 Digital Audio Device connection

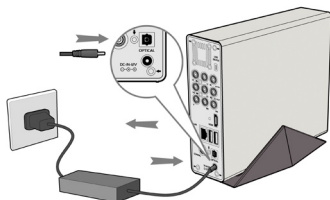
- (1) Follow the picture and plug in the RCA connector on your coaxial cable to the player's S/PDIF Coaxial jack. Or if you use optical fiber, please plug in the Toslink connector on your optical fiber to the player's S/PDIF Optical jack;(not supplied)
- (2) Follow the picture and plug in the other connector on your coaxial cable or optical fiber to the digital audio device.(not supplied)



1.4.5 Power connection

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

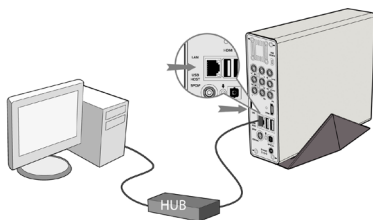
(2) Follow the picture and plug in the AC adaptor to the power outlet.



1.4.6 Ethernet connection

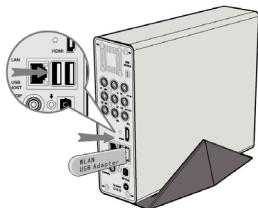
To connect to a LAN (Local Area Network) you require a cat5, cat5e or cat6 network cable (not supplied).

- (1) Connect one of the crystal plugs on the cable to the player's RJ45 LAN socket;
- (2) Connect the other crystal plug on the cable to a RJ45 LAN port on your router, switch, or hub devices.



1.4.7 WLAN connection

- (1) Make sure the player is powered on;
- (2) Plug the Wireless LAN USB Adapter (i.e. Wi-Fi USB Dongle) to the USB HOST port of the player.



1.5 First Time Usage

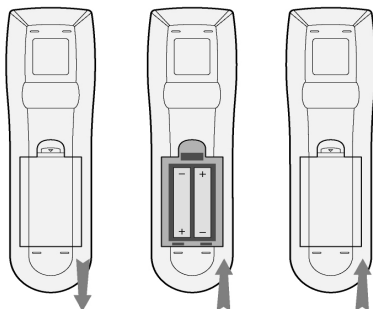
1.5.1 Firmware Installation

For users who bought the player without a HDD inside, and want to install a SATA HDD, please see 11.1 Firmware Installation for details.

1.5.2 Remote Control

First time usage of Remote control

Install the batteries before using the remote control, installation steps are as the picture shows:



1.5.3 Power on/off, language control

1. Power on

After connecting the power supply cord, the player will soon enter standby mode, and the red STANDBY indicator on the front panel will turn on. Then press the STANDBY button on the front panel or remote control to wake up the system, wait for a couple of seconds to enter the system and the blue ON indicator on the front panel will turn on.

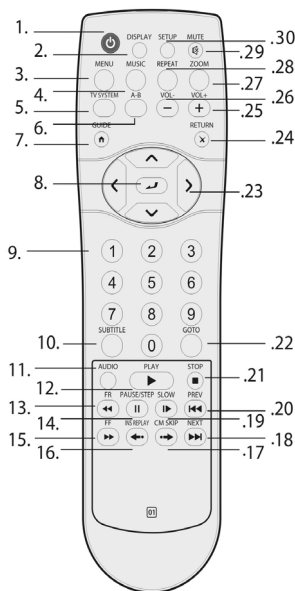
2. About the Player













2.1 Remote Control
















All procedures in this manual can be carried out using the remote control buttons. Certain functions can also be carried out using the front panel.






See the following for details on each button and its function:

- | | |
|------------------------|----------------|
| 1. STANDBY | 2. DISPLAY |
| 3. MENU | 4. MUSIC |
| 5. TV SYSTEM | 6. A-B |
| 7. GUIDE | 8. ENTER |
| 9. Numeric buttons | 10. SUBTITLE |
| 11. AUDIO | 12. PLAY |
| 13. FR | 14. PAUSE/STEP |
| 15. FF | 16. INS REPLAY |
| 17. CM SKIP | 18. NEXT |
| 19. SLOW | 20. PREV |
| 21. STOP | 22. GOTO |
| 23. Navigation buttons | 24. RETURN |
| 25. VOL+ | 26. VOL- |
| 27. ZOOM | 28. REPEAT |
| 29. MUTE | 30. SETUP |



No.	Button	Function
1		STANDBY button: Press to enter standby mode or wake up.
2		DISPLAY button: Press during playback and an onscreen display appears, showing track number and time elapsed/remaining.
3		MENU button: Press to activate tools menu. <ul style="list-style-type: none"> • Press during video playback to set bookmark in the popup menu. • Press in the Browser Menu to rename and delete files, or add music to playlists. • Press in My_Shortcuts in NET of the Browser Menu to add shortcuts for network access.
4		MUSIC button: Press the button to start playback music in the first nonempty playlist. Press the button again to switch to the next playlist and playback music.
5		TV SYSTEM button: Press to switch between NTSC, PAL, 480P, 576P, 720P, and 1080i.
6		A-B button: Press to set the beginning and end points of a section to repeat.
7		GUIDE button: Press to view the Guide menu.
8		ENTER button: Press to select options in menus.
9		Numeric buttons: Press to enter numeric input when changing settings.
10		SUBTITLE button: Press to set subtitle options.
11		AUDIO button: Press to select an audio track.
12		PLAY button: Press to begin playback.

13		FAST REWIND button: Press to fast rewind the current playback. Press repeatedly to select speeds.
14		PAUSE / STEP button: Press to pause current playback. Press again to step to the next frame. Press  to resume playback.
15		FAST FORWARD button: Press to fast forward the current playback. Press repeatedly to select speeds.
16		INSTANT REPLAY button. Press to backward 10 seconds of the current playback, which suitable for sport program.
17		CM SKIP button: Press to advance 30 seconds when in playback mode.
18		NEXT button: Press to go the next chapter on a title.
19		SLOW MOTION button: Press to play back in slow motion. Three motion settings are available. Press  to resume regular playback.
20		PREVIOUS button: Press to go the previous chapter on a title.
21		STOP button: Press to stop playback.
22		GOTO button: Press to jump to a specific point on a title. Specify the point using Title, Chapter and Time.
23		Navigational buttons: Press the arrow buttons to select menu options.
24		RETURN button: Press to return to the previous screen when navigating menus.
25		VOL+ button: Press to increase the volume.

26		VOL- button: Press to decrease the volume.
27		ZOOM button: Press to zoom in/out the image (photo or video).
28		REPEAT 1/ALL button: Press to set repeat options.
29		MUTE button: Press to mute audio output, and press again to resume.
30		SETUP button: Press to access the Setup menu directly

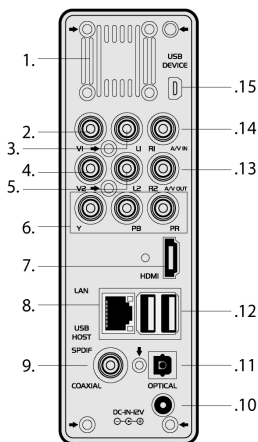
2.2 Front Panel

No	Name	Function
1	Infrared receiver window	Receiving IR signals from the remote control.
2	STANDBY indicator	Indicator (red) turns on when the system is in standby mode.
3	ON indicator	Indicator (blue) turns on when the system is alive.
4	MUSIC indicator	Indicator (blue) turns on during music playback.
5	REC indicator	Indicator (red) turns on when recording starts.
6	STANDBY button	Press to enter standby mode or wake up.




2.3 Rear Panel

1. Air Flow hole
2. V1: Video IN jack
3. L1: Audio IN jack (Left Channel)
4. V2: Video OUT jack
5. L2: Audio OUT jack (Left Channel)
6. Y/Pb/Pr OUT jack (Components Video)
7. HDMI jack
8. RJ45 LAN socket
9. S/PDIF Coaxial jack
10. DC IN jack
11. S/PDIF Optical jack
12. USB HOST port x 2
13. R2: Audio OUT jack (Right Channel)
14. R1: Audio IN jack (Right Channel)
15. USB SLAVE port (MINI B)



3. Getting Started

Power on the system, and after a few seconds, the system will enter a guide menu. To return to this menu, press  on the remote control too.



3.1 Selecting Video In – Live TV, Recording and Time Shift


To pre-view the video to be recorded, or have time shift function (See **TIME SHIFT** button in **2.1 Remote Control** for more details).

To select an input source, press  on the remote control or select **Video In** button on the guide menu page.

3.2 Selecting Playback – Playback and Edit Recorded Titles


A clip recorded in HDD or USB device is called a Title.

Playback the recorded video, you can also Merge/Split/Delete/Edit all the recorded video titles.


Press  on the remote control or select Playback button on the guide menu page to access Title List.

3.3 Selecting Browser – Playback Multimedia Files

You can browse all the multimedia (Videos/ Music/Photos) files on the internal HDD/USB/Card/ or Network and playback them on TV.

Press  on the remote control or select Browser button on the guide menu page to browser movie, photo, and music files stored either on a HDD, USB device, Memory Card, or Network.


3.4 Selecting Setup

To enter the setup menu, select  on the remote control or select Setup button on the guide menu page.

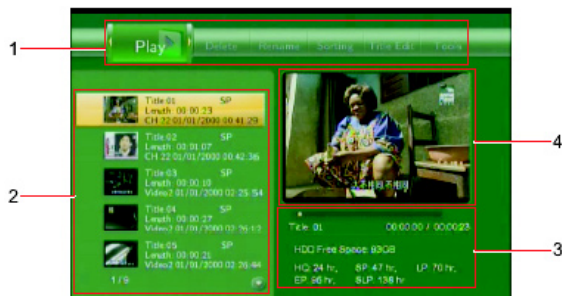
3.5 Selecting Playlist – Music Playlist



To enter the music playlist menu, select Playlist button on the guide menu page.

4. Title List Menu for Recorded Videos

The Title List menu allows you to play and edit all saved titles. To enter the menu, press  to enter Title List. To select Playback from the Guide menu will enter the Title List also.

4.1 Title List Menu









Number	Function	Description
1	Menu Bar	Press  or  to scroll through the menu. Here you can Play / Delete / Rename / Sort / Edit a recorded title.
2	Title Lists	Here lists all recorded titles. Here you can see thumbnail / length / quality / recorded channel / recorded date & time of a title. A ★ sign shows this recorded title has not been watched. A ● sign shows this title is been recording now.
3	Information	Here you can see a playback progress bar of a title, the remained free space of HDD, and remained recording time of each quality.

4	Preview	Shows the preview window.
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4.2 Playing Back Titles

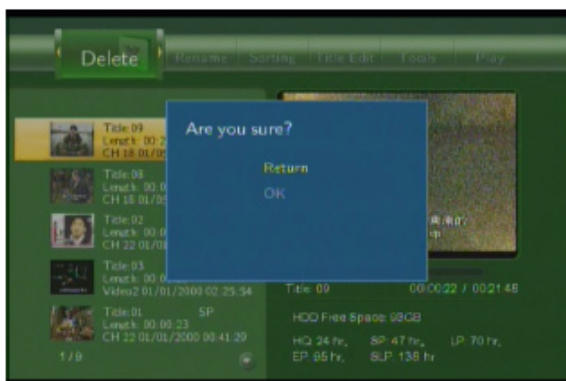
To play a recorded title, do the following:

1. Press  and  on the remote control to select the Play tab from the menu bar.
2. Press  and  on the remote control to select the title you wish to play.
3. Press  on the remote control or the ENTER (Play) button on the front panel to play the file.
4. Press  on the remote control or the CANCEL (Stop) button on the front panel to stop playback and return to the Title List menu screen.

4.3 Deleting Titles






To delete a title, do the following:

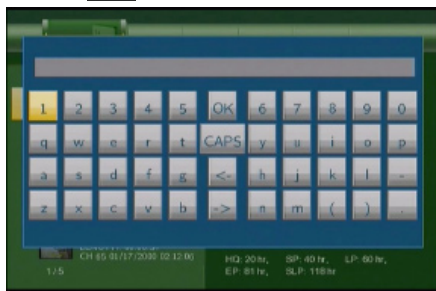
1. Press  and  on the remote control to select the Delete tab from the menu bar.
2. Press  and  on the remote control to select the title you wish to delete.
3. Press  to confirm and delete the file.
4. A confirmation message appears. Press  or  and select OK.
5. Press  to delete the selected file. To cancel delete, select Return.





4.4 Renaming Titles


To rename a title, do the following:

1. Press  and  on the remote control to select the Rename tab from the menu bar.
2. Press  and  on the remote control to select the file you wish to rename.
3. Press  on the remote control. The name entry screen appears.






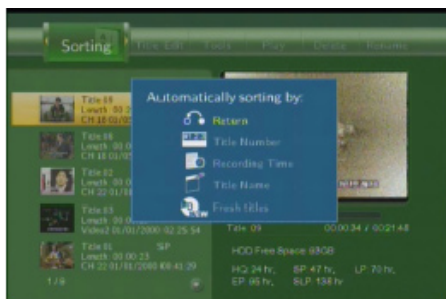
4. Use the navigation arrows to select letters and numbers. Select CAPS to toggle between uppercase and lowercase letters. Press <- to delete a letter. Press -> to insert a space. Press  to input each letter or number.






5. Once you have entered the new name, select OK and press  to confirm all changes.

If you want to cancel the naming during the process, press .



4.5 Sorting Files


Press  and  on the remote control to select the Sorting tab from the menu bar. Press , and the menu appears.

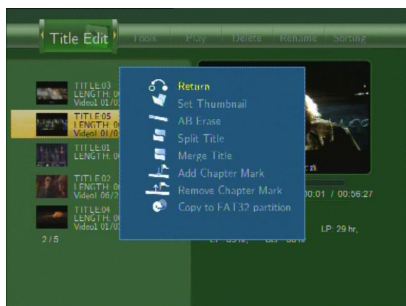











	Return	Select to return to the main screen.
	Title Number	Select to sort all files according to title numbers.
	Recording Time	Select to sort all files according to the length of the recordings
	Title Name	Select to sort all files alphabetically, according to title name.
	Fresh Titles	Select to sort all files according to freshness (i.e. the most recent recordings), listing the most recent recording first.


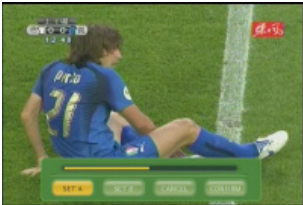








4.6 Title Edit Menu

Press  and  on the remote control to select the Title Edit tab from the menu bar.

Press , and the menu appears.






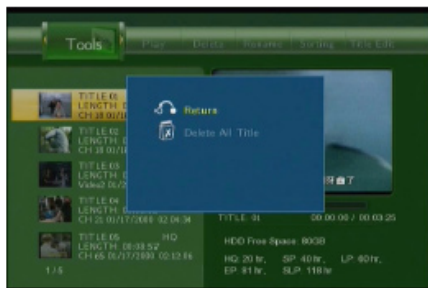
	Return	Select to return to the main screen.
	Set Thumbnail	<p>Select to change a thumbnail of the selected video.</p> <p>Press  or  on the remote control to select Set Thumbnail, an editing screen appears. You can press  or  to fast forward or fast rewind when searching a proper point. When you reach the point at which you wish to insert a thumbnail, press  or  to select CONFIRM and press .</p> 



	AB Erase	<p>Delete a specified clip in a title.</p>  <p>Select SET A and press  to mark the start for the section to be deleted. Select SET B and press  to mark the end of the section to be deleted. Select CONFIRM and press  to delete the section.</p>
	Split Title	<p>Select a title and divide them into sections.</p> <p>When you reach the point at which you wish to split the track, press  to confirm.</p> 
	Merge Title	<p>Select more than two titles and combine them into one title. A confirmation message appears. Select CONFIRM to merge the files.</p> 

	Add Chapter Mark	<p>Add a chapter mark to the selected file.</p> <p>A chapter mark is a marker inserted into the title. You can jump between marked sections by pressing  or  on the remote control.</p> <p>An editing screen appears. When you reach the point at which you wish to add the mark, press  to confirm.</p> 
	Remove Chapter Mark	<p>Remove a chapter mark that you have inserted. An editing screen appears. Use the left and right navigation arrows to select the mark you wish to remove and press  to delete.</p> 
	Copy to FAT32 partition	<p>Copy function.</p> <p>In the Title List Menu, press  or  on the remote control to select which title you want to copy from UDF partition to FAT32 partition.</p>

4.7 Tools

Press  and  on the remote control to select the Title Edit tab from the menu bar. Press  and the menu appears.




	Return	Select to return to the main screen.
	Delete All Title	Select to delete all titles.



4.8 Saving Your Recorded Titles

All the recorded titles are stored temporarily in a recording disc partition (UDF format) which cannot be identified by personal computers. If you want to share the recorded titles on your computer, please copy the titles from the recording disc to the multimedia disc which is in FAT32 format first. See **Copy to FAT32 partition in 4.6 Title Edit Menu** for more details.

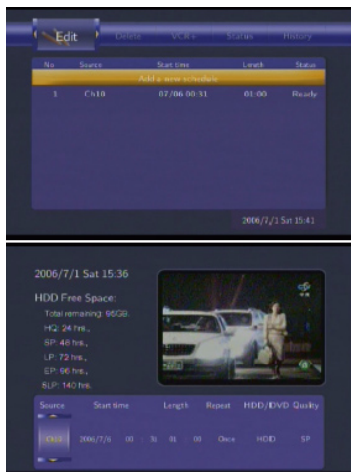
5. Timer Record Menu





The **Timer Record** menu allows you to create, edit and delete recording schedules and view all schedule status and history. Press  on the remote control to enter the menu.

5.1 Create a New Schedule

Press  and  on the remote control to select the **Edit** tab from the menu bar.

Select **Add a New Schedule** and press . The schedule setting screen appears.





Use  and  on the remote control to move between fields and Press  and  to adjust each setting.


Start Time	Enter the date and time of the recording.
Length	Enter the length of the recording
Repeat	Select how often you want the schedule to record. Choose from Once, Everyday, Mon-Fri, Mon-Sat or for an individual day of the week.
Quality	Select the recording quality. Choose from HQ, SLP, EP, LP and SP. The higher the quality, the more space required on the hard drive. See HDD Free Space on the left of the screen for details of how long you can record for using each setting.

Preview	This small preview window will show the current program of the select channel.
----------------	--



5.2 Editing Schedule


Press  and  on the remote control to select the Edit tab from the menu bar.

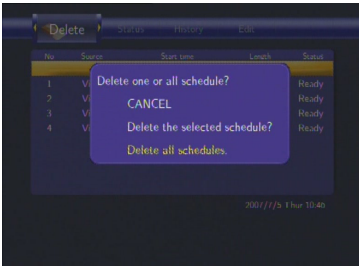



Select the schedule you want to edit from the list and press . The schedule setting screen appears. Modify the schedule as described in 5.1 Creating a New Schedule.

5.3 Deleting Schedules




Press  and  on the remote control to select the Delete tab from the menu bar.

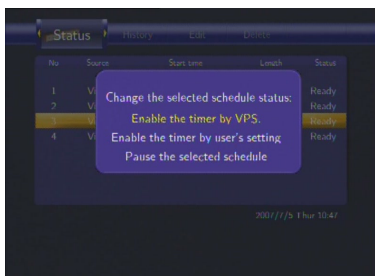
Select the schedule you want to delete and press . A confirmation message appears.




Select **CANCEL**, **Delete the selected schedule** or **Delete all schedules**. Press  to confirm.



5.4 Viewing Schedule Status

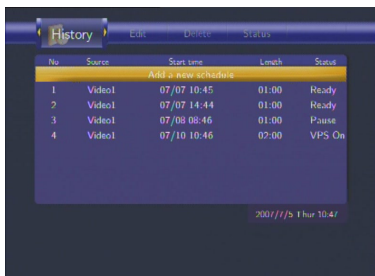
Press  and  on the remote control to select the **Status** tab from the menu bar. The schedule list is displayed. Select a schedule and press .



Select Enable VPS, Disable VPS or Pause the selected schedule. Press  to confirm.

5.5 Viewing Recording History

Press  and  on the remote control to select the History tab from the menu bar. Here you can view a complete history of all recordings that were set.



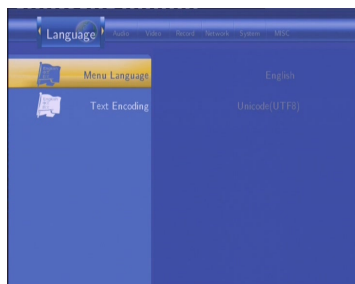
6. Setup Menu

The Setup Menu allows you to configure language, audio, video, record, network and system settings. To enter the menu, select Setup from the Guide menu or select



on the remote control.



6.1 Changing Language Settings

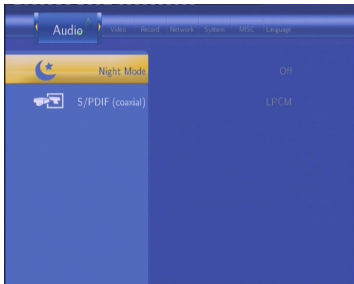


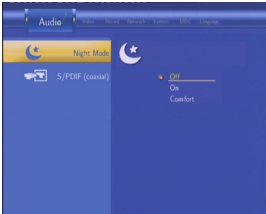



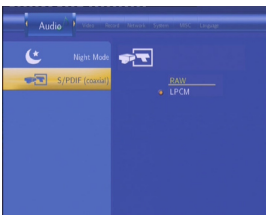



Press and on the remote control to select the Language tab from the menu bar.

<p>Menu Language</p>		<p>Select to choose the OSD (On Screen Display) language.</p> <p>Press and to select the language. Press to confirm.</p>
<p>Text Encoding</p>		<p>Select to set text encoding.</p> <p>Press and to select from Unicode, Chinese GBK and BIG5. Press to confirm.</p>



6.2 Changing Audio Settings

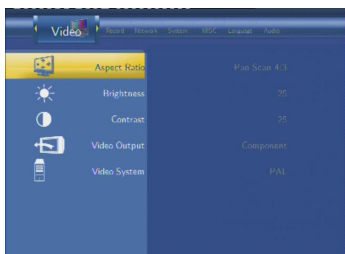
Press  and  on the remote control to select the Audio tab from the menu bar.



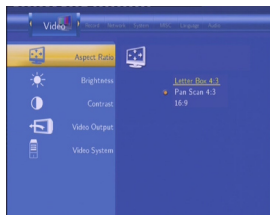
Night Mode	 A screenshot of the 'Night Mode' settings menu. The 'Night Mode' option is selected, and its settings are shown on the right: 'Off'. The 'Off' option is currently selected, and its settings are shown on the right: 'Off'.	<p>Select to set night mode.</p> <p>Press  and  to select from Off, On, and Comfort. Press  to confirm.</p>
S/PDIF	 A screenshot of the 'S/PDIF (coaxial)' settings menu. The 'S/PDIF (coaxial)' option is selected, and its settings are shown on the right: 'RAW'. The 'RAW' option is currently selected, and its settings are shown on the right: 'LPCM'.	<p>Select to set S/PDIF mode.</p> <p>Press  and  to select from Raw, and LPCM. Press  to confirm.</p>

6.3 Changing Video Settings




Press  and  on the remote control to select the Video tab from the menu bar.



Aspect Ratio



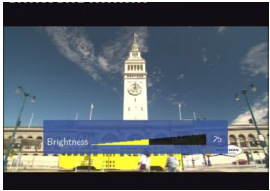



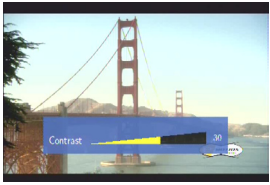







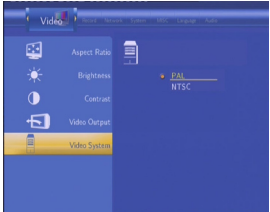



Select to set aspect ratio.

Press  and  to select from Pan Scan 4:3, Letter Box 4:3, or 16:9. Press  to confirm.



Pan Scan 4:3: Display a wide picture on the entire screen and cuts off the redundant portions. Select when a standard 4:3 TV is connected.

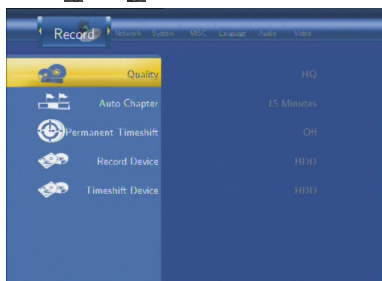
Letter Box 4:3: Display a wide picture with two black borders on the top and bottom of 4:3 screen. Select when a standard 4:3 TV is connected.







16:9: Compress the image to convert the whole image. Select when a 16:9 TV is connected.





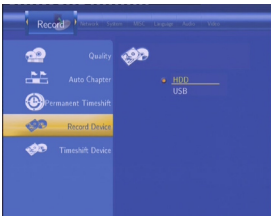







<p>Brightness</p>		<p>Select to set brightness levels.</p> <p>Press  and  to adjust brightness. The new setting is previewed onscreen. Press  to confirm.</p>
<p>Contrast</p>		<p>Select to set contrast levels.</p> <p>Press  and  to adjust contrast. The new setting is previewed onscreen. Press  to confirm.</p>
<p>Video Output</p>		<p>Select to adjust video output type.</p> <p>Press  and  to set the video output type, depending on your viewing preferences. Press  to confirm.</p>
<p>Video System</p>		<p>Select to adjust TV system.</p> <p>Press  and  to set the TV system, depending on your viewing preferences. Press  to confirm.</p>

6.4 Changing Record Settings



Press  and  on the remote control to select the Record tab from the menu bar.

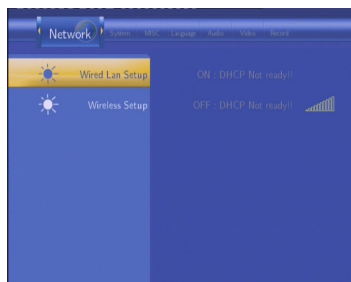


<p>Quality</p>		<p>Select to set the default recording quality setting.</p> <p>Press  and  to select the quality setting you require.</p> <p>The highest quality setting is HQ which requires the most storage space. The other settings reduce recording quality sequentially but also require less storage space.</p> <p>Press  to confirm.</p>
<p>Auto Chapter</p>		<p>Select to add chapter marks automatically at set intervals.</p> <p>Press  and  to select the interval you require. An automatic chapter mark will be added at each interval, allowing you browse titles easily after recording.</p> <p>Press  to confirm.</p>

Permanent Timeshift		<p>Select to set Time Shift mode.</p> <p>Press  and  to select from On and Off. Press  to confirm. If On, the Time Shift function will be activate permanently.</p>
Record Device		<p>Select to set device to restore the recorded files.</p> <p>Press  and  to select from HDD and USB. Press  to confirm.</p>
Timeshift Device		<p>Select to set Time Shift device.</p> <p>Press  and  to select from HDD, USB, and Auto. Press  to confirm.</p>



6.5 Changing Network Settings

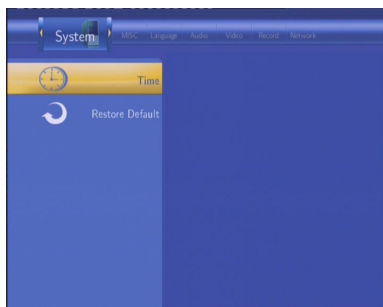
Press  and  on the remote control to select the Network tab from the menu bar.


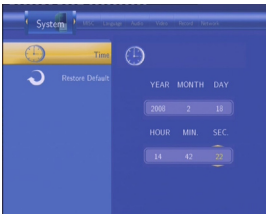





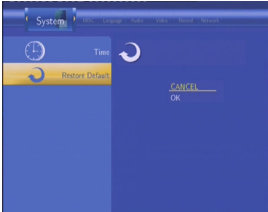
Please refer to the user's guide to wireless function in the package of EMTEC Wi200 USB adapter for more details about these settings.

6.6 Changing System Settings



Press  and  on the remote control to select the System tab from the menu.

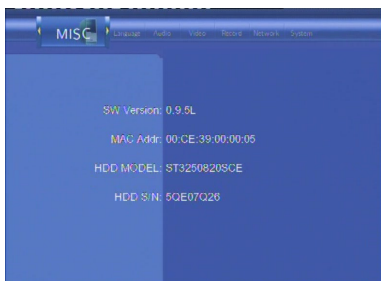


Time		<p>Select to set the system time.</p> <p>Press  and enter Manual setup.</p>
		<p>Enter the system menu and press  and  to select each field and the up and down navigation arrows to adjust each setting.</p> <p>Press  to confirm.</p>

Restore Default		<p>Select to restore factory defaults.</p> <p>A confirmation message appears. Select OK and press Enter to restore all settings to defaults.</p>
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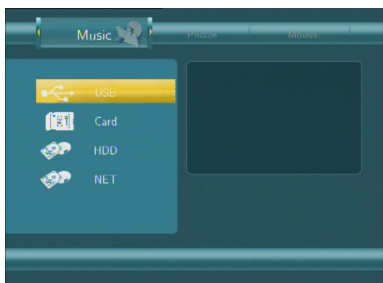
6.7 Miscellaneous

Press  and  on the remote control to select the MISC tab from the menu.



7. Browser Menu

The Browser menu allows you to browse and play music, photo and movie files stored on a HDD, an external USB device, Memory Card, and Network. To enter the menu, select Browser from the Guide menu.



Press and to select the device on which the media is stored. Choose from HDD, USB, CARD, NET and press .

When data on HDD, USB device and Memory Card is connected or connect the system to Network, you can also browse photos, listen to music, and watch movies.



7.1 Browsing All

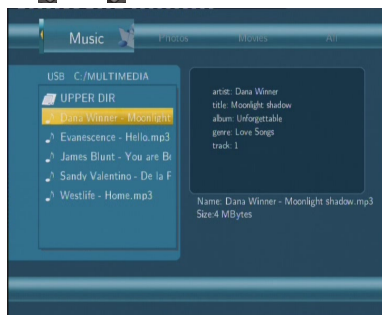
Use and on the remote control to select the All tab.





All directories and supported contents will be displayed. Press and to select the directory or file you wish to browse, and press to confirm.

7.2 Browsing Music


Use  and  on the remote control to select the Music tab.

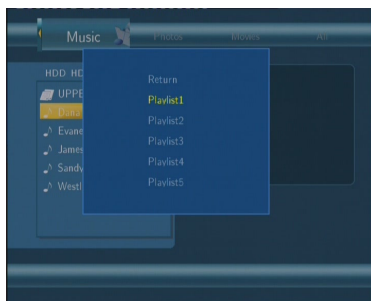
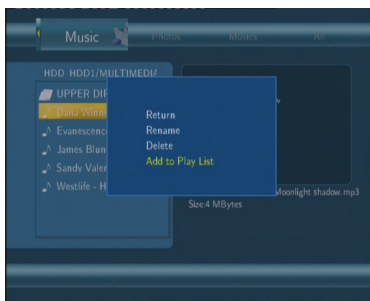


Press  and  to select the folder that contains your audio files.


A thumbnail strip appears at the bottom of the screen, along with song information.

Press  and  to select the file you want to play and press .



Press  and a tools menu appears which enables you to add the current music to the playlists.






7.3 Browsing Photos

Use  and  on the remote control to select the Photos tab.



Press  and  to select the folder containing your photo files. A thumbnail strip appears at the bottom of the screen, along with a preview of the selected photo.

Press  and  to select the photo you want to view and press . The photo will be displayed full screen.

Note:



- 1. When the photo is displayed in full screen mode, the slide show starts automatically.**
- 2. While listening to music files, you can browse the photos at the same time.**




While browsing a photo, you can press  or  to rotate a photo in any angle. Besides rotating a photo, you can press  to zoom in/out that photo. Three zoom levels are available.

7.4 Browsing Movies


Use the left and right navigation arrows to select the Movies tab.



Press  and  to select the folder that contains your movie files. A thumbnail strip appears at the bottom of the screen, and a preview of the selected movie will be played.

Press  and  to select the movie you want to view and press . The movie will be played in full screen mode.

This browsing movies function supports DAT, VOB, IFO, MPG, AVI, and TS file formats.

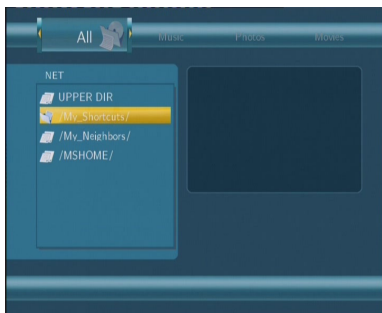
While browsing a movie in full screen mode, you can press  to zoom in/out the image. Four zoom levels are available.

7.5 Browsing via Network


You can streaming playback the multimedia files shared on the local area network (Ethernet or WLAN).

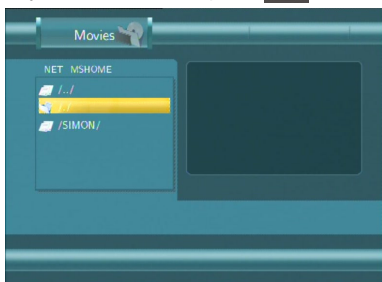
Before viewing the following, please make sure that you have read **4.4 Changing Network Settings** and made the right settings.

When selecting NET in the Browser menu, there are two ways to locate the multimedia files shared on your local network. One way is to browse through workgroup; the other way is to browse through 'My_Shortcuts'.



7.5.1 Browsing through Workgroup

You can choose the workgroup which your PC belongs to from the workgroup list, find your PC name, and press  to confirm.




Then select the shared multimedia file that you want to browse.

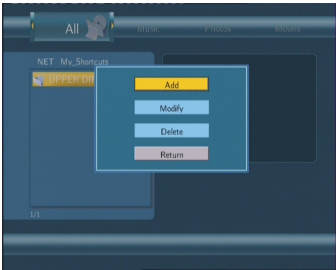


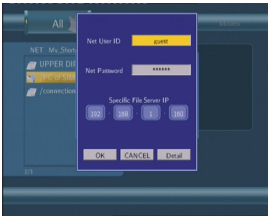
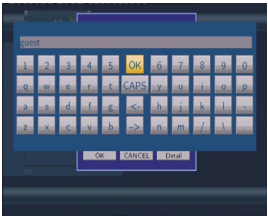

Note: Due to different network conditions, sometimes the workgroup might not be accessed or shown in the list. And then you need to use ‘My Shortcuts’ to browse shared files.

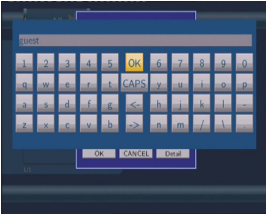
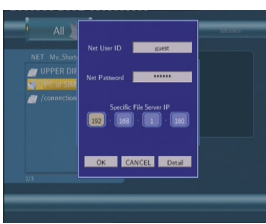
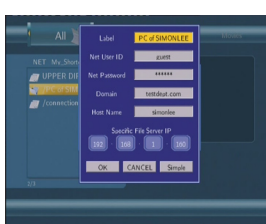

7.5.2 Browsing through ‘My Shortcuts’

You can also set ‘Specific File Server IP’ and access it from ‘My Shortcuts’ in the menu.

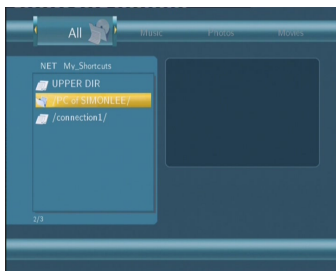
Press  and a tools menu appears.



		<p>Select to set Net User ID, Net Password, and Specific File Server IP, which enables to browse files on NET through ‘My_Shortcuts’.</p>
<p>Network Browser</p>		<p>Select Net User ID and the entry screen will appear.</p> <p>Use the navigation arrows to select letters and numbers. Select CAPS to toggle between uppercase and lowercase letters. Press <- to delete a letter. Press -> to insert a space. Press  to input each letter or number.</p>

		<p>Select Net Password and the entry screen will appear. See above.</p>
<p>Network Browser</p>		<p>Select Specific File Server IP, and use Navigational and Numeric buttons to enter IP address.</p>
		<p>You can also select Detail to set the Label, Domain, and Host Name of the shortcut. Then select OK and press  to confirm.</p>

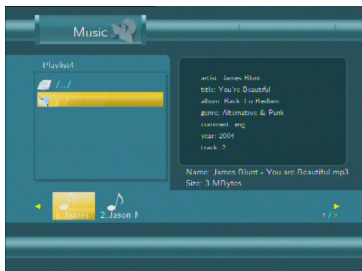
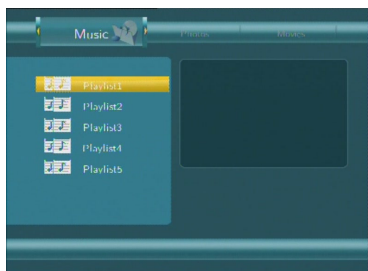
Select the shortcut you added and press  to confirm.




Then select the shared multimedia file that you want to browse.

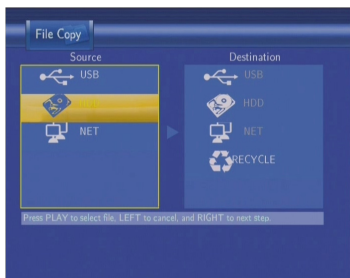
8. Playlist Menu

The Playlist menu allows you to browse and play your favorite music in the playlists. To enter the menu, select Playlist from the Guide menu. There are up to 5 playlists.

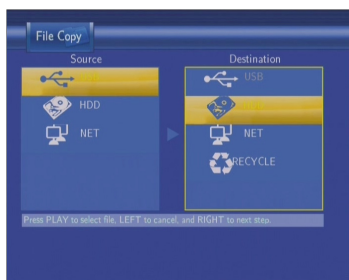






9. File Copy Menu

Press  on the remote control to enter the File Copy menu, which allows you to copy files between HDD and USB devices.

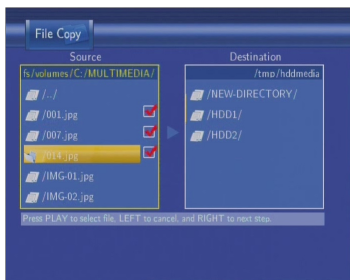


Step 1: Select the source device and destination device.



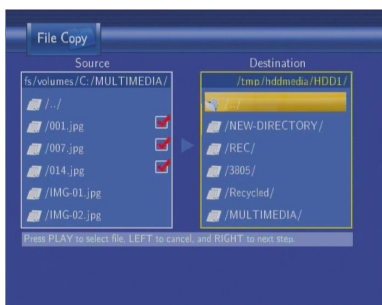
Press  and  to select device. Press  to cancel, and  for next step.





Step 2: Select the source files you want to copy.



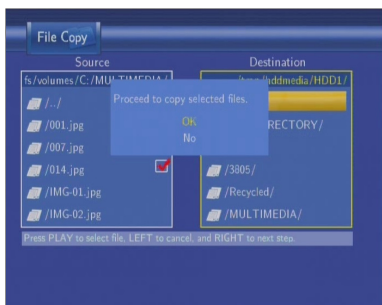
Press  to select files,  to cancel, and  to next step.




Step 3: Select the destination folder to store the above files.

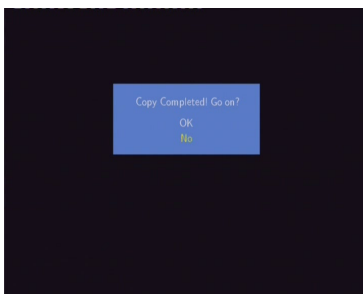
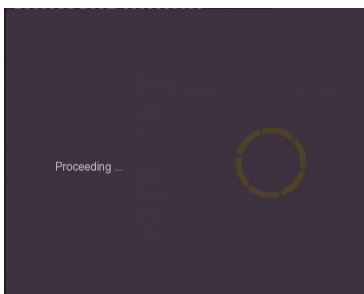


Press  and  to select folder. Press  to cancel, and  for next step.

Step 4: Proceed to copy selected files.



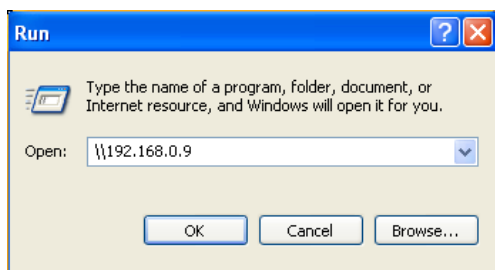
Press  and  to select OK, press  to confirm. And the copy will start.



10. NAS Function

This player can be used as a NAS (Network-Attached Storage) device. It can be attached to the home network via either Ethernet or WLAN. This feature allows homes to store and retrieve large amounts of data more affordably than ever before.

When the network connection is done correctly and ready for use, type: \\NAS or \\IP Address in the Run window (click Run in the start menu) or the address bar of Internet Explorer on your PC (For example, if the IP address of the player is 192.168.0.9, please type: \\192.168.0.9 or \\NAS), and click OK or press the Enter button on the keyboard.



Then you can view, and edit the files stored on the hard disk installed on the player. In this way, you can also playback and copy files via network between your PC and the player.

Note: Partitions of NTFS file system format on the hard disc drive will be read-only.

11. Firmware Installation and Update

The firmware is the operating system (OS) installed on the device.

11.1 Firmware Installation

If it is the first time that you are installing a SATA HDD (no matter it is a new one or an old one) into the player, please make sure you have read the following steps in advance.

Step 1: Backup Data

Please backup the data in the HDD before installing it into the player. The following steps will format the hard disc, which will erase all data currently stored on the hard disc.

Step 2: Install the HDD

Follow the HDD Installation Guide, and install the HDD into the player.

Step 3: Prepare the USB Pen Drive

You will need a USB Pen Drive for firmware installation. Copy the 6 files from the firmware folder to the root directory of your USB Pen Drive.



Step 4: Connect the USB Pen Drive

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

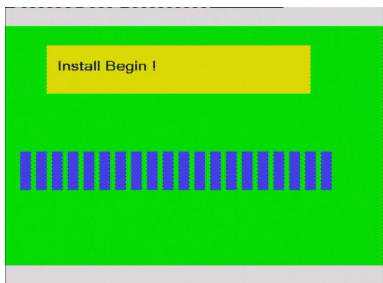
Step 5: Hold the STANDBY button

Press and hold the STANDBY button on the front panel, and do not loosen.

Step 6: Connect the power cable

Plug the power cable into the DC IN jack, wait for about 3 seconds or more, and then loosen your finger on the STANDBY button;

Firmware installation will start in about 30 seconds. The LED indicators on the front panel will be enlightened and flashing during installation. If it is connected to a TV set, a yellow install page will appear on the TV screen.



Please wait for about 10 minutes, the installation will be completed, the LED indicators will go off, and the player will be powered off automatically. Then you can press the STANDBY button to turn on the player and enjoy.

Note:

If install error or white screen occurs, please unplug the power cable and try again;

Do not turn off the power during installation;

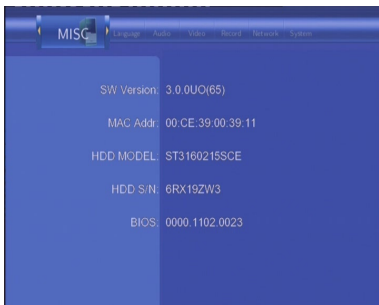
The USB Pen Drive is not allowed to be unplugged during installation.

11.2 Firmware Upgrade

Firmware upgrades can bring new features, improvements and bug fixes.

To check whether you have the latest version of firmware:

1. Select MISC in the Setup menu;
2. The firmware version number is displayed behind SW Version;
3. Compare it with the latest firmware version released.



Note: Firmware upgrade will delete all of the recorded titles in the UDF recording partition. Please copy the recorded data to FAT32 partition in your hard disc in advance. See Copy to FAT32 partition in 4.6 Title Edit Menu for more details.

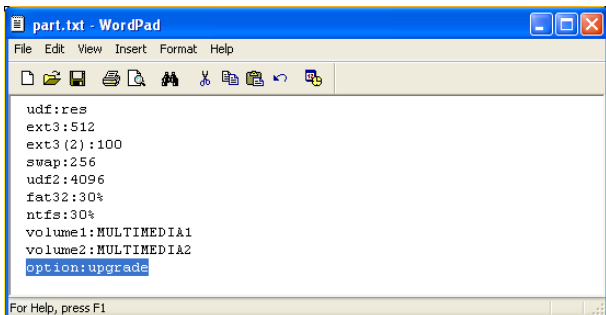
Download the latest firmware from our official website.

Step 1: Prepare the USB Pen Drive

Copy the 6 files into the root directory of your USB Pen Drive.

Step 2: Modify 'part.txt'

Open 'part.txt' file in the USB Pen Drive with WordPad, and make sure to modify 'option:install' to 'option:upgrade'.



Item	Description
Option:install	This option will perform firmware installation, which will format the whole HDD (All data on the HDD will be removed).
option:upgrade	This option will perform firmware upgrade (Recording partition will be removed, but multimedia partitions will be kept).

Note:

Please do not modify the other sentences in 'part.txt', which might cause install error.

Step 3: Repeat step 4, step 5, and step 6 in 11.1 Firmware Installation.

Note: When installation or upgrade is completed, several system partitions would be created. Please do not delete any of these partitions in case of hard disc failure.

12. Appendixes

12.1 Specifications

<p>USB SUPPORTED:</p> <ul style="list-style-type: none">* USB HDD* Other USB Mass Storage Devices* USB 2.0 Interface
<p>CONTENT FORMATS SUPPORTED:</p> <ul style="list-style-type: none">* DAT/VOB/IFO/MPG/AVI/MPEG-2 TS* MP3/OGG/WMA* Compression rate: between 32 kbps and 320 kbps* JPEG/BMP
<p>VIDEO CODECS SUPPORTED:</p> <ul style="list-style-type: none">* MPEG-1/MPEG-2* MPEG-4 ASP: XviD
<p>AUDIO CODECS SUPPORTED:</p> <ul style="list-style-type: none">* MP2/MP3 /OGG Vorbis/WMA Standard (DRM, Pro & Advanced Profile not supported)/PCM
<p>SUBTITLE FORMATS SUPPORTED:</p> <ul style="list-style-type: none">* SRT, SMI, SSA, IDX/SUB
<p>RECORDABLE DEVICES SUPPORTED:</p> <ul style="list-style-type: none">* Built in HDD* USB HDD

VIDEO RECORDING MODE			
Mode	80 GB HDD	120 GB HDD	160 GBHDD
HQ	16hrs	24hrs	33hrs
SP	32hrs	48hrs	66hrs
LP	48hrs	72hrs	99hrs
EP	64hrs	96hrs	132hrs
SLP	96hrs	144hrs	198hrs
VIDEO RECORDING FORMAT			
* HQ/SP/LP/EP/S-LP mode: MPEG-2 MP@ML			
AUDIO RECORDING FORMAT			
* HQ/SP/LP/EP/SLP mode: MP2 2-chanel			
VIDEO OUTPUT SPECIFICATION			
Composite Output	1 Vpp 75 Ohm		
Components Output	Y:1 Vpp 75 Ohm		
	Cb:0.7 Vpp 75 Ohm		
	Cr:0.7 Vpp 75 Ohm		
HDMI Output	HDMI (Version 1.1)		
NETWORK FEATURE			
Ethernet	10/100Mbps Auto-Negotiation		
WLAN	IEEE 802.11b/g, up to 54Mbps (supported by the optional WLAN USB Adapter)		
AUDIO PERFORMANCE			
DA Converter	24-bit/192kHz		
AD Converter	24-bit/96kHz		
Signal-Noise (1kHz)	≥ 95dB		
Dynamic Range (1kHz)	≥90dB		
Channel Separation	≥95dB		
Total Harmonic Distortion (1kHz)	≤-85dB		

GENERAL Power Supply Power Consumption Operating Temperature Operating Humidity	AC 100~240V 50~60Hz Approx. 35 W +5°C to +35°C (+36°F to +95°F) 5% to 80% RH
Hard Disk Dimensions (W/H/D) Net Weight	3.5" SATA HDD 203x164.4x53mm (7.99"x6.47"x2.09") Approx 1.5 kg

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

12.2 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:

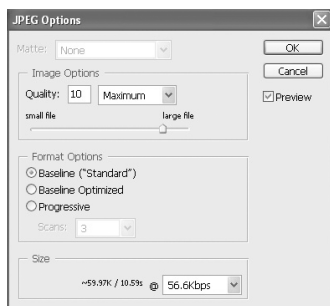
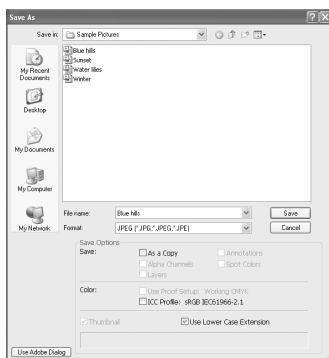
Make sure that you browse your files via the correct Browser mode which means correct filtered views such as Photos, Music, or Movies.

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 SYSTEM 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 Installer software in the Driver CD which is provided along with the player.

Question11. Some functions like recording, time shift etc. do not work. What should I do?

Answer:

If you find some functions do not work properly on the player, please change system settings to the default (Refer to 6.6 for changing system settings).

Question12. 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 recorded video titles and IFO (DVD) files only.

12.3 Copyrights and Trademarks

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12.4 Warranty

What your warranty does not cover:

- Acts of nature, such as fire, static discharge.
- Damage from unauthorized repair, alteration or accident.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Loss of customer's software, firmware, information, or memory data.
- Improper handling or installation.

For complete information regarding EMTEC Movie Cube-R warranty and customer support please visit our website : www.emtec-international.com