



FREE TIME 200



USER MANUAL

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1 Safety Precautions

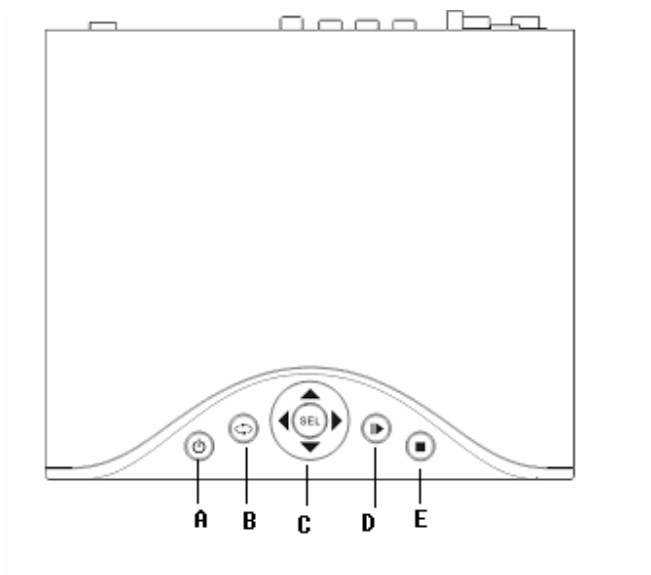
1. To avoid Fire or Electric Shock, please do NOT expose it under the rain or wet condition.
2. Please do NOT put it near a place with high-temperature, dust or vibrating conditions.
3. Please make sure to use the original power adaptor provided by us. Other power adapter may cause damage to the machine.
4. Hard disk inside is a very delicate device, slight shocking may cause damage to the machine.
5. Magnet devices may cause the loss of the datum inside the hard disk. Please keep the machine away from the magnet devices.
6. Please do NOT use chemic solvent to clean the machine.
7. Please ask for help from professionals to repair after the machine has problems.

2 Specifications

2.1 Accessories

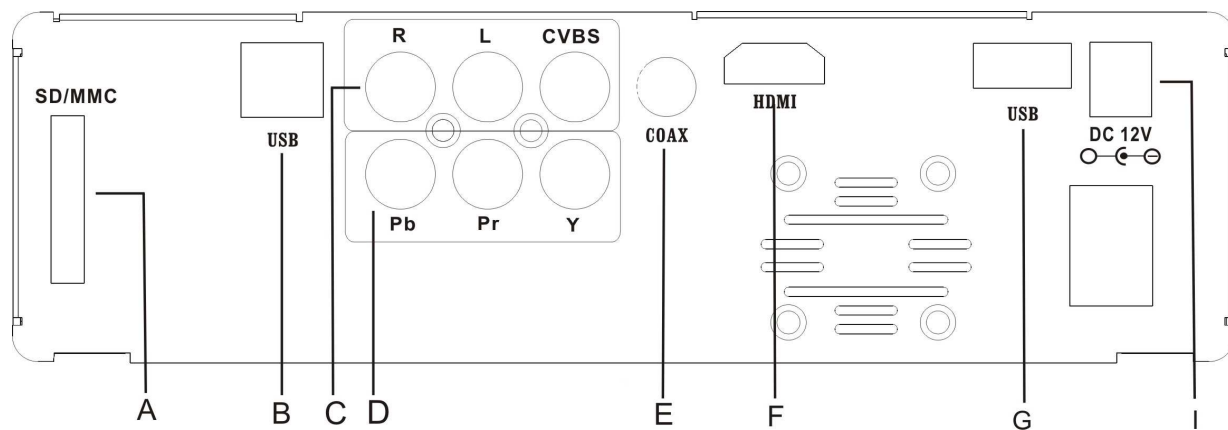
Accessories	Pcs
Remote Control (without Battery)	1
USB Cable	1
AV Output Cable	1
A/C Adaptor	1
User Manual	1

2.2 Front Cover



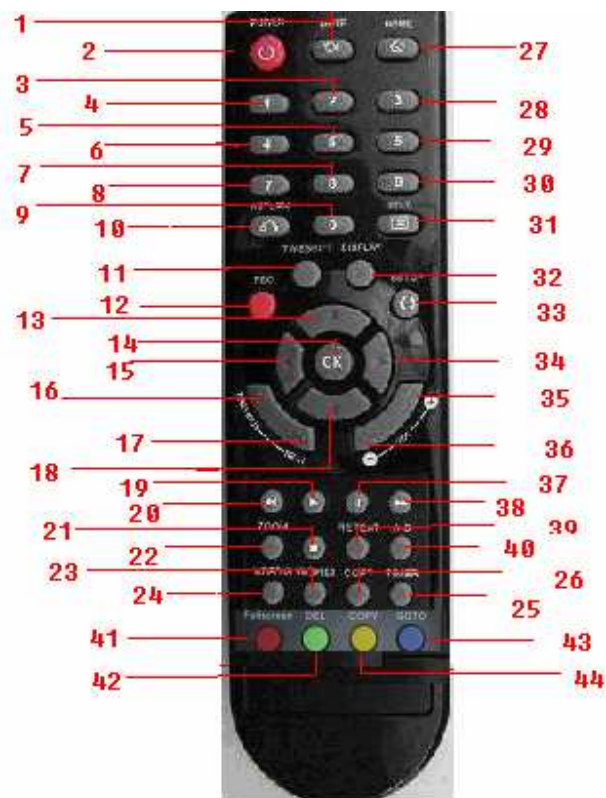
No.	Function
A	ENTER button: Press to select options in menus.
B	RETURN Key Press to return to the previous screen when navigating the menus
C	Navigational buttons Press the arrow buttons to navigate the menus
D	PLAY button Press to play playback
E	PAUSE button Press to pause playback

2.3 Rear Cover



- A: SD/MMC interface
- B: USB device interface (Connected to PC)
- C: AV Output
- D: YUV Video Output
- E: Coaxial Output
- F: HDMI interface
- G: USB host interface
- I: Power interface

2.4 Remote Control



No.	Function
1	MUTE button: Press to mute audio output, and press again to resume.
2	POWER button: Press to stand by on the AV HDD recorder.
3	Numeric buttons: Press to enter channel numbers or numeric input when changing settings
10	RETURN button: Press to return to the previous screen when navigating the menus.
11	Copy button Press to copy the files from one disk to others
12	ZOOM button:

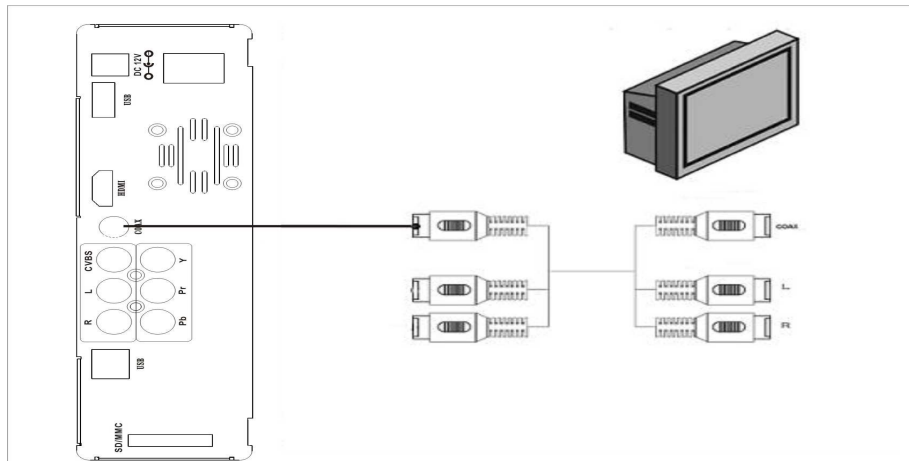
	Press to ZOOM OUT the image.
13,15,18,34	NAVIGATION buttons: Press the arrow buttons to navigate the menus.
14	OK/ENTER button Press to select options in menus.
16	PREVIOUS buttons: Press to go the previous chapter on HDD title
17	NEXT buttons: Press to go the next chapter on HDD title.
19	Play button: Press to playback selected video, audio or picture format file.
20, 38	FAST REWIND / FAST FORWARD buttons: Press to fast rewind or fast forward the current playback. Press repeatedly to select faster rewind or fast forward speeds..
21	PG. down button: Press to go to the next page
22	PG. up button: Press to go to the last page
23	AUDIO button: Press to enter audio menu.
24	INFO button: Press to show the information the video and photo
25	GOTO button: Press to go to the select time you choose and play
26	SUBTITLE button: Press to activate available subtitles on HDD disc or other disk
27	HOME button: Press to view the home menu.
31	THUMBNAIL button: press to review the photos in small pictures
32	BACK MUSIC button: Press to choose open the background music when playing the photo
33	TV SYSTEM button:

	Press to choose the TV System you want to select
35, 36	VOL + / - buttons: Press to increase or decrease the volume.
37	PAUSE / STEP button: Press to pause current playback. Press again to step to the next frame. Press  to resume playback.
39	Repeat A-B buttons: Press A-B to set the beginning and end points of a section to repeat.
40	REPEAT buttons: Press REPEAT 1 / ALL to set repeat option - Chapter, Title or Off.
41	Fullscreen button: Press to make the videos and photos full screen
42	DEL button: Press to delete some files
43	COPY button: Press to start copy functions (from one Device to another)
44	GOTO button: Press to go to the select time you want to play for the videos and music.

3 Connection

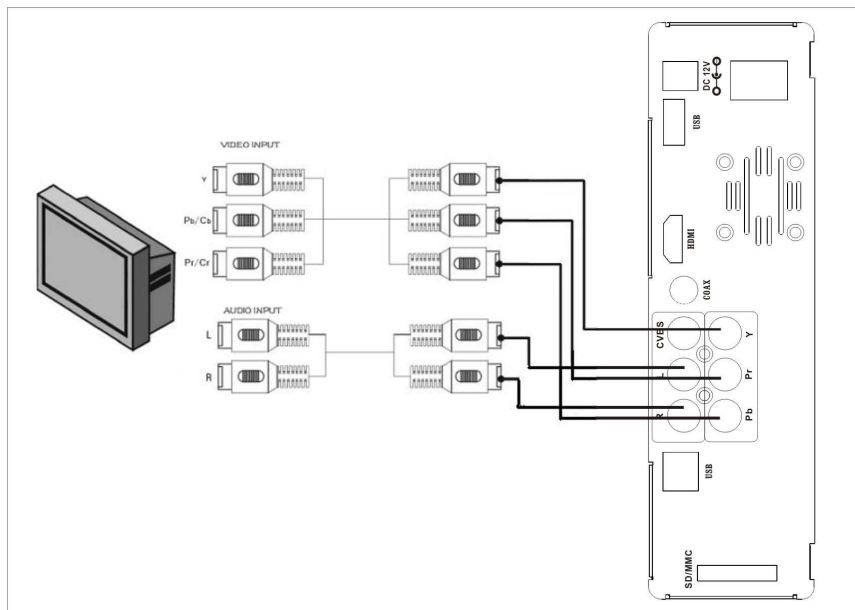
3.1 Coaxial Output

Follow the picture and Use Coaxial cable (optional) to connect TV



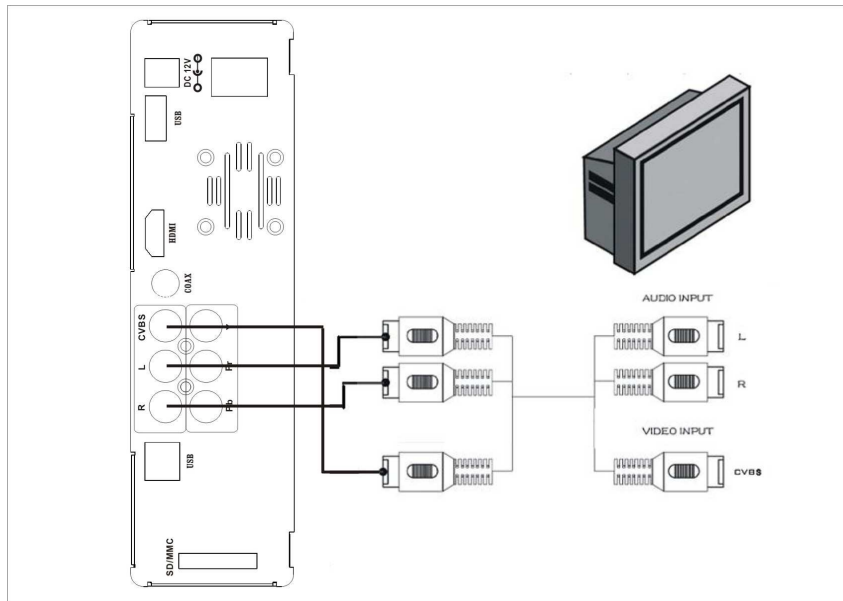
3.2 YUV Output

Follow the picture and Use YUV cable (optional) to connect TV :



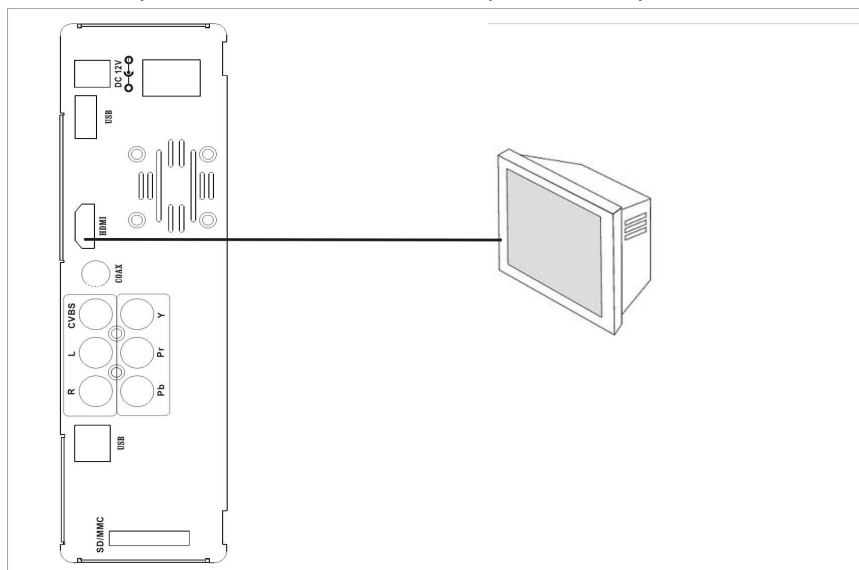
3.3 AV Output

Follow the picture and use AV cable to connect TV :



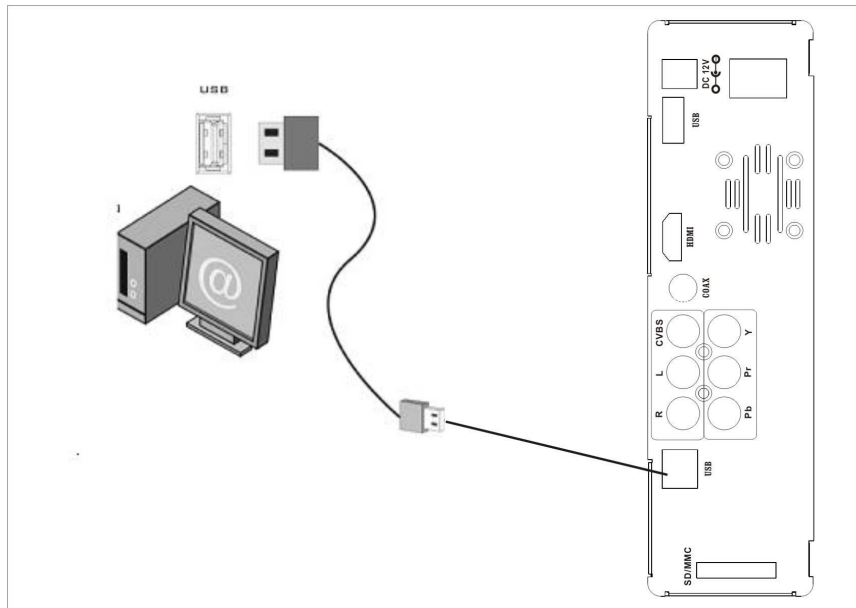
3.4 HDMI Output

Follow the picture and use HDMI cable (not included) to connect TV :



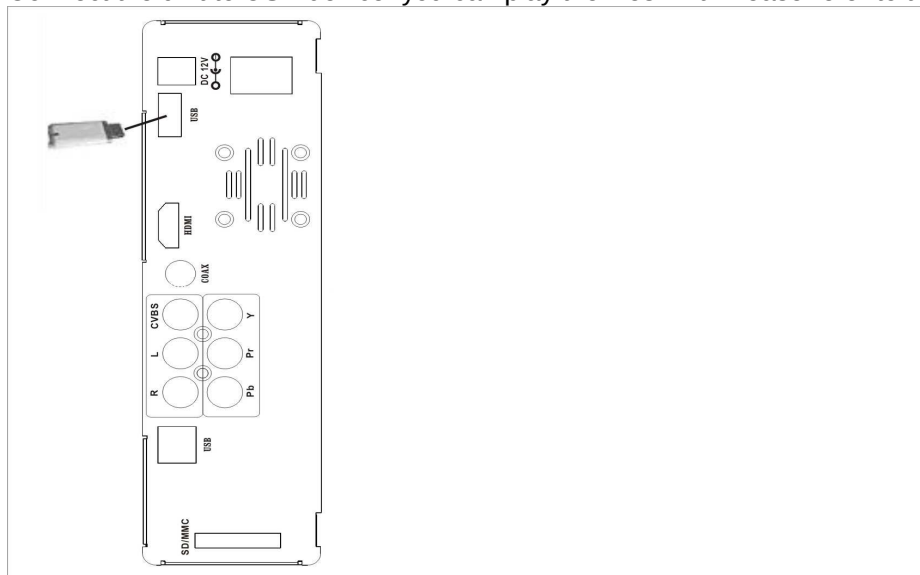
3.5 Connect to Computer

Connect the unit to PC by USB cable when it power on, you can copy, stick, and delete files. Please refer to the picture.



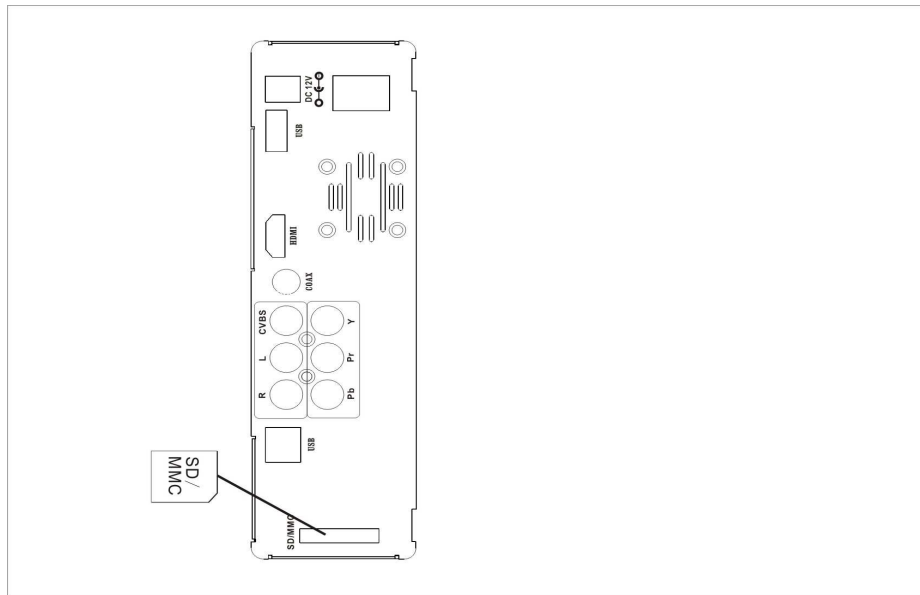
3.6 USB device (like USB disk, MP3, USB HDD etc.)

Connect the unit to USB device: you can play the files in it. Please refer to the picture.



3.7 SD/MMC device Connection

Connect the unit to SD/MMC device: you can play the files in it. Please refer to the picture.



4 Function Instruction

4.1 Home Menu

Power on the AV HDD system, you can see the start up page.

After a few second, the system will enter a guide menu. To enter this menu, press HOME KEY on the remote control too. Home menu including 6 options: Device, Photo, Music, Video, Setup and files.

Enter the folder press  and  to select the file you want to view and press OK to play.

4.2 Device Menu

The Device menu allows you to select a device such as SD/MMC card, USB, HDD to browse. To enter the menu, select **Device** from the **Home** menu.

Enter the file press  and  to select the device you want to view and press OK to play:

4.3 Photo Menu

The Photo menu allows you to browse photo files stored on a HDD or an external USB \Card device. To enter the menu, select **Photo** from the **Home** menu.

Enter the file press  and  to select the file you want to view and press OK to play.

	BUTTON	FUNCTIONS
	▶	Playback
Photo	■	Stop
	Screen width	16 : 9/4 : 3
	Information	Display photo name, type, resolution, size and zoom information
	Zoom	Zoom Adjusting Range : 1x、 2x、 4x、 8x、 1/4x、 1/2x
	Rotation	Rotation: use Left, right, up, down button to adjust. Adjusting Range : 90 degree、 180 degree、 270 degree、 360 degree
	◀◀	FAST REWIND
	▶▶	FAST FORWARD
	PG. up	
	PG. down	
	Repeat	repeat playing the photos
	BACK MUSIC	choose to open the background music when playing the photo
	THUMBNAIL	to review the photos in small pictures

specifications

JPEG

resolution

6000X6000

format options

Progressive JPEG

baseline

support area

resolution only
support 1024X768

support

		("standard")	
		baseline optimized	support
		Single color	support
		16 colors	support
		256 colors	support
BMP.	6000X6000	16bit	support
		24bit	support
		32bit	support

4.4 Music Menu

The Music menu allows you to play music files stored on a HDD or an external USB \Card device. To enter the menu, select **Music** from the **Home** menu.

Enter the folder press  and  to select the file you want to view and press OK to play.

	BUTTON	FUNCTIONS
	▶	Playback
	■	Stop
Music	PG. up	
	PG. down	
	▶▶	Fast Forward
	◀◀	Fast Rewind
	VOL+	VOL +1
	VOL -	VOL -1
	GOTO	Go to the time you choose and play
	Repeat	Επανάληψη αναπαραγωγής
	BACK MUSIC	To select files and go to BM Menu **

** Press  in the Music menu to select the music files you want to show. The files will be marked with symbol . Then press BACK MUSIC button to enter the BM Menu:

Specifications	Sampling	Bit Rate	Sound Channels
WMA	8K-48KHz	32K-320Kbps	Mono , Stereo
MP3	8K-48KHz	32K-320Kbps	Mono , Stereo
M4A(AAC)	16K-48KHz	32K-192Kbps	Mono , Stereo

4.5 Video Menu

The Video Menu allows you play movie files stored on a HDD or an external USB \Card device. To enter the menu, select **Video** from the **Home** menu.

Enter the folder press  and  to select the file you want to view and press OK to play.

	BUTTON	FUNCTIONS
	▶	Playback
	■	Stop
	Screen width	16 : 9/4 : 3
Video	Info	Display file name, type, resolution, frame rate, total time, current time, audio track, subtitle and program information
	Zoom	Zoom Adjusting range: 1x, 2x, 4x, 8x, 1/4x, 1/2
	Subtitle	show or not show the subtitle for the video
	Repeat	
	◀◀	FAST REWIND
	▶▶	FAST FORWARD
	VOL+	VOL+1
	VOL-	VOL-1
	Goto	Go to the time you choose and play

specifications

	Supported suffix	Internal code	Bit rate
MPEG1	.DAT\MPG	\	\
MPEG2	.MPG	\	Up to 9.8Mbps

MPEG4
H264

.AVI
.MKV\MOV

DIVX , XVID
H.264

Up to 9Mbps
Up to 9Mbps

4.6 Setup Menu

The Setup Menu allows you to configure video and system settings.
To enter the menu, select **Setup** from the **Main** menu.

1. System Setup:

	Language	Press Left and Right button to adjust language
	Aspect Ratio	Press Left and Right button for adjustment. Adjusting range : 16:9,4:3, full screen
	TV FORMAT	Choose TV format: NTSC/PAL
	HDMI output	1080P/1080I/720P/576P
	SPDIF	PCM
	Preview	On/Off
Setup	Factory default	All settings return to default

Use  and  to select setting and use  and  to adjust each setting.

2. Video Setup

Use  and  to select setting and use  and  to adjust each setting.

	Aspect Ratio	Select if you want to keep the aspect ratio of the video file or not.
	Subtitle Specific	Choose subtitle size: Small, Normal, Big
	Subtitle BG	Choose subtitle background color: Transparent, Grey, Yellow Green, White
Setup	Subtitle FontColor	Choose between :Red, Blue, Green
	StartResume	Enable or Disable the resume function

3. Photo Setup:

	SLIDE TIME	Choose the time between the slides, during the slide show.
Setup	SLIDE MODE	Choose the type of the transaction during the slideshow.
	Aspect Ratio	Choose if you want to keep or not the aspect ratio of the image.

4.7 Files Menu

The Files menu allows you browse text files stored on a HDD or an external USB \Card device. To enter the menu, select **Files** from the **Home** menu.

Enter the folder press  and  to select the file you want to view and press OK to play.

5 Specifications

Power Supply	AC Input: 110-240V Output: 12V3A/5V2A
Power Consumption	About 30W
Weight	Approximately 1KG
Dimension (LxHxD)	28 x 10.5 x 22 cm

TV System	NTSC / PAL
Video	DAC: 96 kHz and 24bit Output Level: 1.0 Vp-p (75 Ohm) S/N Ratio: > 60 dB
Audio	DAC: 96 kHz and 24bit Output Level (analogue): 1.4 Vrms (1 kHz, 0dB) S/N Ratio: > 85 dB Dynamic Range: > 80 dB Frequency Range: 20 Hz - 20 kHz
Interfaces	Video: AV/ YUV / HDMI Audio: Stereo/ Coaxial Others: USB 2.0 Host (High Speed), USB device , 2-in-1 Card Reader , SATA 3.5" 40-1000G for internal HDD, DC IN ,HDMI
File System	FAT32 (write/read) and NTFS (read only)
Subtitle Formats Supported:	.SRT/ SSA
Compatible Operation System	Windows98SE/ME/2000/XP/7、 Mac OSX

6 Optional assembling of internal hard disk (Hard disk is not included).

1. Open the side cover, put the plastic hole to the correct place (hole to hole)



- 3 Lay the HDD to the correct place (hole to hole)



4 Connect the cables and whorl back the side cover



Technical support

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CRYPTO

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