

CENTRIX MVP-100 User Manual



Thank you for purchasing this product.
Please read the manual carefully before use.

SITECSystem Co., Ltd

www.centrixclub.com

Portable Multimedia Player with 1.3M Pixel Digital Camera

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Thank you notes

Thank you for your CENTRIX MVP-100 purchase. We will do our best to compensate to customer's support with the top-on-top product. This guide will ensure that you get the most functions of MVP-100 with conveniences. Please do read through this guide before using and contact our customer support center for any problem in use.

1

Online registration Info.

- You can receive continuous services through online register of CENTRIX Club (www.centrixclub.com).



- This site provides you diverse information and news of product.
- By online registration, you can receive diverse event or product information provided by CENTRIX Club.
- Using Firmware Update from website, you can receive continuous service for product improvement.
- Diverse of customer questions are answered and online support is available.

Copyright Notice

- Using this manual if you make play, copy, distribution of the software, audio and video which have an intellectual property are protected by copyright & international laws. User are responsible for infringement of copyright or intellectual property.

Trademarks





- CENTRIX is the registered trademark of SitecSystem Co., Ltd.
- Microsoft Windows 98, Windows ME, Windows 2000, Windows XP is registered trademarks of Microsoft Corporation.

Limited Liability






- Limited Liability on improper use : Manufacturer, Importer, Distributor, Agencies shall not be liable for product damages caused by misuse, abuse, improper handling, infringement of literary property by photographing & portrait using this product. The manufacturer shall not be responsible for injury and damages caused by improper uses in out of standard or conditions.
- Limited Liability on loss of data : Users should keep separately data stored on disk media, video file, photo file to avoid operating error, failure of unknown cause, loss during A/S. Manufacturer, Importer, Distributor, Agencies shall not be liable for damages caused by loss of data stored on the product.
- Limited Liability on alteration of functions : The manufacturer, SitecSystem Co., Ltd may change the specifications or S/W without individual's consent or prior information.

2






Safety Instructions

	<p>Hearing Safety</p> <ul style="list-style-type: none"> • Do not use headphones or earphones at high volume. Auditory injury can be caused. • Reduce volume or stop using the player if you experience a ringing in your ears. • Hearing for a long time can cause auditory injury.
	<p>Visual Safety</p> <ul style="list-style-type: none"> • Watching video files with narrow screen can cause a visual damage. Do not use for a long time continuously.
	<p>Safety during driving</p> <ul style="list-style-type: none"> • Do not use headphones or earphones while cycling, driving such as motorized vehicle & roller skating. • It can be against the law in some regions to use headphones or earphones during driving.
	<p>Safety while walking</p> <ul style="list-style-type: none"> • Do not leave this product in a car. It may cause damages to the product and user according to the ascending or descending of in car temperature.







Safety Instructions

	<p>Safety in public transportation</p> <p>It may cause accidental damage using in bus, subway, railway such as public transportation by caught earphones between the doors. Listening with loud volume while using public transportation may cause inconveniences to other people. To protect other's privacy, please use with low volume while using public transportation.</p>
	<p>Precaution against drop or impact</p> <p>Do not drop or put strong impact through stepping on the product. It may cause breakage or inferior.</p>
	<p>Prohibition of reassembling, remodeling</p> <p>Do not disassemble or modify. It may cause breakage, inferior or accidental damage.</p>
	<p>Prohibition of place objects inside</p> <p>It is prohibited to put metal or inflammable objects inside the player for safe usage. It may cause inferior of player.</p>
	<p>Prohibition of expose to water, humidity, rain, beverage, medicine and cosmetic</p> <p>This player, as a electronic product, is easily damaged by water. Do not power on if the player gets wet, then mop up the player immediately and go get A/S.</p> <p>Do not use water or other chemicals to clean the player. Use dry mope or towel.</p>





Safety Instructions

	<p>Prohibition of chemicals</p> <p>Do not peel the surface using chemicals or detergent.</p>
	<p>Use only proper accessories</p> <p>It may cause accidental damage if you use another accessories not provided with this player.</p>
	<p>Proper data backups</p> <p>Keep your data separately which is stored in this player unless it may cause data deletion during inferior or repair. Manufacturer, Importer, Distributor, Agencies shall not be liable for data damages caused by user.</p>
	<p>Precaution against fire</p> <p>Keep out of direct ray of light or such places where there are heating equipment. Such places may cause player inferior or breakage.</p>
	<p>Precaution against heavy lading</p> <p>Do not place heavy objects on the device to avoid breakage.</p>

Safety Instructions


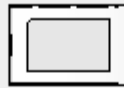










	<p>Using of approved adapter</p> <p>Use the AC power adapter belonged to this product for safe usage.</p>
	<p>Using of approved battery</p> <p>Use the battery belonged to this product or manufacturer providing one for safe usage.</p>
	<p>Precaution of thunder and lightning</p> <p>Unplug the power use when it thunders or lightning flashes. Electric shock or breakage may cause.</p>
	<p>Power management</p> <p>Do not overload a single power circuit. It may cause fire or heat.</p>
	<p>Precaution against fire</p> <p>Power off immediately and detach the adapter if smoke, smell or noise such unusual thing happens.</p>
	<p>Precaution against magnetic</p> <p>Magnetic may bring in damage in your player.</p>

Safety Instructions

	<p>Precaution against humidity or dust</p> <ul style="list-style-type: none"> Do not leave the player where there are much humidity and dust.
 	<p>Precaution against using battery, adapter, main body</p> <ul style="list-style-type: none"> Keep the player away from water and excessively humid areas. Do not handle with wet hands, it may cause accidental damage and receiving of electric shock. Keep away from harsh environments including impacting, heating, sauna or disassembling with sharp thing unless it may cause explosion. Do not handle the charging terminal of adapter or battery with metals unless it may cause product inferior or damage.
	<p>Precaution against using of infants & children</p> <ul style="list-style-type: none"> Keep battery & adapter away from touching or sucking of infants & children. It may cause accidental damage to infants and children.

1. Before Using

1-1. Accessories & Components

<p>MVP-100</p> 	<p>Battery</p> 	<p>Plastic Cover</p> 
<p>AC Adapter</p> 	<p>Remote Controller</p> 	<p>Earphone</p> 
<p>Carrying Case</p> 	<p>USB Device Cable (Mini B)</p> 	<p>USB Host Jack (Mini A)</p> 
<p>Application CD</p> 	<p>User Manual</p> 	<p>A/V Cable</p> 

1. Before Using

1-2. Minimum System Requirements

CPU	Pentium III or above (Pentium IV Preferred)
Memory	256MB or above (512MB Preferred)
Operating System	Windows 98,SE,ME,2000,XP
	* <u>Under Window 98 system, you should install additional driver for recognition of USB.</u> * <u>Media Converter cannot be installed in Window 98 system.</u>
PC Interface	USB 1.1 or USB 2.0 required
Multimedia (Must have Utility for Media Converter)	MS Direct X 9.0b or above (minimum requirements)
	MS Windows Media Player 9
	Internet Explorer 6.0 or above
	Divx 5.1.1. or above

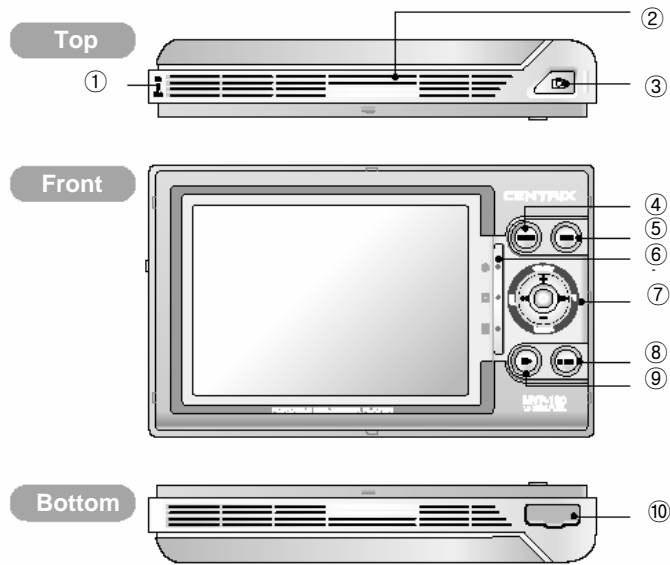
1. Before Using

1-3. Using HDD

Precaution against HDD handling	Precaution against drop or impact : It may cause breakage by external impact or drop. Avoid accidental impact or drop against the product.
	While data transmission : It may cause HDD error if the USB cable is left out while data transmission/reception from PC or from external device through USB Host function as well.
Precaution against HDD format	Back-up of the stored data before formatting, if you want to format HDD at your pleasure.
	It is necessary to format this product with FAT32 file system. It is not detected in this product to format as NTFS file system under Window base PC.
HDD error	Check through disk error test provided by Window program if it is a HDD error.
Disk breakage	In case of disk breakage, it is not detected as external storage device or files are not visible in each menu of system. In this case you should ask A/S.

2. Getting Started

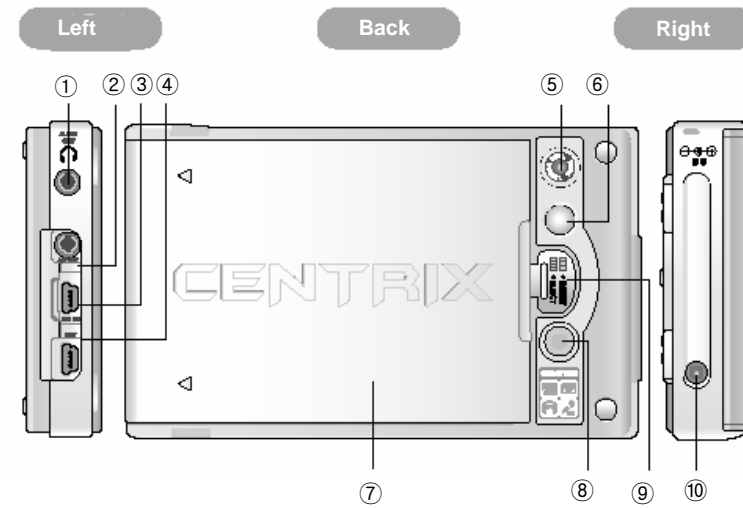
2-1. Name of parts



1	Built-In MIC	7	Vol up/down, REW/FF SELECT (Straight Push)
2	Built-In 2 Way Speaker	8	Stop/Escape
3	Camera Shutter	9	Play/Pause
4	Power On/Off	10	Cradle Interface
5	Menu (Function Setting)		
6	Power, HDD, Recharge LED		

2. Getting Started

2-1. Name of parts

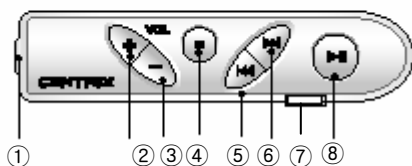


1	Remote Control/Earphone Jack	7	Rechargeable/ Removable Lithium Polymer Battery
2	A/V Jack	8	Camera Flash
3	USB 2.0 Device Jack	9	Battery Lock
4	USB 1.1 Host Jack	10	DC 5V Jack
5	Camera Lens		
6	Camera Mirror		

2. Getting Started

2-1. Name of parts

Remote Control



①	Earphone Jack
②	Volume Up
③	Volume Down
④	STOP
⑤	REW/ Previous Song
⑥	FF/ Next Song
⑦	Hold key
⑧	Play/ Pause

2. Getting Started

2-2. Connecting & Installation

Attaching/Detaching battery

*Attaching the rechargeable battery

1. Cover 4/3 of battery onto the back side of main body And fix it.

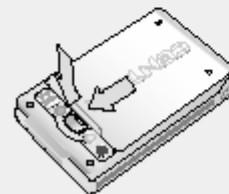


2. Slide the battery to the arrow direction till it locks into the place precisely.



*Detaching the rechargeable battery

1. Press the lock to release the battery and slide 4/3 of it out of the player.



2. Slide 4/3 of the battery out of the player and lift it up then it will release.

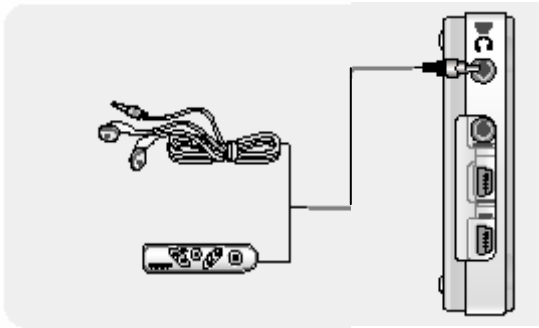


2. Getting Started

2-2. Connecting & Installation

Connecting Remote Control & earphone

1. Connect the Remote control to the Audio jack.
2. You can connect earphones directly to the player.

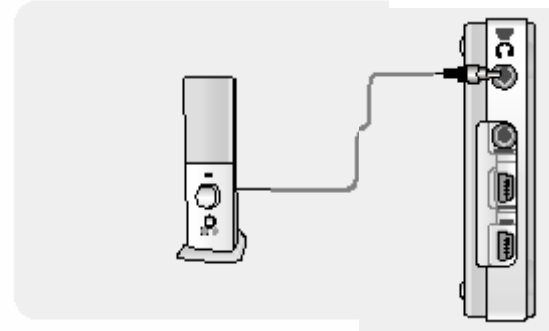


2. Getting Started

2-2. Connecting & Installation

Connecting external speaker

1. Connect the external speaker to the Audio jack.
2. Speaker connection line is not provided.

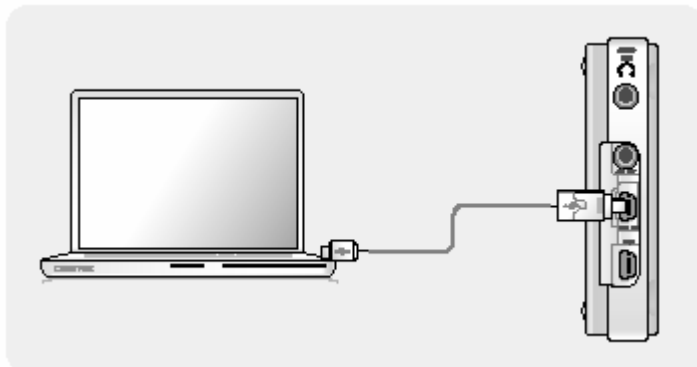


2. Getting Started

2-2. Connecting & Installation

PC Connecting with USB 2.0

1. Power on the player. Wait until the main screen is displayed.
2. Connect to a PC with USB 2.0 cable (Mini USB B, long cable). When it is connected to PC, "USB Device Connected" message will pop-up on the screen of the player.
3. Open USB port which is on the left side and connect USB 2.0 cable (Mini USB B, long cable) with USB 2.0 Jack which is on the lower end of player.
4. When it is connected to the main body, it is detected as a mass storage on PC. If no power source is input, the USB is not detected. Power on when it is connected to PC.
5. When it is connected to PC, it is detected as a mass storage, MVP-100.
6. you can transfer movie, music, image file from PC to audio box, Video, Image folder in the player.
 - You should connect to PC with USB 2.0 port.
 - This player has USB 2.0 & USB1.1 Host Jack. Do not use with connecting above two Jacks at the same time.
 - Under Window 98 system, you should install additional USB driver for recognition of USB.

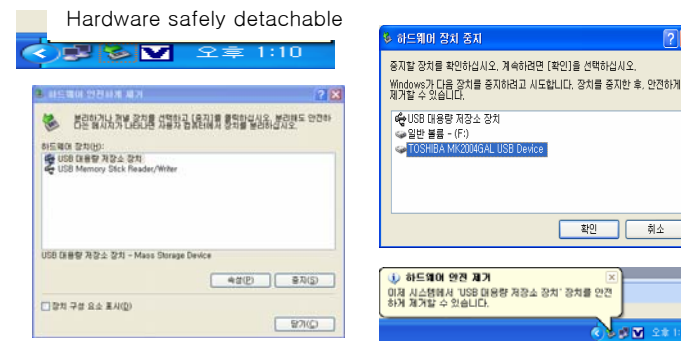


2. Getting Started

2-2. Connecting & Installation

Separation from PC

1. If you want to separate the connection between player and PC, click the USB connecting icon from the menu icon which is shown right side in the below end of PC then "Hardware safely detachable" message will pop-up.
2. Select "USB mass storage device" and press "Stop".
3. Select " Toshiba MK2004GAL USB Device" and select " Hardware device stop" message from menu.
4. Be sure to check " Hardware safely detachable" message on PC.
5. You can separate this player with PC.

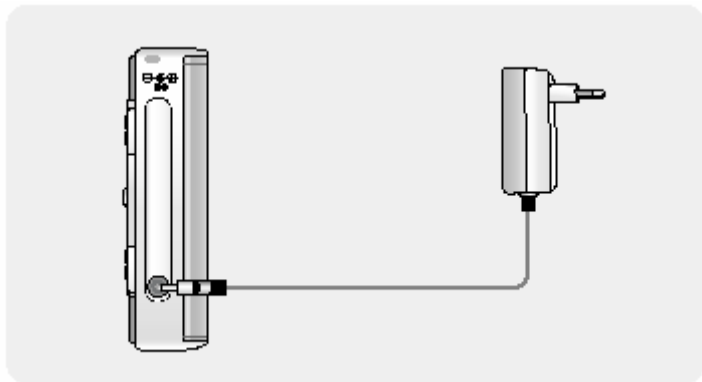


2. Getting Started

2-2. Connecting & Installation

Connecting adapter and charging

1. Connect the adapter to the player's DC Jack which is on the lower end of the right side from the front of player.
2. If the LED which is on the lower end of the front illuminates with red color, charging is in processing.
3. The LED light will change into green color when charging is complete.
4. The LED light will turn-off when the adapter is detached.

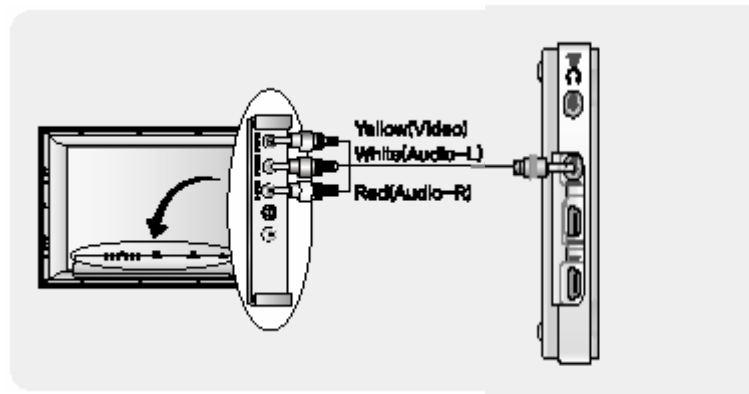


2. Getting Started

2-2. Connecting & Installation

Connecting TV

1. Connect A/V cable to the image input terminal of TV. Yellow is Video, White is Audio left channel, Red is Audio right channel.
2. Connect A/V cable to the end of A/V Jack which is on the lower end of the left side from the front.
3. Set the TV setting as Line-in .
4. When you power on the player, menu icons will be displayed on TV screen and you can enjoy video file by setting TV screen.
5. If you pull out the A/V cable from the player, then you can enjoy video file on the LCD screen again.
6. If you stick A/V cable to the player while screen playing on built-in LCD, then there is no output on LCD.



2. Getting Started

2-2. Connecting & Installation

Connecting external storage to USB OTG : USB1.1

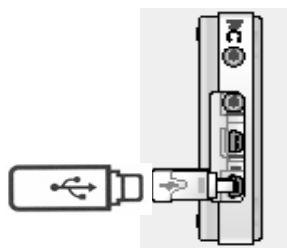
1. Connect USB 1.1 Host cable (Mini USB A, short cable) to USB storage device (USB Flash Memory Drive).
2. Open USB port which is on the left side and connect USB Host cable (short cable) with USB Host Jack which is on the lower end of player.
3. When it is connected to the main body, it is detected as a mass storage (B: device) on PC.
4. Transfer, save, deletion of file is available at File Manager menu.
5. Connect two cables each other if certain product is not available to connect to USB 1.1 Host cable (short cable).

* Precaution

- This player has USB 2.0 & USB1.1 Host Jack. Do not use with connecting USB 2.0 and USB1.1 Host Jack at the same time.
- Separate application needed digital camera or various drives appeared Multi Card Reader, Security function applied USB Storage device is not recognized in this player.

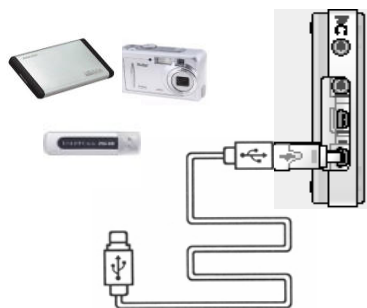
<Direct connection is available>

< USB Flash Memory Drive>



<Direct connection is not available>

<Digital Camera/ External USB HDD/Flash MP3 Player>



2. Getting Started

2-3. Basic Function

Main Menu






Menu	Function
Music	Playing music files
Video	Playing video files
Image	Playing image files
Snapshot	Taking pictures
Voice Recorder	Recording voice
File Manager	Managing external storage using USB Host
Setting	Setting the functions

2. Getting Started



2-3. Basic Function

Power On/Off

POWER ON

Button	Functions
	1. Press power button about 3 seconds to make power on
	2. Hard disk LED (middle LED) is on and then Power LED (top LED) is on
	3. Opening Image is displayed and then the main menu is displayed.

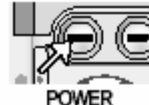




POWER OFF

Button	Functions
	1. Press power button about 3 seconds to make power off. 2. Stop all functions before you shut off the player.
	1. Ending Image is displayed and then the player is off.

2. Getting Started

2-3. Basic Function

Name & functions of buttons

Button	Functions
 POWER	<ul style="list-style-type: none"> • Press when power on/off. • Press about 3 seconds to make power on/off
 MENU	<ul style="list-style-type: none"> • Use the MENU button to go back to setting screen. • If you press MENU button during playback mode, it will shift to circumstance setting screen of playing file, after setting it, press ■/ESC key for shift to playback mode.
 Play (▶▶)Pause	<ul style="list-style-type: none"> • Use Play/Pause button to play music/video file and you press again to pause play of music/video.
 STOP ■(ESC)	<ul style="list-style-type: none"> • Use ■/ESC key to pause playing (music, video, snapshot) and transfer to upper screen. Use ■/ESC key to transfer to upper menu.
 SHUTTER	<ul style="list-style-type: none"> • Press shutter button a bit long to shift to Snapshot mode. It will not operate when it is connected to PC with USB cable.

2. Getting Started

2-3. Basic Function

Navigation Button

- Below functions are realized by pressing Navigation button to desired direction.

Button	Functions
REW	File playing: Playback of previous song for music, previous frame for video, previous image for photo. Snapshot: Use REW button for correction of setting item. File Manager: Use REW button to shift Device & Host.
FF	While playing: Playback of next song for music, next frame for video, next image for photo. Snapshot: Use FF button for correction of setting item. File Manager: Use FF button to shift Device & Host.
VOL +	During file navigation: Transfers to upper direction. While music/video file playing: Increases the volume. While Photo viewing: Rotates the photo. Snapshot: Set the setting value.
VOL -	During file navigation: Transfer to down direction. While music/video file playing: Decreases the volume. While Photo viewing: Rotates the photo. Snapshot: Set the setting value.
Select	(press the button from above directly) Playbacks selected file. Transfers to selected folder. Watching video: Selects screen swift function. Listening music: Changes Equalizer function.



3. Music

3-1. Music Playback Screen

You can listen stored music file (MP3, WMA, OGG etc) through music player.



1	Song Title
2	Name of Artist
3	File name
4	Time of processing
5	Transfer Rate (Bit rate)/ Sampling (Sampling Rate)
6	Balance indicator of Right & Left
7	Volume
8	File name of next Song
9	Duration of playback
10	File format (mp3, wma etc)
11	Playback mode
12	Equalizer

3. Music Box

3-2. Playing Music File

File Playback



POWER ON
Press POWER button for Power on.



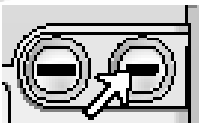
Music Menu Selection
Transfer to navigation button and select Music and click. By selecting, the icon will be indicated.



Music File Selection
Put cursor on the file you would like to playback from the folder under Music and click. By selecting, the icon will be highlighted



Music File Playback
If you press the click button, music file will be played. For battery power saving, LCD screen will be powered off in seconds and file playbacks continuously

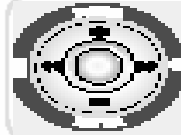


Play stop
Press ■/ESC key to stop playback. Then you will enter into Music directory and you can select song you would like to listen and playback.

3. Music Box

3-2. Playing Music File

Volume Control



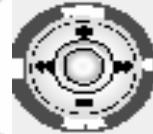
Use Volume +, - of Navigation button while music file playback and volume status will be indicated as a number in the top right of the screen.

Play /Pause



Use Pause button to pause the music file playback and press the button again to resume the playback.

Play Next/ Previous File



Press ◀ or ▶ buttons to play previous/next music file while playing.

Damaged/Unplayable File



If selected file is not a playable or a damaged one, then "This file is damaged or not playable." message will be shown on the screen and it returns to the folder again.

File Deletion



To delete one file, put cursor on the file and press Menu key shortly. Select as "delete" and then press 'select' button, the file is deleted.

3. Music Box

3-2. Playing Music File

Music Player Setting



Press Menu While Playing

If you press 'Menu' button while playing then it is shifted as the circumstance setting mode of the current file.



Settings

Set the Audio setting function or Play mode suites to user's taste.



Returning to Play mode

After circumstance setting is completed, press **■**/ESC button to switchover to the playing

Equalizer Setting



If you press 'Select' button while music file playing then it is shifted as Equalizer preset setting.

ID Tag information Display



ID TAG contains Artist name, title info. The player supports standard ID Tag version 1,2.

3. Music Box

3-3. Using Playlist

You can make lists of music file and listen them consecutively.



POWER ON

Press POWER button for Power on.



Music Menu Selection

Transfer to navigation button and select Music and click. By selecting, the icon will be indicated.



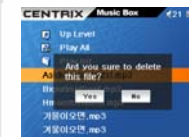
Add to Playlist

Select music file and click MENU button shortly. You will be asked whether you want to add to Playlist. Use direction key to select YES button then the file will be added to the list.



Playing Playlist

Select file under the play list and the files in Playlist is played consecutively.



Deletion of file in Playlist

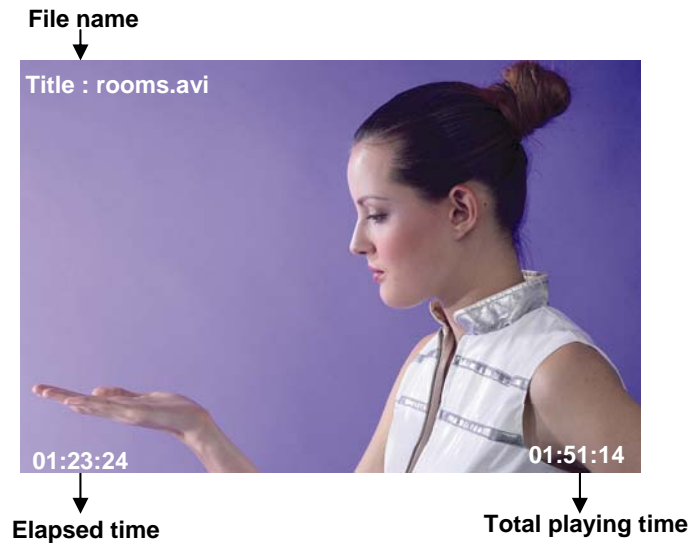
Select file to be deleted and Click MENU button shortly. You will be asked whether you want to delete file from Playlist. You can choose Yes. And then the file will be deleted from Play list. But the file is only deleted on the Playlist not on the original folder.

* Other function is same as in 3-2. Playing Music file.

4. Video Box

4-1. Video Playback Screen

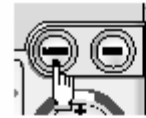
- You can watch video file (MPG, AVI etc) stored in Video folder through Video Player.
- You can watch WMV file which are not played in this player through conversion with media converter.



4. Video Box

4-2. Playing Video File

Video File Playback



POWER ON

Press POWER button for Power on.



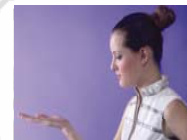
Video Menu Selection

Transfer to navigation button and select Video and click. By selecting, the icon will be indicated.



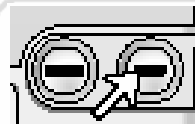
Video File Selection

Put cursor on the file you would like to playback from the folder under Video and click. By selecting, the icon will be highlighted



Video File Playback

If you press the click button, video file will be played after buffering process. Buffering Process is displayed as Number and %



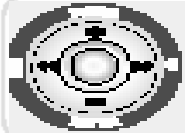
Play stop

Press ■/ESC key to stop playback. Then you will enter into Video directory and you can select song you would like to listen and playback.

4. Video Box

4-2. Playing Video File

Volume Control



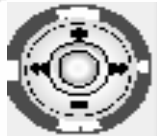
Use Volume +, - of Navigation button while music file playback and volume status will be indicated as a number in the top right of the screen.

Play /Pause



Use Pause button to pause the video file playback and press the button again to resume the playback.

Play Next/ Previous Frame



Press ◀ or ▶ buttons to watch previous/ next video scene while playing. When you want to skip the movie,

Damaged/Unplayable File



If selected file is not a playable or a damaged one, then "This file is damaged or not playable." message will be shown on the screen and it returns to the folder again.

Delete File



To delete one file, put cursor on the file and press Menu key shortly. Select as "delete" and then press 'select' button, the file is deleted.

4. Video Box

4-2. Playing Video File

Video Player Setting



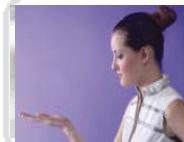
Press Menu While Playing

If you press 'Menu' button while playing then it is shifted as the circumstance setting mode of the current file.



Settings

Set video and audio or other setting function or Play mode suites to user's taste.



Returning to Play mode

After circumstance setting is completed, press ■/ESC button to switchover to the playing

Display size switchover



If you press Select button while video file playing, screen size setting is switched. If you select 'Screen' then it is displayed fitted to screen size and select 'Original' then it is displayed as to the original size.

Subtitle Display



To play subtitle there should be same file name between video & subtitle file which has extension name as smi. If you do not want to subtitle then off the Caption on Setting>Play mode.

5. Image

5-1. Photo Viewer Screen

You can see saved image file (JPG) through Photo Viewer.



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5. Image

5-2. View Photo File

Image File Playing



POWER ON

Press POWER button for Power on.



Image Menu Selection

Transfer to navigation button and select Image and click. By selecting, the icon will be indicated.



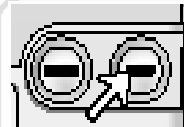
Image File Selection

Put cursor on the file you would like to playback from the folder under Image and click. By selecting, the icon will be highlighted



Image File Playback

If you press the click button, Image file is displayed. It can take times to buffering image files. Buffering Process is displayed as Number and %



Play stop

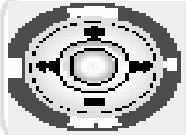
Press ■/ESC key to stop playback. Then you will enter into Image directory and you can select song you would like to listen and playback.

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5. Image

5-2. View Photo File

Image Rotation



Use Volume +/- button while image file playback then screen image will be rotated to the Left/ Right.

Play /Pause



Use Pause button to pause the music file playback and press the button again to resume the playback.

Play Next/ Previous File



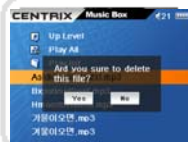
Press ◀ or ▶ buttons to play previous/ next music file while playing.

Damaged/Unplayable File



If selected file is not a playable or a damaged one, then "This file is damaged or not playable." message will be shown on the screen and it returns to the folder again.

Delete File



To delete one file, put cursor on the file and press Menu key shortly. Select as "delete" and then press 'select' button, the file is deleted.

6. Snapshot

6-1. Snapshot Screen

You can make a Snapshot through built-in camera.



Icon	Icon Info.	Setting Values
	Flash	Flash On/ Off
	Resolution	SXGA(1280 X 1024) VGA(640X480) QVGA(320 X240)
	Effect	Gives effects on photographing such as, Normal, Solarize (Picturesque), Negative (Film status), Sepia (a bit red), Black & White status.

6. Snapshot

6-2. Take a Picture



Move to Snapshot mode

1. Select Snapshot in main menu.
2. Press Shutter for a moment.



Snapshot

Snapshot is seeing screen beforehand status, if you press shutter or play key you can take a picture. It shows photos taken beforehand and asks whether you will save it. If you want to save it click "Yes" if not click "No". Then it returns to preview status.



Camera settings

You can make camera setting by using ◀ ▶ ▼ ▲ buttons of setting screen in the below end and set desired setting and press shutter. You can take a Snapshot as set in the player.



Image saving

Photographed photos are saved in Snapshot directory in the Image menu. If you want to see the photographed photos then transfer to Snapshot directory and select photo file



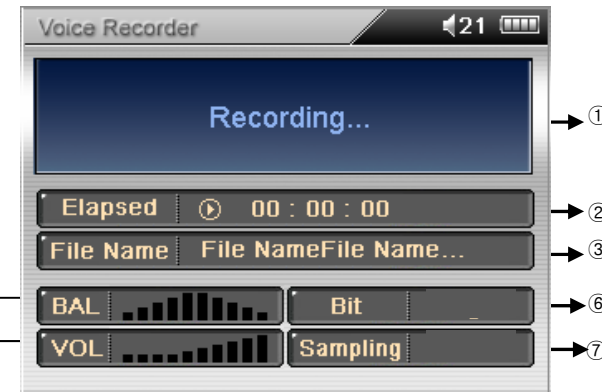
Snapshot completion

To complete snapshot on preview screen then press ■/ESC key. By pressing ■/ESC key, transferring to main screen is possible.

7. Voice Recorder

7-1. Voice recorder screen

- You can record conversation or lectures using built-in microphone.
- Microphone is built-in on the top of main body, so you should use it considering the recording direction. (Refer to the name of each part 2-1.)



1	Display screen Recording : Recording is in processing Ready : Recording standby
2	Time of recording processed
3	Name of recording file
4	Balance indicator of Right & Left
5	Volume status of recording (Mic Gain)
6	Bit rate of recording file
7	Sampling rate of recording file

7. Voice Recorder

7-2. Voice recording



Voice Recorder selection

Transfer to 'Voice Recorder' using Navigation button and click it. By selecting Voice Recorder icon will be highlighted.



Recording standby

By pressing Voice Recorder, voice record standby status (Ready) will be displayed and shifted to recording standby status.



Recording

Under recording standby status, recording will be started by pressing **II▶** button. If you press **II▶** button one more time, it will be paused.



Pause/ Release

Press **II▶** button one more time to pause the screen while playback.
Press **II▶** button again to record from the pause status again.



Completion of recording/ stop

If you press **■/ESC** while recording then all the recorded files will be saved in the Voice folder under Music. By pressing **■/ESC** key it will transfer to main screen.

7. Voice Recorder

7-2. Voice recording

Recorded file playback



Recorded file is saved automatically in the Voice folder under Music folder. At this point press Play or Select key after searching desired file then you can playback the recorded file.

Alteration of Voice Recording Setting



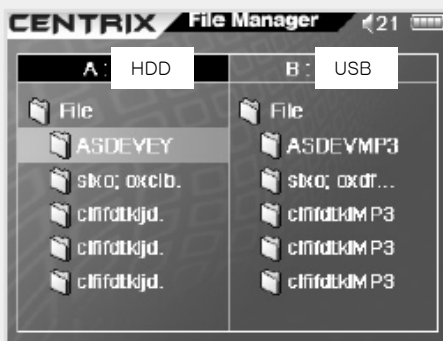
To change recording setting then transfer to setting Menu and set the functions of Voice Recorder. Recording setting switchover while recording is not available.

8. File Manager

8-1. File Manager Screen

- You can transfer and receive data by connecting external storage device (device) with MVP-100(Host)without PC connection. USB speed is USB 1.1.
- File Manager is compatible with external storage device which is formatted as FAT 16/32 file system.

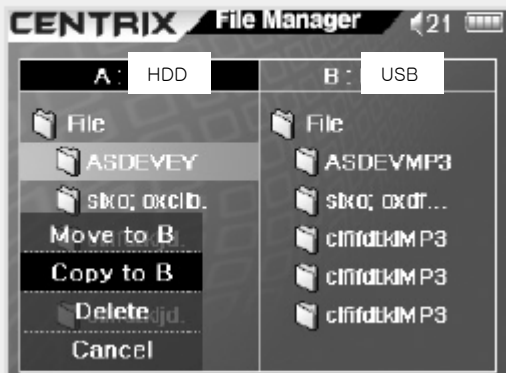
Connecting external storage to USB OTG



MVP-100 is detected as A:HDD.

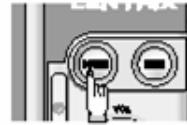
External Storage Device is detected as A:HDD.

Transfer files from the host to device



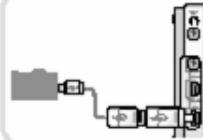
8. File Manager

8-2. USB Host Function



POWER ON

Press the Power button to turn on the power.



Connecting Device

Under all functions of player are stopped, by using USB Host cable connect external storage devices such as digital camera, USB memory Stick to USB Host port.



Selecting File Manager

Put cursor on File Manager and press enter button then a screen showing A:HDD, B:USB will be displayed. If is not correctly connected this screen will not be displayed. Read through above points and connect again.



Selecting Device

Select desired A/B Drive using Navigation button (REW/FF).

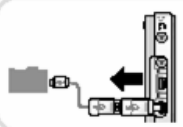
8. File Manager

8-3. Selecting File and Detailed Function



Function completion

Press pause button ■/ESC to complete File Manager function then it will transfer to initial screen.



Cable separation

After completion of function, separate USB cable between player & Device. If it is separated while file transferring or copying, it may cause file damage.



Put cursor on the selected file and press Menu button, then below pop-up will be displayed.

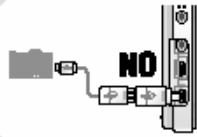
MOVE TO A(B): Transfer selected file to A(B)

COPY TO A(B): Transfer selected file to A(B)

DELETE: Delete selected file.

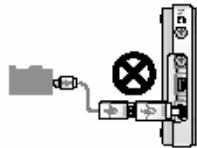
DELETE ALL: Delete all the files within the selected folder.

Release of Device



All the devices (external storage device) which are connected to this product are powered by this product. If connected device has much power consumption, the connection can be released automatically for product safety.

Device connection unavailable



You can connect devices (external storage device) which is detected on PC without separate Application or need no separate Security function. Some digital cameras and USB Flash memory and etc. are not connected. Some device (external storage device) which is connected to this player is detected only when the power itself is on. Before connecting to this player, be sure of the using procedure.

9. Settings

9-1. Setting menu structure

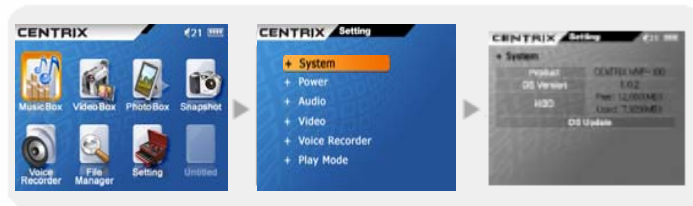


Menu	Function
System	System info. Display
	OS Update
Power	LCD Off
	Power Off
Audio	Speaker
	Amplifier
	Equalizer
	Balance
	Bass Boost

Menu	Function
Video	LCD Brightness
	LCD Contrast
	Saturation
	TV Out
	Size
Voice Recorder	Language
	Sampling Rate
	Bit Rate
Play Mode	Mic Gain
	Repeat
	Caption
	Slide Timer

9. Settings

9-2. System



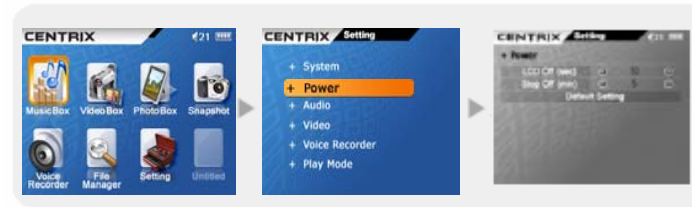
Item	Functions
System info. Indication	Displays the system info. of player. Product name OS version: Shows the Latest update version HDD: Shows the occupied and empty capacity
OS UPDATE	Put the cursor on OS Update and press Select key then updated Firmware version saved in the Root is searched. If there is no Firmware saved, it is indicated that there is no Firmware. If there is a Firmware saved, you will be asked whether you will update Firmware. If you select 'Yes' Firmware update will be processed. Do not operate product during update. After completion of update, power off by pressing power button and reboot the player, then it will be operated as a Firmware updated status.

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The Multimedia Player in my hand, CENTRIX

9. Settings

9-3. Power



Item	Functions
LCD OFF	LCD Off Menu is to set the automatic LCD Off time while pausing and there is no other key operating. LCD is turned off while MP3 playing or voice recording. When key input value is added, LCD is turned on and the setting unit is second. This function is applied for saving battery
POWER OFF	Power Off Menu is to set the automatic Power Off time while pausing and there is no other key operating. The setting unit is minute. This function is applied for saving battery
DEFAULT SETTING	This function is to initialize as a basic setting value. The initial value is as below. LCD OFF: 30 seconds POWER OFF: 10 minutes

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The Multimedia Player in my hand, CENTRIX

9. Settings

9-4. Audio



Item	Functions
SPEAKER	You can turn on/off the built-in speaker. The basic setting is On.
AMPLIFIER	You can set the Gain value of Audio output. The Low is 20mW/C, Middle is 30mW/C and High is 40mW/C.
EQUALIZER	You can set Equalizer as Dance, Classic and etc.
VOLUME	You can set the Audio Volume from 0 to 30.
BALANCE	You can set the Balance of Right/Left audio output. When it is +, the right sound is turned on and for -, the left sound is turned on. When it is 0, the Right/Left output is same.
BASS BOOST	You can set the Audio Bass enhancement.
DEFAULT SETTING	You can initialize as a basic Audio setting value. The basic setting is as below. Speaker: On Amplifier: Middle Equalizer: Standard Volume: 15 Balance: 0, Bass Boost: Linear

9. Settings

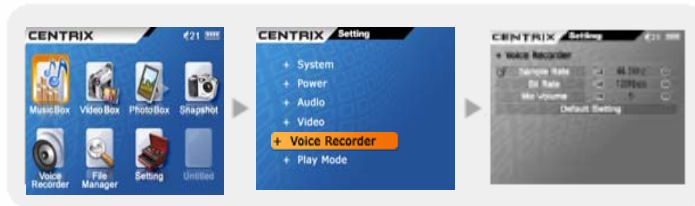
9-5. Video



Item	Functions
LCD Brightness	You can set the LCD brightness. Basic setting is 15.
LCD Contrast	You can adjust the contrast between the color. Basic setting is 15.
TV Out	You can set the video signal output when Video Out is set as TV. NTSC is applied in USA, Canada, Korea, Japan etc and PAL is applied in Europe, Australia etc.
Size	You can set the Video Display size whether you will adjust it to the original resolution or to the Display size. If you set as Screen size, it will be set as the entire size of TV or LCD.
Language	You can set the display languages such as Korean, English and folder name, file name, ID Tag, Sub title is played as setting language.
Default Setting	The basic Video setting value is as below. LCD Brightness : 15, LCD Contrast : 15 Size : Original, Language : English

9. Settings

9-5. Voice Recorder



Item	Functions
SAMPLING RATE	Sampling Rate is to set the sound quality while voice recording. You can select 32KHz & 44.1KHz and with 44.1KHz.
BIT RATE	Bit Rate is to select the compress rate while voice recording. You can select 96Kbps & 128Kbps.
MIC VOLUME	Mic Volume is to adjust the Gain value while recording.
DEFAULT SETTING	You can initialize Voice Recorder setting value. The basic setting value is as below. Sampling Rate: 44.1KHz Bit Rate: 128Kbps Mic Volume: 5

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9. Settings

9-6. Play Mode



Item	Functions
REPEAT	Repeat is to set the playback mode while Music Playing. If you select No: No replay If you select Single: Replay of one song selected If you select Folder: Replay of one folder selected If you select All: Replay of Music folder
CAPTION	Caption is to set the turn on or off of the video file subtitle playback. The subtitle is displayed as the same file name (*.smi) as video file.
SLIDE TIMER	You can set the timer while Slide show playing of Image. You can set from 1 to 10 seconds. It is not playable if you set as 0
DEFAULT SETTING	You can initialize as a basic Play Mode setting value. The basic setting value is as below. Repeat: No Caption: On Slide Timer: 5

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10. Firmware update

- You can upgrade MVP-100 with new OS file.
- Please visit www.centrixclub.com.

1	OS Update File download	When new OS file is released, save it downloaded from web site (www.centrixclub.com). Check the OS version before saving.
2	File Upload	Connect this player to PC with USB Cable. You should connect this player to USB 2.0 jack of PC. When this product is detected as external storage device on PC, save the downloaded OS file to the System folder of player.
3	USB cable separation	Separate USB cable after saving file in System folder.
4	Transfer to System folder	Transfer from main screen to Setting menu. Transfer to System folder after select System folder from setting menu.
5	Update start	Put cursor on OS Update and press Select key then it will start to search OS Update version saved in System folder. If there is no Firmware saved, it is indicated that there is no Firmware. If there is a Firmware saved, you will be asked whether you will update Firmware. If you select 'Yes' Firmware update will be processed. Do not operate product during update.
6	Update completion	After completion of update, power off by pressing power button and reboot the player, then it will be operated as a Firmware updated status. To check that there is no failure in update, transfer to Setting menu and check OS version of System folder. You can check the status of update completion.

11. FAQ

Troubles	Solutions
Can't hear anything from earphones.	<ul style="list-style-type: none"> • Check whether volume is set as 0 or low volume. • Check whether earphones or wire remote controller is plugged firmly.
Nothing is displayed on the LCD screen.	<ul style="list-style-type: none"> • To save the battery if there is no key input while playing audio file the LCD display is automatically turned off. If you press any key then LCD will turn on again. • No image will display if display mode is set as TV out. Power off the player and power on again.
No Sound of Music or Video files	<ul style="list-style-type: none"> • Music file playback is not possible if the file is not supported format in this player or compressed out of specification. • Check supported audio file specification in advance.
Video file does not play properly.	<ul style="list-style-type: none"> • Not supported video file or compressed out of specification, damaged files will not be played. Check supported video file specification in advance. • WMV file or DTS sounded video file is playable with conversion at Media Converter program included in Application CD. • Even it is AVI file, if the video file has Microsoft WMV format, then it can not be played. • When you select video file playback, the initial loading time will be varied according to the kinds of video file.
Photo file does not play properly.	<ul style="list-style-type: none"> • Some image file may not be playable according to the Photo file specification. Check the image file specification of this player.
Video caption does not display.	<ul style="list-style-type: none"> • This product supports only SMI file playback. The subtitle file which has the extension name as .smi should have the same file name as video file and be in the same folder. • Check whether Caption is 'On' in Play Mode. When Caption is 'OFF' caption display is not available.
Remote controller does not operate.	<ul style="list-style-type: none"> • Check whether remote controller Hold key is 'On'. When Hold key is 'On' remote controller does not operate.
Recording is not operated.	<ul style="list-style-type: none"> • There is no source of power or filled with stored data. Check before recording the remaining room for store and organize files.

11. FAQ

Troubles	Solutions
Video caption does not display.	<ul style="list-style-type: none"> This product supports only SMI file playback. The subtitle file which has the extension name as .smi should have the same file name as video file and be in the same folder. Check whether Caption is 'On' in Play Mode. When Caption is 'OFF' caption display is not available.
Remote controller does not operate.	<ul style="list-style-type: none"> Check whether remote controller Hold key is 'On'. When Hold key is 'On' remote controller does not operate.
LCD is repeatedly turned off.	<ul style="list-style-type: none"> LCD off function is designated for extending the playing time. If there is no key input while music playing, recording, viewing photo or USB connecting, the LCD is automatically turned off.
Power is off repeatedly.	<ul style="list-style-type: none"> Power off function is designated for extending the playing time. If there is no key input while playing, the power is automatically off. Press power button to play again.
Player is not detected as an external storage device when it is connected to PC as an USB device.	<ul style="list-style-type: none"> If power is off, the player is not detected. If the power is weak, the player is not detected as an external storage device. Use after recharging or connecting adapter. You should install separate driver under Window 98 version of PC. Install USB 98 Driver in the supplied Application CD. Check whether USB Cable is connected to USB2.0 port. If it is connected to USB Host, correct to connect to USB2.0 port.
Recording is not operated.	<ul style="list-style-type: none"> There is no source of power or filled with stored data. Check before recording the remaining room for store and organize files.

11. FAQ

Troubles	Solutions
External storage device is not detected while connecting to USB HOST.	<ul style="list-style-type: none"> File Manager is compatible with external storage device which is made as FAT 16/32 file system. When connect to PC, some external storage devices such as digital camera, external HDD which are needed of separate Driver or Application are not detected as an external storage device. Digital camera, external HDD which has no power input or source may not be detected. External storage device which has 500mHa or above power consumption is not detected. Some digital camera or same CENTRIX is detected when power on. Check whether USB Cable is connected to USB Host. If it is connected to USB2.0, correct to connect to USB Host.
How can I make the customer register.	<ul style="list-style-type: none"> After purchasing CENTRIX, visit www.centrixclub.com site of each country to subscribe & register under Support section.
Where can I find the serial number?	<ul style="list-style-type: none"> Serial number is pasted on the battery attach part or the side of box.

12. Specification

12-1. General Specifications

Category		Specifications
Storage		20GB 1.8" HDD
Digital Camera		1.3M Pixel Digital Camera with Flash (SXGA 1280 X 960)
Video	LCD	3,5" TFT LCD, QVGA (320 x 240)
	TV Out	NTSC/PAL , D1(720 X 480)
Audio	No. of Channel	Stereo (L+R)
	Frequency Range	20Hz ~ 20KHz
	Headphone Out	40mW(L)+40mW(R) Volume & Amp. (16ohm)
	S/N Ratio	96 dB(MP3)
Video Playable File Format	Direct Play Video Format	MPEG1, MPEG2, MP@ML, MPEG4 SP & ASP, (DivX & XviD with MP3 and AC-3)
	Unplayable Video Format	DivX or XviD video file with QPEL (Quarter Pixel motion) / GMC (Global Motion Compensation)/ DTS Sound encoded, Damaged video files, Video files with unplayable audio format
	Transcoder Video Format*	WMV, ASF
	Playable Audio Format	MP3, AAC, AC-3 AC-3(2ch)
	Resolution	Max. 720 X 480(TV Out)
	Frame Rate	Up to 30fps
	Bit Rate	Video : Max. 4Mbps Audio : Max. 640Kbps
	Caption	SMI Format Supportable
	File Type	MPEG 1/2/2.5 Layer 3, WMA, OGG, AC-3, Low Complexity AAC
Audio Playable File Format	Bit Rate	Max. 320kbps
	Sampling rate	32KHz, 44.1KHz, 48KHz
	Tag	ID3 V1, ID3 V2 2.0, ID3 V2 3.0

12. Specification

12-2. File Playback Specification

Category		Specifications
Speaker		Built-in stereo Speaker
Voice Recorder		Built-In mono Mic
Image Viewer		Baseline (Non-progressive) JPG (Up to 3900 x 2900)
PC Interface		USB 2.0(Device)
		USB 1.1(USB Host)
Operating System	OS	Windows 98 SE/ME/2000/XP
	File System	FAT32 File System
Play Time	Video*	4 Hours 30 Minutes (320X240, 30Frame, Speaker off)
	Audio	10Hours (LCD Off)
Power Supply	AC Adapter	DC 5.0V, 3A
	Built-In battery	3000mAh Lithium Polymer (removable & rechargeable)
General	Dimension	130(W) x 78(H) x 24.5(T)mm
	Weight	Approx. 285g (Battery included)
	Operating Temperature	0°C ~40°C
Accessories & Components		Earphones, Wired remote controller, AV Cable, USB Cable, AC Adapter, Carrying Case, User Manual, Application CD

* WMV video format can be playable through separate video Transcoder program.

* Video Playing time is depending on the file format and bit rate.

* The color of product or Graphic User Interface can be varied.

13. Warranty

13-1. General Warranty Policy

SitecSystem Co., Ltd conducts upon the consumer damage compensation regulation laid down by Consumer protection law replacement & refunds, paid/free A/S of all purchases made from SitecSoft Co., Ltd as below.

1. Warranty period

Product	Warranty period	Remarks
Main body & Remote controller	1 Year	Keeping period of Service components : 5 Years after quit of sales
adapter, Battery	6 Months	
Earphones, Cables	2 Months	
Battery, User Manual, Install CD, Fashion Cover, Arm/Neck string, Gifts	Out of Warranty	

2. Warranty and Refunds range

Please keep the purchasing receipt for the exchange & refund of product as you need to present it in advance. Purchasing receipt is needed to check the product delivery time.

Range of replacements & refunds	Dead On Arrival or damaged In Transit
	Incorrectly shipped
Range of no replacements & refunds	1 month passed after delivery of product in full working condition
	Voluntarily Disassembling or remodeling by customer
	Damage or breakage through unsuitable handling by customer
	Change of mind

13. Warranty

3. Range of customer fault

We will request you some repair cost or can provide you limited warranty service & paid replacement against below mentioned customer faults. Also as for below cases, the freight costs will be charged to you.

- Corrosion caused by water or objects
- Defect caused by misuse or unsuitable operation
- Voluntarily disassembling or remodeling
- Defect caused by impact
- Defect caused by misuse of peripherals which are not supplied by SitecSystem Co., Ltd
- Situation which is acknowledged as user's fault
- Invisible to check the product info. owing to the damage of product number.
- Presents no purchasing receipt against replacements or refunds

FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This Device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

- 1.1. Reorient or relocate the receiving antenna.
- 1.2. Increase the separation between the equipment and receiver.
- 1.3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.
- 1.4. Consult the dealer or experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority operate the equipment.