

# MINOX

## DMP3

Instruction manual

# Preface

This user's manual describes the operation of the product and application notices.

To fully appreciate and optimize the features of this product, we recommend that you read this entire manual before using the product. After reading, keep this manual handy for future reference.

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# List of Accessories

MP4 Player

Battery

User's manual

Driver CD

Earphone

USB cable

A/V cable

# Product Introduction

Power button

Hold switch

Mode button

Menu button

Vol+

Vol-

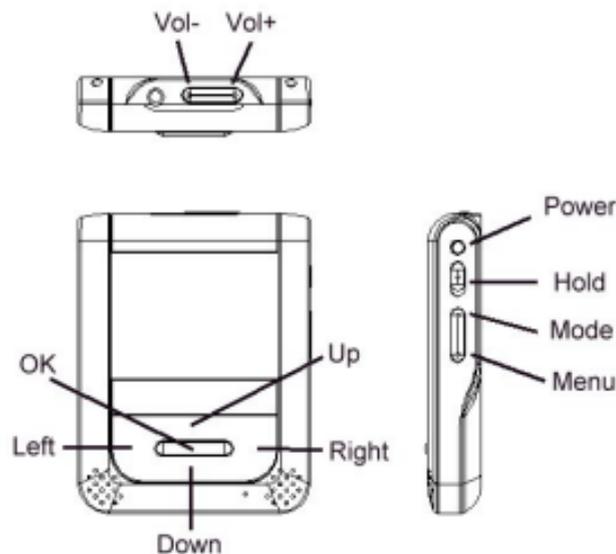
OK button

Up button

Down button

Left button

Right button



# **Description**

## **Battery Installation / Removal**

Suggest using two hand to push the battery cover and open it then install the battery. The metal contact end of the battery should face left, slide the battery into the bay with 45 degree slant angle, then push the entire battery into the bay. When the battery is in the proper position, replace the cover.

## **Recharge the Battery**

Be sure to turn off the power when charging the battery.

Plug the USB end of the connection cable into the socket of the PC/MAC and plug the mini USB end of the cable into the USB port of the unit. The red backlight will turn on when the battery is being charged.

## **Charging the Battery**

The property of each lithium ion battery varies slightly. To optimize battery power, this product uses state-of-the-art intelligent battery management technology to achieve maximum power supply time.

**Notice:** When using a new battery for the first time, make sure to fully deplete (the product will shut down automatically if there is no power) it before recharging. This product will automatically memorize the properties of this battery and save its relevant battery power information. By following these instructions, you will obtain optimum battery usage conditions.

For the first time, suggestion that you charge the battery for more than 4 hours.

## **Installing/Removing the Memory Card**

The memory card slot is located on the side of this product. Push the memory card into the slot according to the marking on the unit.

To remove the memory card, just press the memory card to eject it automatically.

## **Power Button**

Power On /Off

Power On: When power off, pressing and holding this button to turn on the unit, the screen will display start-up menu.

Power Off: When power on, pressing this button less than 1 second, the unit will turn off.

Caution! during power off, the unit will stop all actions and finish the memory writing before the shut down.

## **Hold switch**

Slide the switch to 'ON' to enable key lock. Slide the switch to 'OFF' to disable key lock.

## **Mode button**

When you press the Mode button, the screen will display 8 options:

- Media Browser
- Music
- Photo
- Movie
- Recorder
- AV in
- Memory
- Setup

**Menu button**

Press to show the available items or options.

**Vol+**

Press and hold to increase the volume.

**Vol-**

Press and hold to increase the volume.

**OK button**

Press to select the highlighted function or item.

In music and movie modes, press this button to start playing and press the button again to pause.

In AV in or Recorder, press In Photo mode, press this button to start recording and press the button again to stop.

**Up button**

The current selection will move upward.

**Down button**

The current selection will move downward.

**Left button**

During the playing of movie, press this button to fast backward.

In the mode of music, movie and photo, press this button to select back the previous item.

**Right button**

During the playing of movie, press this button to fast forward.

In the mode of music, movie and photo, press this button to select back the next item.

# Media Browser

Provide the browse of the media files with extensions, AVI, MP3, WAV and JPG.



## Selecting files in File Browser

Press Up and Down button to switch between different files/folders. Press the OK button to select the highlighted file/folder. When the file is Photo, it will be shown.



### Switching back to File Browser

Press the Left or Right button to switch back to the file browser. When playing movie or music file, stop the playback before switching back to the file browser.

### Play the movie or music file

Press the OK button once to play and press it again to pause.

### Volume Up/Down

Press the Vol+ button to increase the volume.

Press the Vol- button to decrease the volume.

### Fast Forward when playing movie file

Press the right button once to activate fast forward function and press it again to return to normal mode.

### Fast Backward when playing movie file

Press the left button once to activate fast backward function and press it again to return to normal mode.

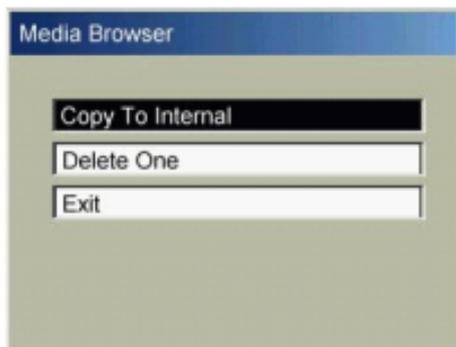
### Preparation before playing the movie file in the media player

To ensure the MP4 file can be played properly, user should use the Media Converter application software in the driver CD to convert the source file before playing in the media player

### Menu Settings

Press the menu button to open the menu. For file items, there are 3 options in the browser menu

- Copy to Internal
- Delete One
- Exit



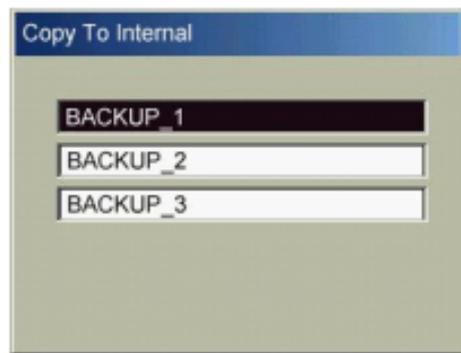
Press Up and Down Button to switch between different options. Press the OK button to select the highlighted option.

#### Copy to Internal

Press Up and Down button to switch among the three folders of the internal flash memory:

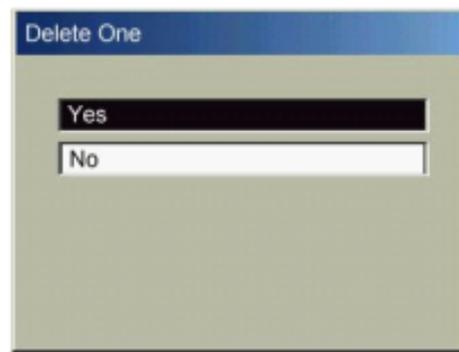
- BACKUP\_1
- BACKUP\_2
- BACKUP\_3

Press the OK button to select the highlighted folder.



1. During the copying process, do not remove the memory card since it will cause the file copy process to fail.
2. The system will first determine the file size that is to be copied. If the memory space is not sufficient, the system will automatically determine that the copy cannot proceed and show the error message.
3. The file copy process will take several seconds, depending on the file size to be copied.

Delete One



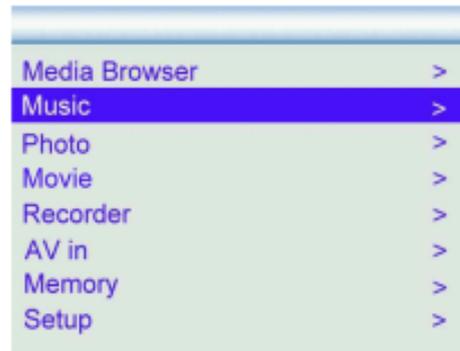
Press Up and Down button to switch between Yes and No. Press the OK button to select the highlighted option.

Exit

Return to the previous screen.

# Music

Only files with extension : MP3 & WAV can be browsed.



## Music Format Support

Either files in MP3 format or WAV which recorded by the player are supported.

## Selecting music files in File Browser



Press Up and Down button to switch between different files. Press the OK button to select the highlighted file and the selected file will be played.

#### Play/Stop the music file

Press the OK button once to play and press it again to stop.

When playing, the LCD display will turn off if no key pressed for 10 sec. Press the menu button to turn on the display.

#### Switching file when Music Playback

Press Left and Right button to switch to previous and next file.

#### Volume Up/Down

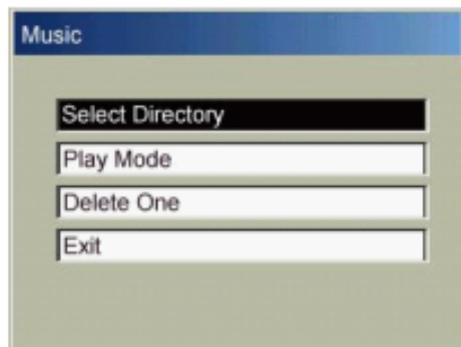
Press the Vol+ button to increase the volume.

Press the Vol- button to decrease the volume.

#### Menu Settings

Press the menu button to open the menu. There are 4 options in the photo menu

- Select Directory
- Play Mode
- Delete One
- Exit

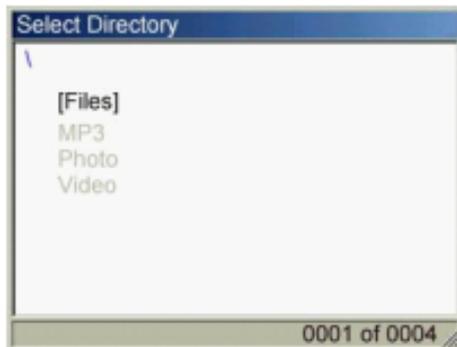


Press Up and Down button to switch between different options. Press the OK button to select the highlighted option.

### Select Directory

Press Up and Down button to switch between different directories. Press the OK button to enter the selected directory.

To view the file list in the current directory, select the item [Files] and press the OK button.



### Play Mode

There are 3 options in play mode menu

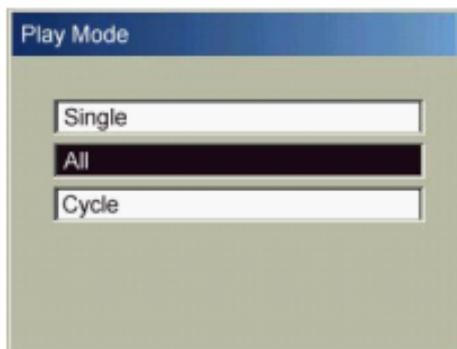
- Single
- All
- Cycle

Press Up and Down button to switch between different options. Press the OK button to select the highlighted option:

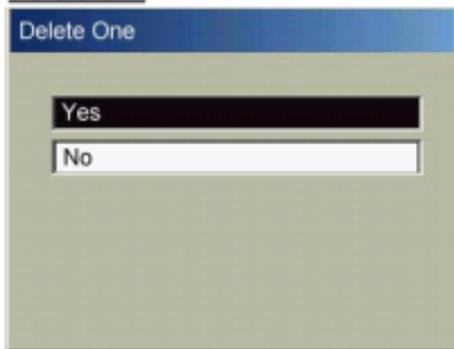
Single: The current selection will play once only.

All: All music files in the current directory will play once.

Cycle: All music files in the current directory will be play and loop forever until the battery low is detected.



### Delete One



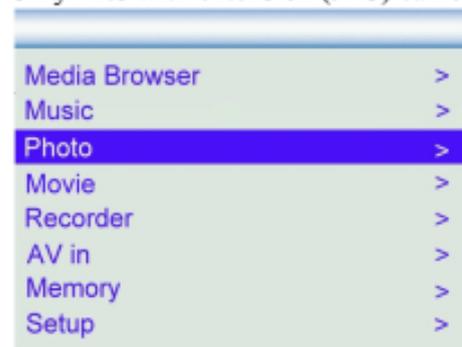
Press Up and Down button to switch between Yes and No. Press the OK button to select the highlighted option.

### Exit

Return to the previous screen.

# Photo

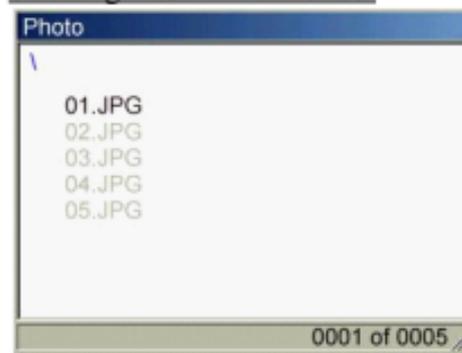
Only files with extension (JPG) can be browsed.



## Format Support

Only files in JPEG compressed data, baseline YUV 4:2:2 format is supported.

## Selecting files in File Browser



Press Up and Down button to switch between different files. Press the OK button to select the highlighted file and the selected photo will be shown.

To change directory, please see the menu settings parts on how to operate.

### Switching JPEG file when Photo Playback

Press Left and Right button to switch to previous and next photo.

### Menu Settings

Press the menu button to open the menu. There are 4 options in the photo menu

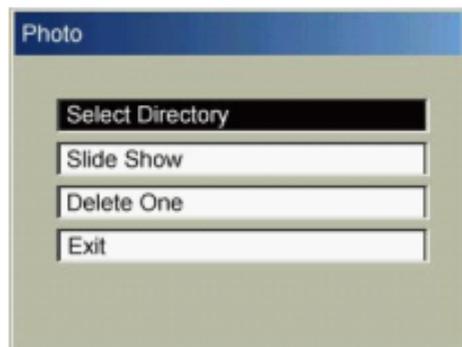
- Select Directory
- Slide Show
- Delete One
- Exit

Press Up and Down button to switch between different options.  
Press the OK button to select the highlighted option.

### Select Directory

Press Up and Down button to switch between different directories.  
Press the OK button to enter the selected directory.

To view the file list in the current directory, select the item "Files"  
and press the OK button.



### Slide Show

There are 3 options in slide show menu

- Single
- All
- Cycle

Press Up and Down button to switch between different options.  
Press the OK button to select the highlighted option:



Single: The current selection will play once only.

All: All music files in the current directory will play once.

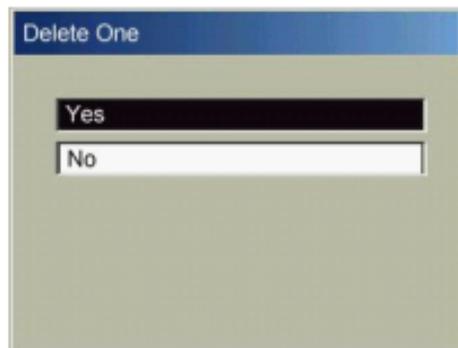
Cycle: All music files in the current directory will be play and loop forever until the battery low is detected.

### Delete One

Press Up and Down button to switch between Yes and No. Press the OK button to select the highlighted option.

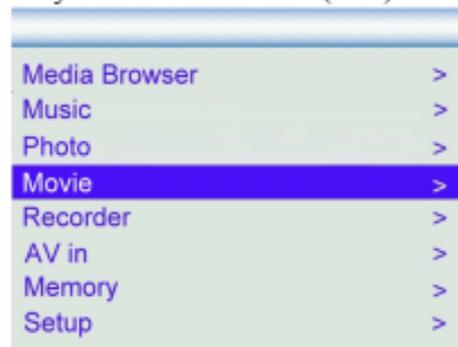
### Exit

Return to the previous screen.



# Movie

Only files with extension (AVI) can be browsed.



## Movie Format Support

Only files in AVI with Zoran MPEG 4 format is supported.

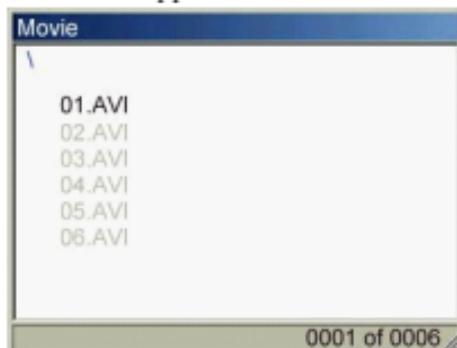
## Preparation before playing the movie file in the media player

To ensure the MP4 file can be played properly, user should use the media converter application software in the driver CD to convert the source file before playing in the media player.

## Selecting movie files in File Browser

Press Up and Down button to switch between different files. Press the OK button to select the highlighted file and the selected movie will be shown.

To change directory, please see the menu settings parts on how to operate.



### Switching movie file when movie playback

Press Left and Right button to switch to previous and next movie when the movie is not playing.

### Play the movie file

Press the OK button once to play and press it again to pause.

### Volume Up/Down

Press the Vol+ button to increase the volume.

Press the Vol- button to decrease the volume.

### Fast Forward when playing movie file

Press the Right button once to activate fast forward function and press it again to return to normal mode.

### Fast Backward when playing movie file

Press the Left button once to activate fast backward function and press it again to return to normal mode.

### Menu Settings

Press the menu button to open the menu.

There are 3 options in the video menu

- Select Directory
- Delete One
- Exit

Press Up and Down button to switch between different options.

Press the OK button to select the highlighted option.

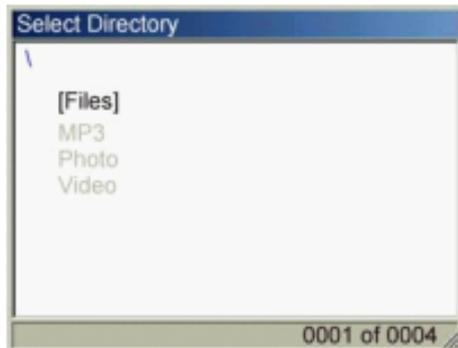


### Select Directory

Press Up and Down button to switch between different directories.

Press the OK button to enter the selected directory.

To view the file list in the current directory, select the item “Files” and press the OK button.

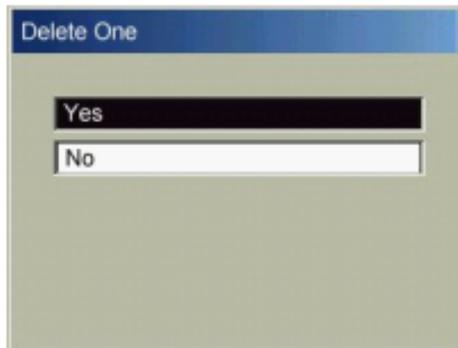


### Delete One

Press Up and Down button to switch between Yes and No. Press the OK button to select the highlighted option.

### Exit

Return to the previous screen.



# Recorder

Record internal, external MIC or Audio signals. And the adjustment of recording quality is provided. When the plug is detected, the record will switch to the external source. Without the plug, the internal MIC will be used.



## Record a voice

Press the OK button once to start the recording and press it again to stop.

Press the down button once to pause and press it again to resume.

## Menu Settings

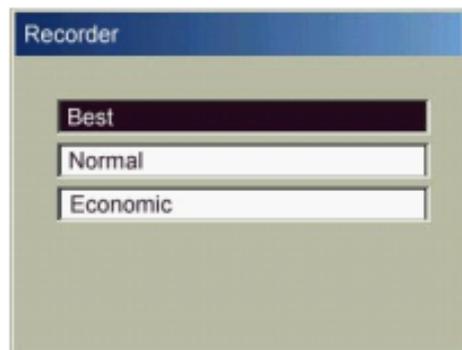
During stop, press the menu button to open the menu.

There are 3 options in the record menu

- Best
- Normal
- Economic

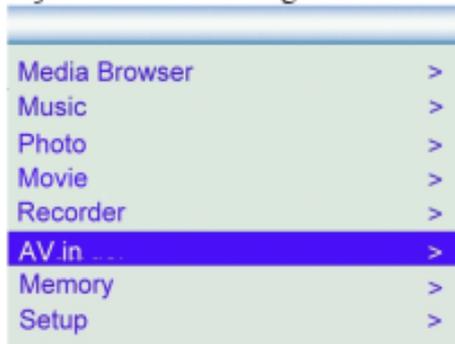
Press Up and Down button to switch between different options.

Press the OK button to select the highlighted option.



## AV-IN

After the proper AV signal is inserted in the Jack, the received signal will shown on the LCD panel. And the adjustment of recording audio and video qualities are provided.



### Record a movie

Press the OK button once to start the recording and press it again to stop.

Press the down button once to pause and press it again to resume.

### Menu Settings

During stop, press the menu button to open the menu.

There are 2 options in the Video Menu

- Video Quality
- TV Format

Press Up and Down button to switch between different options.

Press the OK button to select the highlighted option.



### Selecting Video Quality

There are 5 options in the video menu

- Best
- Fine
- Normal
- Basic
- Economic

Press Up and Down button to switch between different options.  
Press the OK button to select the highlighted option.



### TV Format

There are 2 options in the video menu

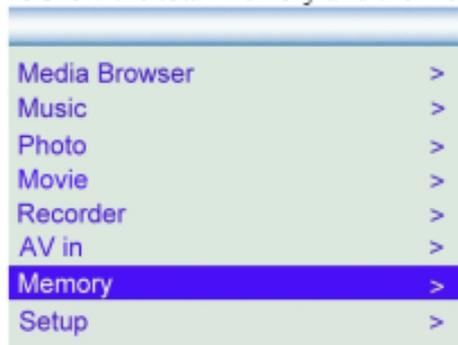
- NTSC
- PAL

Press Up and Down button to switch between different options.  
Press the OK button to select the highlighted option.



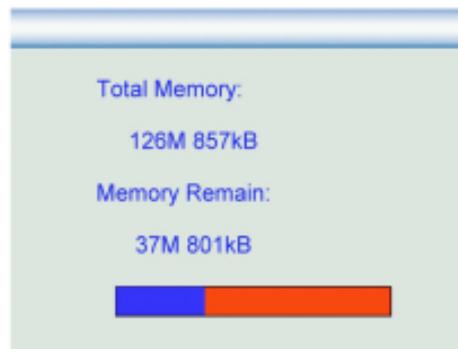
# Memory

To show the total memory and the memory used.



Without SD Card in the player, it is the internal memory.

When SD Card is inserted, only the SD memory will be shown.



# Setup



There are 4 options in the setup menu

- Format
- TV Format
- Auto Off
- Language

Press Up and Down button to switch between different options.  
Press the OK button to select the highlighted option.



### Format

Press Up and Down button to switch between Yes and No. Press the OK button to select the highlighted option.

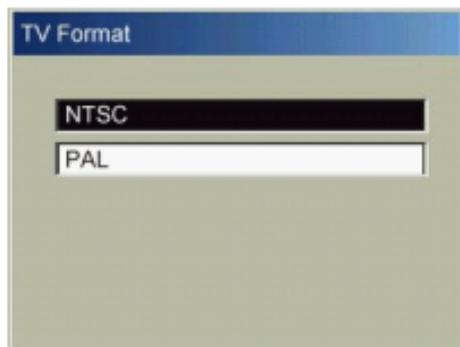


### TV Format

There are 2 options in the video menu

- NTSC
- PAL

Press Up and Down button to switch between different options.  
Press the OK button to select the highlighted option.



### Auto Off

Press Up and Down button to switch among:

- 60 sec
- 120 sec
- 180 sec
- Off

Press the OK button to set the auto off time.



### Language

The media player supports 7 languages. They are:

- English
- French
- Turkey
- Italian
- German
- Spanish
- Portuguese

Press Up and Down button to switch between languages. Press the OK button to set the language.



## **USB mass storage**

When the media player is turned on, just plug in to the computer, it will become a portable disk.

## **Charging the battery**

When the media player is turned off, plug in to the computer, the internal battery will automatically charging through the USB power.

When charging, the battery is fully charged when the red LED light for one second and then turns off.

If the battery is charged at the first time, please ensure that the battery have installed properly and it is required to charging the battery for at least 4 hours to make sure that the battery is fully charged.

During the charging of the battery for a whole, continuously for 30 minutes, the player will produce some heat, which is a normal phenomenon.

## Specification

LCD Display	2.5" LTPS (Low Temperature Poly Silicon) TFT LCD 24 bits color (960 x 240 pixel)
Interface	Mini USB, Video Out, Ear Phone Jack, Speaker, Microphone
Video out	TV Out (NTSC / PAL)
Storage Media	SD/MMC Card (32MB ~ 1GB)
Image Format	JPEG (baseline YUV 4:2:2)
Video Recording	AVI (MPEG4)
Voice Recording	WAV
AV-In Recording	AVI (MPEG4)
MP3 Playing	MP3
Power Specification	
Battery	Li-Ion BLB-2 1000mAh Battery
Product Dimension	
Weight(g)	approx. 69g
Length	90 mm
Width	70 mm
Height	16.2 mm

## Troubleshooting

You can troubleshoot the following problems that may occur while using this product:

### **Cannot turn on this product.**

Make sure that the battery is fully charged and inserted properly.

**Cannot use the inserted SD/MMC card.**

If you cannot use the SD/MMC card after inserting the card, please check the following:

1. If the SD/MMC card is damaged, please replace with a new one. Usually it is due to a bad controller chip inside the SD card.
2. If the file in the SD/MMC card is damaged, please enter into Setup mode. Select “Format” to reformat the SD/MMC as FAT16.

**Cannot connect to the PC, cannot use USB flash disk.**

Check if the USB cable is properly connected.

We recommend that you use the USB cable that comes with this product.

What can I do if the system freezes during use?

Improper operation may cause the player product to freeze. If you cannot restart or shut down, remove the battery slot cover and re-install the battery. Restart to eliminate this problem.

**Battery issue**

If the battery icon blinks when the machine is on, it means that the battery is low. Please recharge the battery or replace with another one.

The player is bundled with a high-quality battery. When a new battery is purchased, it is recommended buying the one with the same quality to maintain good operations of this unit.

Also it is not recommended using a low-priced handset charger to charge this battery. Some electric appliances are not protected by an overload design and will shorten the battery life.

**Appearance issue**

Disassembling the housing of the player is prohibited. No free warranty service will be provided once the housing is disassembled. Do not apply too much force on the LCD since the product will be damaged.

Design subject to alterations without notice.

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