

# MINOX

Instruction Manual

**DMP3 + DMP4**

Further languages are available under [www.minox.com](http://www.minox.com)

## **Preface**

Congratulations on the purchase of your MINOX DMP

With the DMP you have chosen a product that features highest precision and maximum quality. This User Manual explains how to use the different functions and will help you get the very best results from your product.

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

We hope you will have a lot of fun with your MINOX DMP!

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## **Privacy**

Do not use this product to shoot images that will infringe upon other people privacy or in places that prohibit the use of photographic equipment and materials.

## **Protection and safety**

Handle this product with care at all times. Severe impact or dropping of the product may cause damage.

In case of damage, only allow qualified personnel to repair this product. Never attempt to open or disassemble the product, otherwise you will void your warranty.

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- We reserve the right to make changes to the content of this manual at anytime without notice.
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We have endeavoured to make the content of this manual as complete and comprehensive

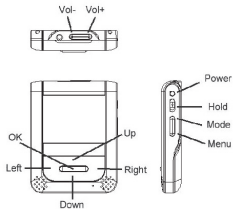
as possible, should, however any information be erroneous or missing, please contact us immediately.

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## Product Introduction

Power button  
Hold switch  
Mode button  
Menu button  
Vol +  
Vol -  
OK button  
Up button  
Down button  
Left button  
Right button



## Description

### Rechargeable battery Installation / Removal

Using both hands hold the DMP with the back facing up. Now remove the battery slot cover by sliding it down with both thumbs. Insert the rechargeable battery with the metal contact end facing left. Slide the rechargeable battery into the bay at a 45 degree slant angle, then push the entire rechargeable battery into the bay. When the rechargeable battery is in the proper position, replace the cover.

## **Recharging the Rechargeable battery**

### **Charge the rechargeable battery for at least 4 hours prior to initial use.**

The rechargeable battery is charged automatically when you connect the product to your computer. Be sure to turn off the power of the DMP before charging.

Plug the USB end of the connection cable into the USB socket of your computer and plug the mini USB end of the cable into the USB port of the DMP. The red lamp next to the USB port of your DMP will light up while the rechargeable battery is being charged.

### **Battery power**

The properties of lithium ion batteries vary slightly during the service life. To optimize battery power this product uses state-of-the-art technology for intelligent battery management and maximum duration of the power supply.

**Note:** Insert the battery as described and charge it using the power pack or with the USB cable until fully charged. Your computer must be switched on to charge the battery via the USB cable.

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

The memory card slot is located on the left side of the product. Push the memory card into the slot slowly as shown by the marking on the product until it engages.

To remove the memory card, just press the memory card into the slot until it disengages and ejects automatically.

## **Power Button**

Power On: Hold the power button in depressed position until the screen starts up and displays the Main Menu.

Power Off: Hold the power button in depressed position for at least 2 seconds – the DMP then switches off.

**Caution! during the switch-off procedure the product will stop all actions and complete the data save before switching off completely.**

## **Hold switch**

The slide switch locks all controls of the DMP to avoid unintentional button operation

Slide the switch to the left (position “HOLD”) to activate key lock.

Slide the switch to the right to disable key lock.

## **Mode button**

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

- Media Browser
- Music
- Photo
- Movie
- Recorder

- A/V In
- Memory
- Setup

Press the Mode button to return from the respective mode to this display

### **Menu button**

Press to show the available menu items or options

### **Vol+**

Press and hold to increase the volume.

### **Vol-**

Press and hold to reduce the volume.

### **OK button**

Press to select or activate the highlighted menu item.

In Photo mode press the OK button to display a selected photo in the display.

In Music and Movie modes press the OK button to start playing and press the button again to stop.

In A/V or Recorder mode press the OK button to start recording and press the button again to stop.



## Up button

Press the Up button to move the selection upward.

## Down button

Press the Down button to move the selection downward.

## Left button

Press the Left button to rewind when playing movies.

In the mode for Music, Movie and Photo, press this button to select the previous item again.

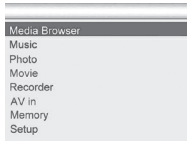
## Right button

Press the Right button to forward wind when playing movies.

In the mode for Music, Movie and Photo, press this button to select the previous item again.

## Media Browser

Finds the media files with extensions, AVI, MP3, WAV, WMV and JPG.



### Selecting files in Media Browser

Press Up or Down button to change between different files/folders.  
Press the OK button to select the highlighted file/folder. If the file is a photo image, this will be displayed

### Switching back to Media Browser

Press the Left or Right button to switch back to the Media Browser.  
If you are playing a movie or music file, stop the playback before switching back to the file browser



### Playing a movie or music file

Press the OK button once to start the playback 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

### Forward wind when playing a movie

Press the Right button once to activate Forward Wind function and press it again to start Fast Forward.

Press the Right button again to return to normal mode

### Rewind when playing a movie

Press the Left button once to activate the Rewind function and press it again to start the Fast Rewind.

Press the Left button again to return to normal mode

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

To ensure the MP4 file can be played properly, use the program MEDIA CONVERTER on the Driver CD to convert the source file before you play it in the media player

### Menu Settings

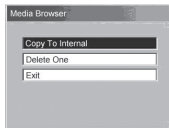
Press the Menu button to open the Menu. The Browser Menu has 3 available options for files

Copy to Internal (this option is only available when a SD card is used)

Delete One

Exit

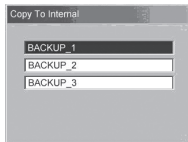
Press Up or down button to switch between different options. Press the OK button to select the highlighted option.



### Copy to Internal

Press Up or down Button to switch between the three folders of the internal flash memory:

- Backup\_1
- Backup\_2
- Backup\_3

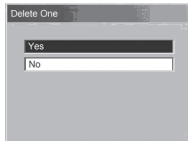


Press the OK button to select the highlighted folder.

1. Do not remove the flash memory card during the copying process as otherwise it will cause the process to fail.
2. The system will first determine the file size to be copied. If there is not enough memory space the system will automatically terminate the copying process and show an error message
3. The file copy process can take several seconds, depending on the file size to be copied.

### Delete One

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



### Exit

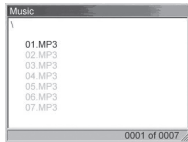
Select this option to return to the previous screen

## Music

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

### Music Format Support

Both files in MP3 format or WAV files recorded by the player are supported



### Selecting music files in File Browser

Press Up or Down button to switch between different files. Press the OK button to select and play the highlighted file

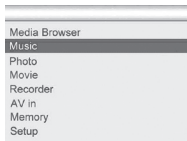
### Play/Stop Music

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

If no button is pressed for 10 sec. during play the LCD display switches off. Press the Menu button to switch the display back on.

### Changing music track during playback

Press Left or Right button to switch to Previous or Next track



### Volume Up/Down

Press the Vol+ button to increase the volume

Press the Vol- button to decrease the volume

### Menu Settings

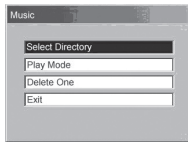
Press the Menu button to open the Menu. There are 4 options in the Music Menu

Select Directory

Play Mode

Delete One

Exit



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

### Select Directory

Press Up or 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 the Play Mode Menu

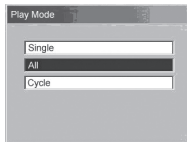
- Single
- All
- Cycle

Press Up or 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 play in loop function until the rechargeable battery is on low.

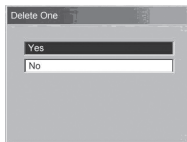


### Delete One

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

### Exit

Select this option to return to the previous screen

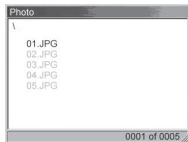


## Photo

Only files with the extension JPG can be displayed.

### Photo Format Support

Only files in JPEG compressed data, baseline YUV 4:2:2 format get support



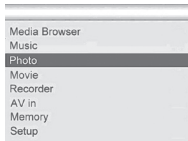
### Selecting files in File Browser

Press Up or Down button to switch between different files. Press the OK button to select the highlighted file and show the selected photo.

To change directory refer to "Menu Settings" in the User Manual

### Switching JPEG image while photo is displayed

Press Left or Right button to switch between 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 or Down button to switch between different options. Press the OK button to select the highlighted option



## Select Directory

Press Up or down Button to switch between different directories. Press the OK button to open the selected directory.

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

### Slide Show

There are 3 options in the Slide Show Menu

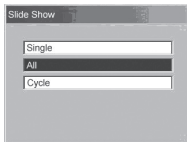
- Single
- All
- Cycle

Press Up or down Button to switch between different options. Press the OK button to select the highlighted option:

Single: The selected photo is displayed

All: All Photo files in the current directory are shown one after the other

Cycle : All photo files in the current directory are shown one after the other and loop continuously until the rechargeable battery is on low.

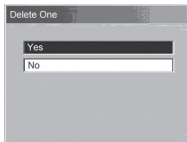


### Delete One

Press Up or down Button to switch between Yes and No. Press the OK button to select the highlighted option

### Exit

Return to the previous screen



## Movie

Files with extension (.AVI) can be displayed.

### Movie Format Support

Files in AVI with Zoran MPEG 4 format supported

### Preparation before playing movie in the media player

To ensure the MP4 file can be played properly use the Media Converter on the Driver CD to convert the source file before playing it in the media player

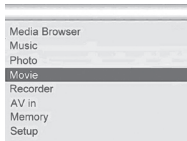
### Selecting movie files in File Browser

Press Up or 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, refer to Menu Settings in the User Manual

### Changing the movie during movie playback

With the movie stopped, press Left or Right button to switch to Previous or Next movie



### Playing the movie

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

### Forward Wind when playing movie

Press the Right button once to activate Forward Wind function and press it again to start Fast Forward. Press the Right button again to return to normal Play mode

### Rewind when playing movie

Press the Left button once to start the Rewind function. Press it again to start Fast Rewind. Press Left button again to return to normal Play mode

### Menu Settings

Press the Menu button to open the Menu. There are 3 options in the Movie Menu

Select Directory

Delete One

Exit



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

### Select Directory

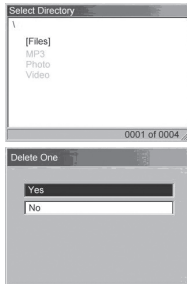
Press Up or Down button to switch between different directories. Press the OK button to open the selected directory.  
To view the file list in the current directory select the item "Files" and press the OK button

### Delete One

Press Up or down Button to switch between Yes and No. Press the OK button to select the highlighted option

### Exit

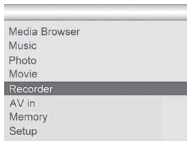
Select this option to return to the previous screen



## Recorder

You can record audio signals with the built-in or external microphone or with an other external device. The recording quality can be adjusted.

If an external signal source is connected this is recognized and recorded by the recorder. If there is no external signal source connected the internal microphone will be used.



### Record a voice

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

### Menu Settings

With the recorder stopped, press the Menu button to open the menu.

There are 3 options in the Recorder Menu

Fine

Normal

Economic



Press Up or down Button to switch between different options. Press the OK button to select the highlighted option.

## AV-IN

After connection of a suitable AV transmitter in the jack the received signal will be shown on the LCD panel. You can adjust the desired recording quality for audio and video.

### Recording 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 recording.

### Menu Settings

When recording is not active press the menu button to open the menu.

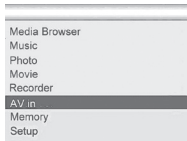
There are 3 options in the Video Menu

Video Quality

TV Format

Exit

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



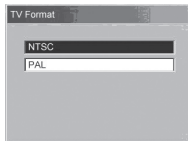
### TV Format

There are 2 options in the Video Menu

NTSC

PAL

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

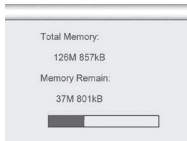
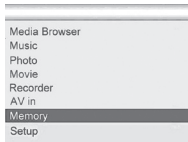




## Memory

Shows the total memory and the memory used.  
Without SD Card in the player it shows the internal memory.

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



## Setup

There are 5 options in the Setup Menu

Format

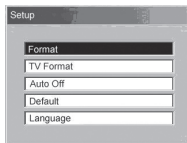
TV Format

Auto Off

Default

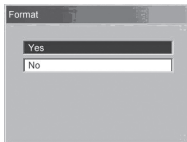
Language

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



## Format

With the Format function you can delete (format) the memory. Press Up or Down button to switch between Yes and No. Press the OK button to select the highlighted option



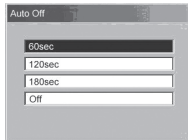
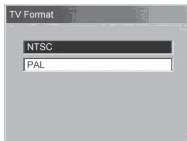
## TV Format

There are 2 options in the Video Menu

NTSC

PAL

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



## Auto Off

Press Up or Down button to switch between:

- 60sec
- 120sec
- 180sec
- Off

Press the OK button to store the selected auto off time

### Default

With the reset" function your can reset all settings of the product to the status on delivery. Press the Up or Down button to switch between Yes and No. Press the OK button to selected the highlighted option

### Language

The media player supports the following languages:

English

French

Turkey

Italian

German

Spanish

Portugese

Chinese (T)

Chinese (S)

Japanese



Press Up or 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 using a USB cable and it will be recognized as a portable disk.

## Charging the rechargeable battery

When the media player is turned off, connect to the computer using a USB cable. The internal rechargeable battery will be automatically charged through the USB power.

The rechargeable battery is fully charged when the red LED lights up for one second and then extinguishes.

If the rechargeable battery is being charged for the first time, make sure that you have installed it correctly. When charging for the first time the rechargeable battery charging should last for at least 4 hours to ensure that the rechargeable battery is fully charged.

During continuous charging of the rechargeable battery for 30 minutes and longer the media player will generate some heat. This is a normal phenomenon.

## Technical Data

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 In, Video out	TV Out (NTSC / PAL)
Internal memory	128MB (DMP3) 2 GB (DMP4)
Storage Media	SD/MMC Card (32 MB up to 4 GB)
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 rechargeable battery (BLB-2 1000 mAh)
Product Dimension	
Weight(g)	approx. 2.43 oz (without battery)
Length	90 mm
Width	70 mm
Height	162 mm
System Requierments:	
PC	Microsoft Windows ME/200/XP Intel Pentium III, 450 MHz or higher 256 MB RAM (recommended) USB 1.1 port (USB 2.0 recommended) 200 MB free hard disc space
Mac	Mac OS 9; Mac OS X 10.x 500 MHz Power PC G3 or higher 256 MB RAM (recommended) USB 1.1 port (USB 2.0 recommended) 200 MB free hard disc space

Note: The Media Conversion Programm does not support Mac OS

## **Troubleshooting**

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

### Cannot switch on the product.

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

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

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

1. If the SD/MMC card is damaged, replace with a new one. Problems are usually due to a faulty controller chip in the SD card.
2. If the file in the SD/MMC card is damaged, go to Setup mode, Select "Format" to reformat the SD/MMC.

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

Check that the USB cable is properly connected. We recommend using the USB cable provided with this product. If your PC uses the Windows 98 operating system, you must install the Windows 98 driver from the CD.

### What can I do if the system freezes during use?

Improper operation may cause the operating system to freeze. If you cannot restart or shut down, open the battery slot cover, remove the rechargeable battery and then re-insert the rechargeable battery. Restart to eliminate this problem.

### **Rechargeable battery information**

If the battery icon flashes while the product is switched on, this means that the rechargeable battery is low. Recharge the rechargeable battery or replace with a new one.

The player comes with a high quality rechargeable battery. When purchasing a new rechargeable battery we recommend buying one of the same quality to maintain maximum product performance.

We also recommend NOT to use a low-priced charger to charge this rechargeable battery as some appliances do not feature an overload protection and this could lead to reduced rechargeable battery life.

### **Notes on Warranty**

It is not permitted to open the housing of the player. If you open the housing the warranty shall be null and void. Do not apply too much pressure to the LCD display as this will otherwise damage the product.

Design subject to alterations without notice.

MINOX is a registered trademark of MINOX GmbH, Wetzlar.

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