MINOX

Instruction Manual

DMP3 + DMP4

Further languages are available under **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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Usage

MINOX GmbH, Wetzlar shall not be liable for any problems / damages which occur in connection with the use of this product / the recordings or playback.

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.

- Unauthorized reproduction or transfer of this user manual as a whole or in part is strictly prohibited.
- We reserve the right to make changes to the content of this manual at anytime without notice.
- We recommend that you store important data separately. Memory data may be lost or changed under certain circumstances.

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We have endevoured 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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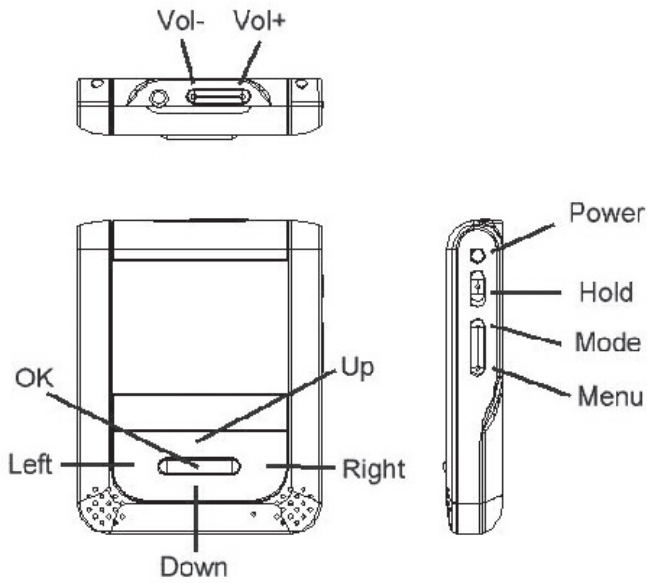
Product Introduction

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

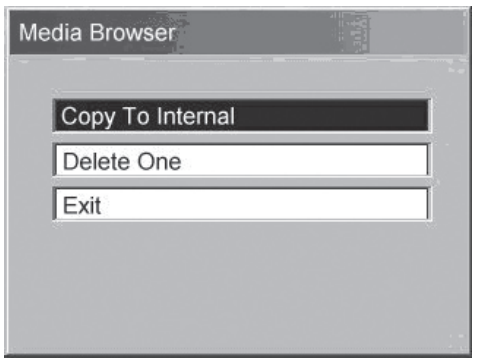
Menu Settings

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

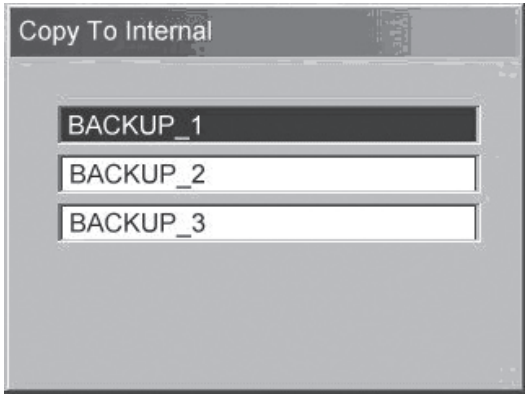


Press Up or down button to switch between different options. Press the OK button to select the highlighted option.

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

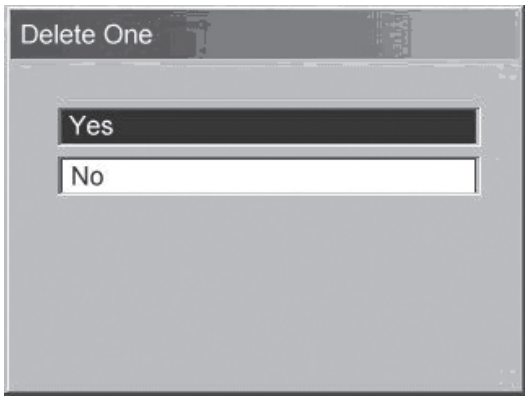


Press the OK button to select the highlighted folder.

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

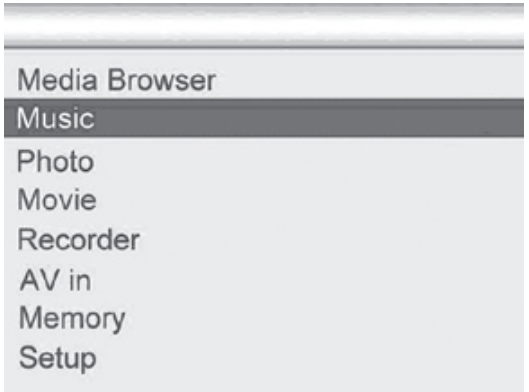


Exit

Select this option to return to the previous screen

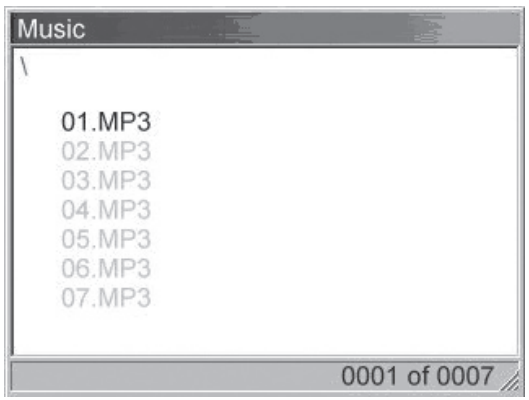
Music

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

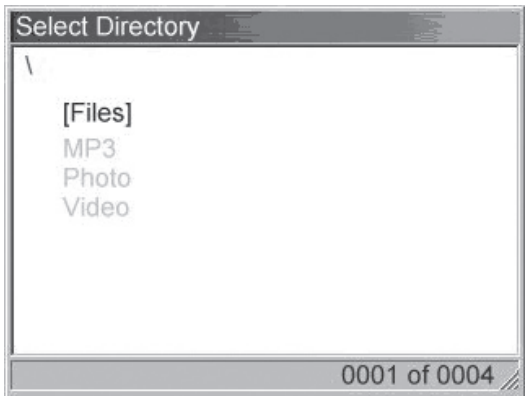
Menu Settings

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

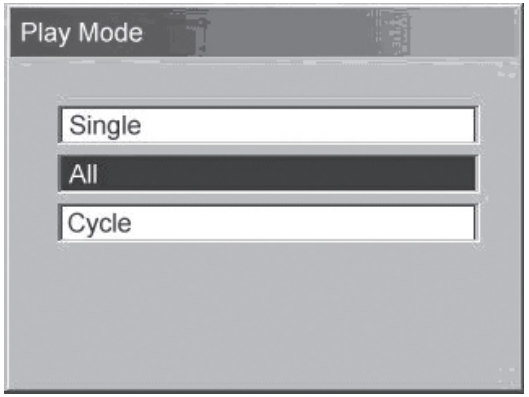
Select Directory

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

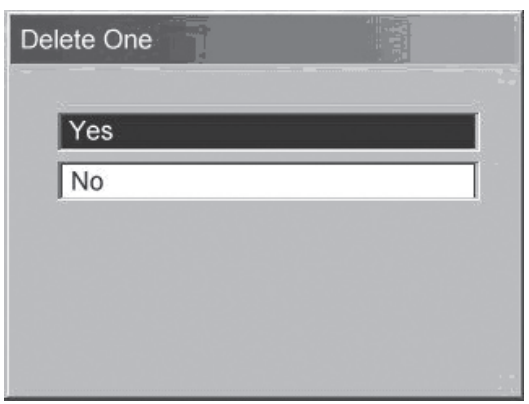


Press Up or Down button to switch between different options. Press the OK button to select the highlighted option:

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.

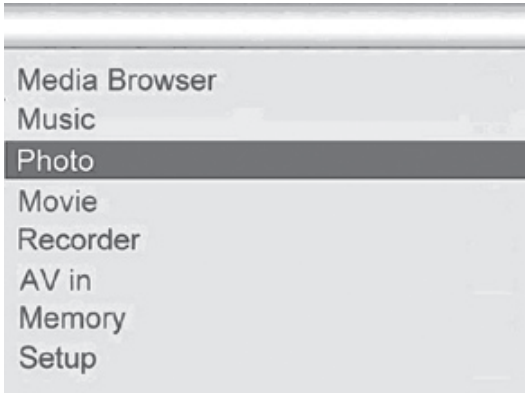


Photo Format Support

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

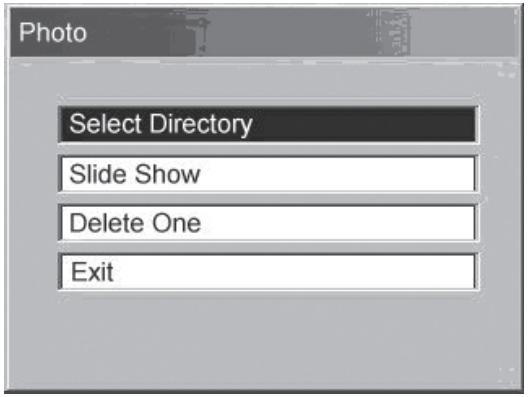
Press the Menu button to open the Menu. There are 4 options in the Photo Menu

Select Directory

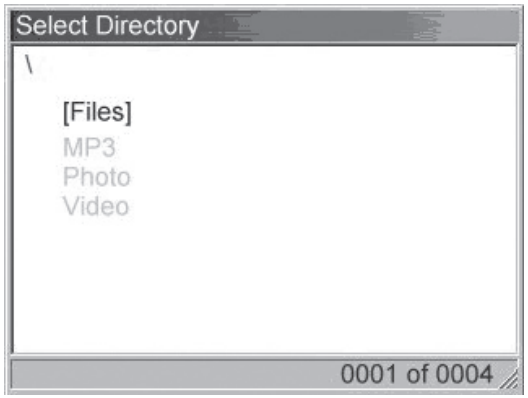
Slide Show

Delete One

Exit



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



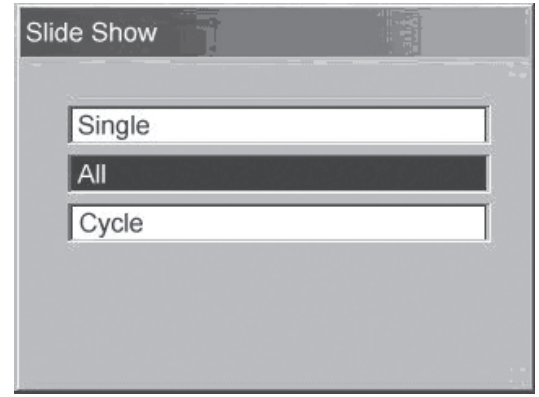
Select Directory

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

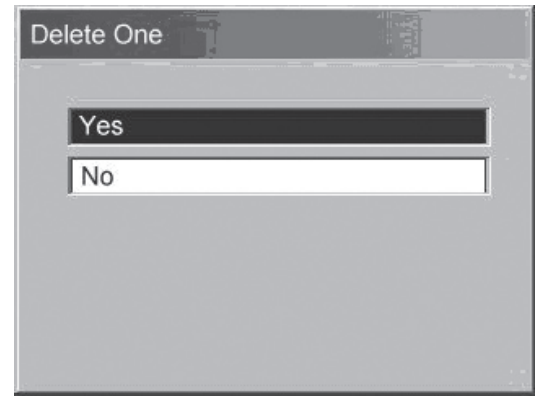


Press Up or down Button to switch between different options. Press the OK button to select the highlighted option:

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

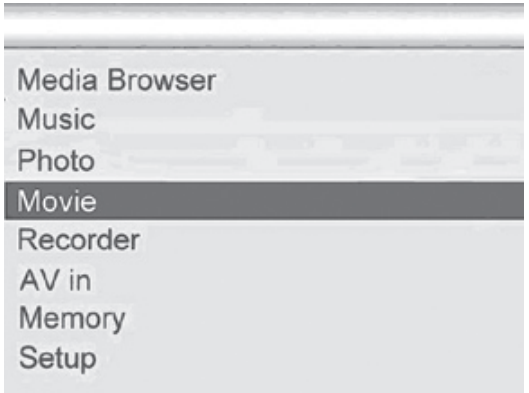


Exit

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

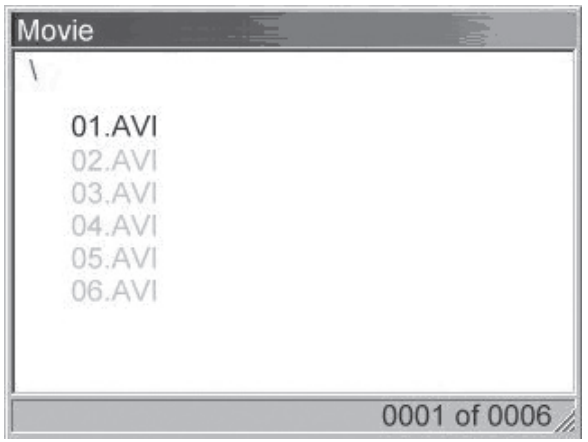
Preparation before playing movie in the media player

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

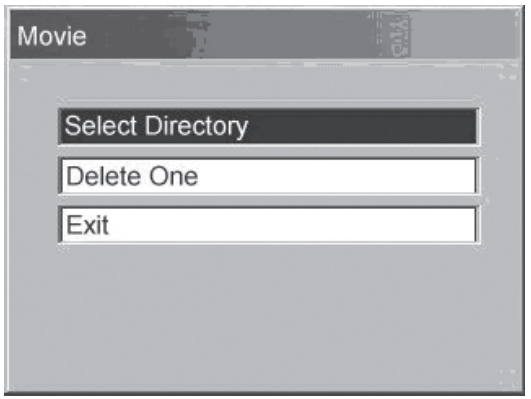
Press the Right button once to activate Forward Wind function and press it again to start Fast Forward. Press the Right button again to return to normal Play mode

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

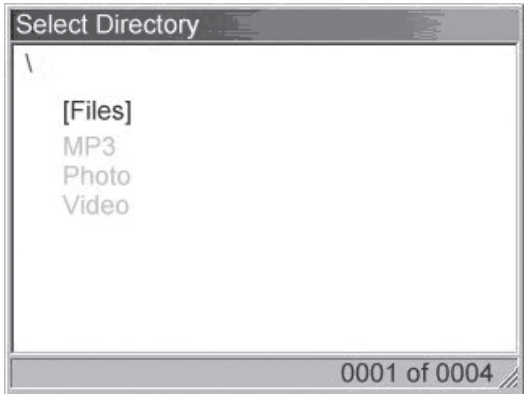
Press the Menu button to open the Menu. There are 3 options in the Movie Menu
Select Directory
Delete One
Exit



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

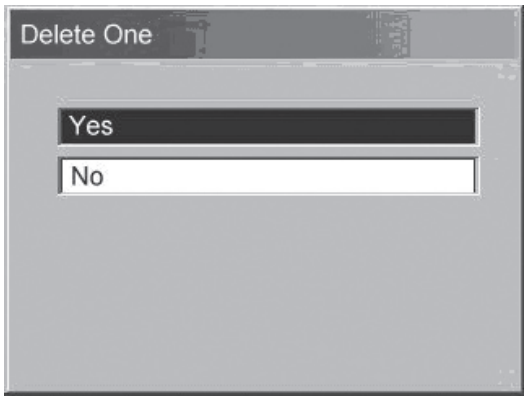
Select Directory

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

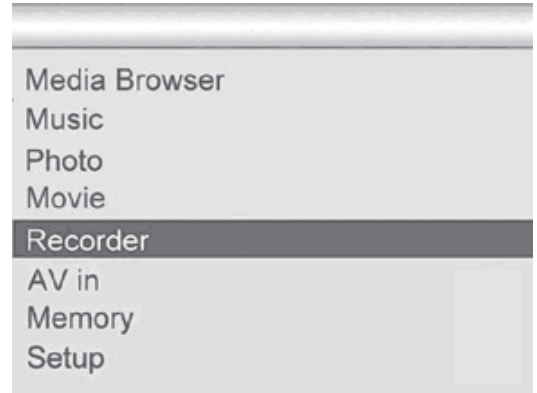
Press Up or down Button to switch between Yes and No. Press the OK button to select the highlighted option



Exit

Select this option to return to the previous screen

Recorder

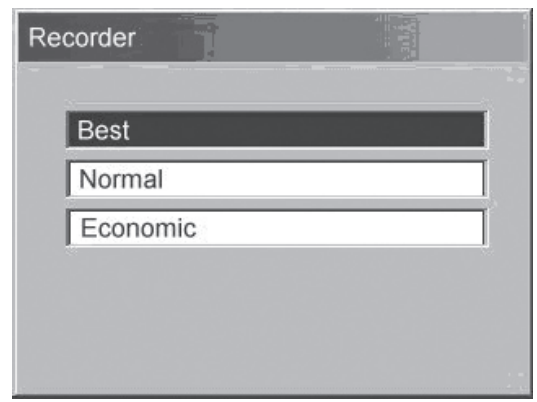


You can record audio signals with the built-in or external microphone or with an other external device. The recording quality can be adjusted.
If an external signal source is connected this is recognized and recorded by the recorder. If there is no external signal source connected the internal microphone will be used.

Record a voice

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

Menu Settings

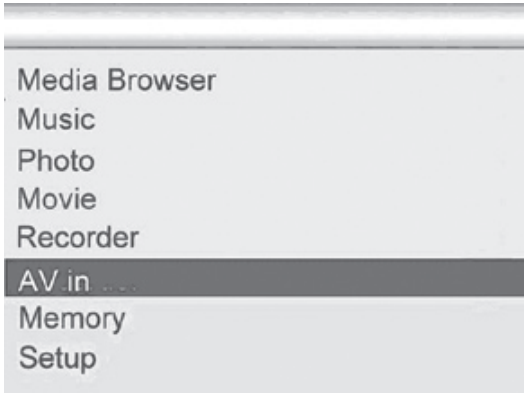


With the recorder stopped, press the Menu button to open the menu.
There are 3 options in the Recorder Menu
Fine
Normal
Economic

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

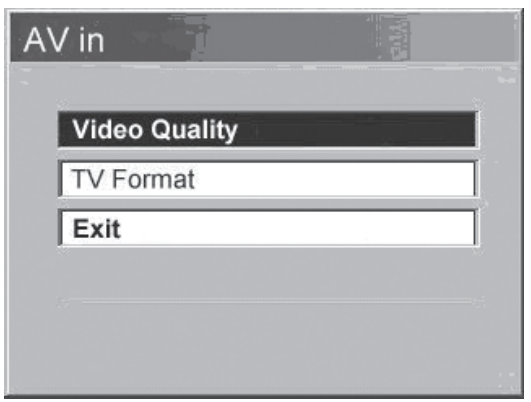
When recording is not active press the menu button to open the menu.

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.

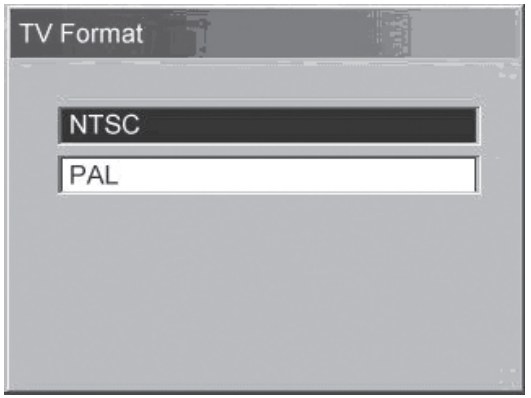
Selecting Video Quality

There are 5 options in the Video Menu
Best
Fine
Normal
Basic
Economic

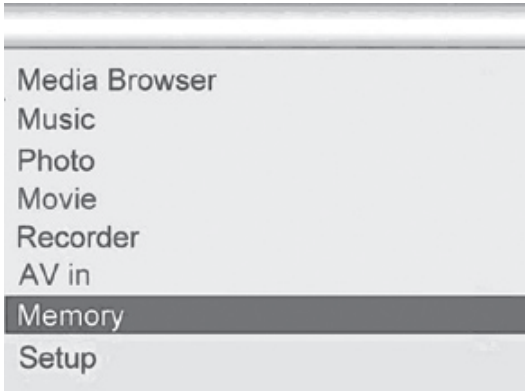
Press Up or Down button to switch between the different options. Press the OK button to select the highlighted option.

TV Format

There are 2 options in the Video Menu
NTSC
PAL



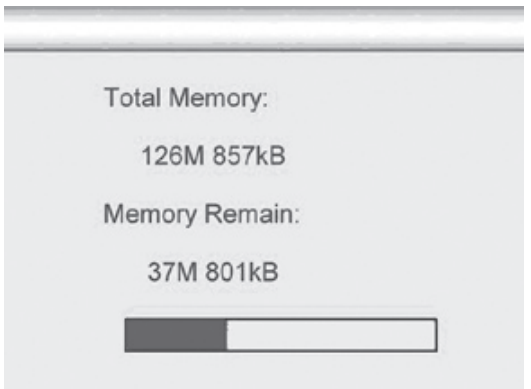
Press Up or Down button to switch between different options. Press the OK button to select the highlighted option.



Memory

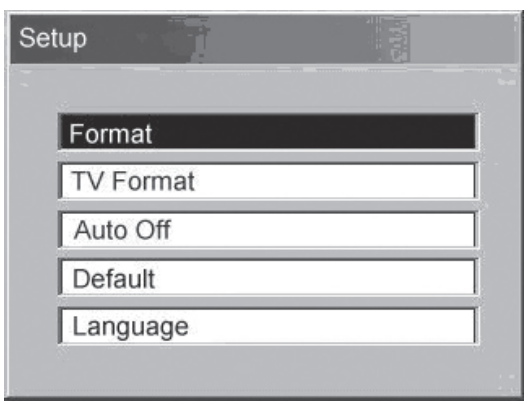
Shows the total memory and the memory used.
Without SD Card in the player it shows the internal memory.

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



Setup

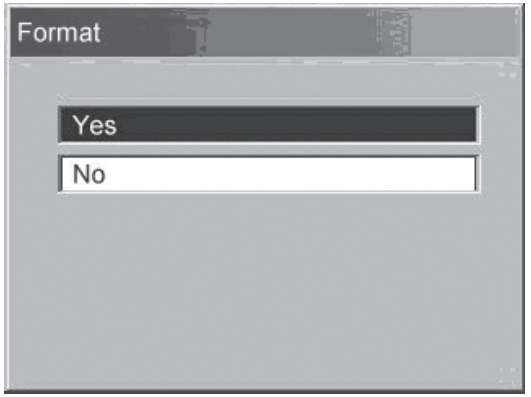
There are 5 options in the Setup Menu
Format
TV Format
Auto Off
Default
Language



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

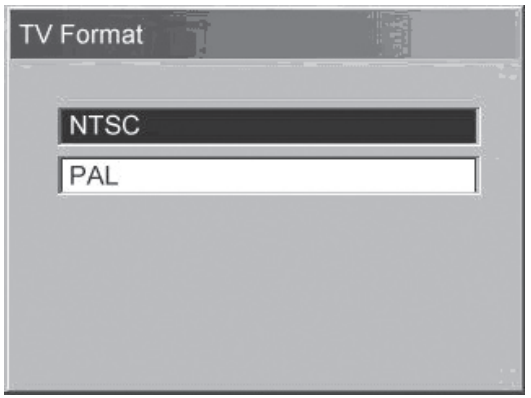
Format

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

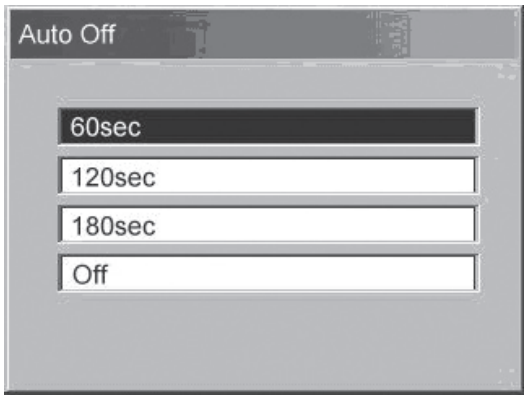


TV Format

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 Speaker, Microphone In, Video out	Mini USB, Video Out, Ear Phone Jack, 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 permited 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.

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MINOX GmbH
Walter-Zapp-Str. 4
D-35578 Wetzlar, Germany
Tel.: +49 (0)6441/917-0
Fax: +49 (0)6441/917-612
e-mail: info@minox.com
www.minox.com