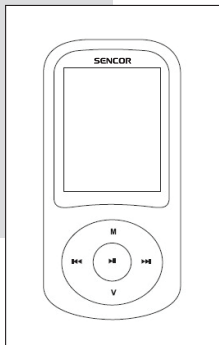


SENCOR®

SFP 5870



USER'S MANUAL

MP3/MP4 PLAYER

EN



MP4 is a new generation media player, supporting MP1, MP2, MP3, WMA, WMV, ASF or WAV files. Its perfect tone in high reliability with refined exterior design brings you an ultra performance.

OVERVIEW

- **Refined exterior design**
Unique design fits for hand.
- **Multi file format support.**
This player recognize MP1, MP2, MP3, WMA and video in WMV, ASF, WAV and AMV formats.
- **FM stereo radio**
Powerful automatic or manual tuning capability, save up to 40 channels (20 channels in each system).
- **e-Documents**
You can download text files into the player and read it any time as you like.
- **Driver free USB memory**
Manage your files in USB memory without specified software, no need drivers in WIN2000 or furthers.
- **Recorder / Repeat**
Voice can be recorded and saved in WAV or ACT format. Phase/Contrast repeat available.
- **Equalizer**
Normal, Rock, Pop, Classic, Soft, Jazz, Bass
- **Play modes**
Normal, Single Repeat, Play Catalog, Repeat Catalog, Repeat All, Shuffle, Lyric.
- **Timing turning off**
The player provides Sleep and battery saving mode, more convenience for you!
- **Complete dynamical menu**
Visualized dynamical menus with text instructions make you easy control.

DECLARATIONS

Welcome to choose our produce, please read this manual carefully.

Functions and performance may change without prior notice.

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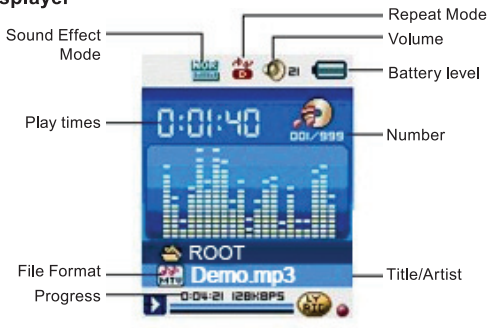
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KNOW YOUR PLAYER

Exterior and Key



Displayer



Battery Level

The player shows capacity in 9 levels

- Battery is full on 3.8V. As time goes on, capacity indication will monish.
- Indicator shows blank when battery almost ran out. You should charge your battery at that time.

Caution

- Please switch on the player before charge. This player cannot be charged in case of power off/
- Please switch off power when not using the player.

BASIC FUNCTIONS

- **Access to Menus**
Press **Mode** to access menus.
- **Scrolling**
Scroll music, menus
Fast Forward / Reverse when playing music.
List of Menus
To access different menu functions from main menu.
Main menu: (Hold **Mode** to access)



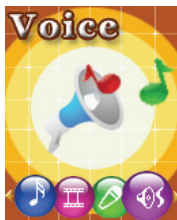
Music



Movie



Record



Voice



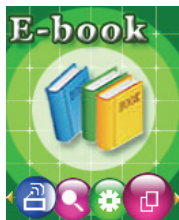
FM Radio



Photo



Setup

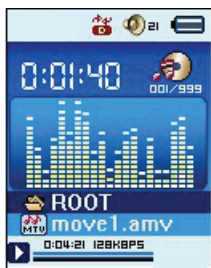


E-book

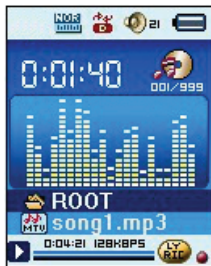


Game

Video play:



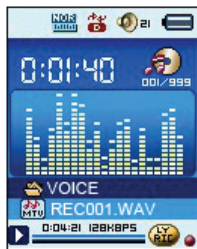
Music Mode:



Recorder Mode:



Voice Mode:



FM Mode:



PHOTO Mode :

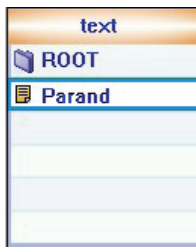
C : ROOT

- 01 DSC0014. JPG
- 02 DSC0015. JPG
- 03 DSC0016. JPG

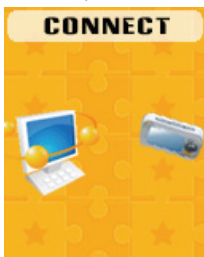
Settings Mode:



E-Book Mode:



USB Mode (Connect to PC):



- **Volume Adjust**
Press V first and then press **NEXT** to increase volume, press **PREVIOUS** to decrease.
- **Switch on/off**
Push switch button to on position when the player is off
or Press PLAY/PAUSE and hold to power on
Push switch button to off position when the player is on
or Press PLAY/PAUSE and hold to power off .
- **Play & Pause; exit from submenu**
On music mode, Press PLAY/PAUSE to play music.
When playing music, press PLAY/PAUSE to pause;
press and hold to stop playing.
- **Start / Stop recording**
On recording mode, press PLAY/PAUSE to stop.

KEYS PROCESSING

Keys Functions Definition

PLAY/PAUSE: Power On/Off, Play, Pause, Stop

MODE: Entry main menu or exit from current menu.

Next: Next, FF, Volume increase

PREVIOUS: Previous, Rev, Volume decrease

USB: USB outlet

Earphone: Standard earphone outlet

Power switch

Key Processing Definition

Keys processing includes 4 actions: Press, Press and Hold, Push, Hold. **If not mentioned, all actions are Press.**

Press: Press a key and valid immediately;

Press and Hold: Press a key and hold it at least 1.2s this action valid only once.

Push: Push a key, and valid when released.

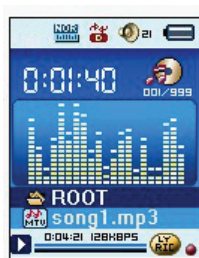
Hold: events occur in such frequency then the key is holding such as Fast Forward and Reverse.

PLAY MUSIC

Simple actions

1. Put earphone plug into earphone outlet;
2. Switch on the player , then entry Music Mode and press **PLAY/PAUSE** to play music.
3. Select a music:
PREVIOUS: Previous music;
Next: Next music.
4. For AMV files, video play will apply.

Equalizer Mode



1. When playing music
2. Press **Mode** to entry play submenu;
3. Push **Next** choosing Equalizer Mode;
4. Press **Mode** to entry 'Equalizer Mode' submenu.
Select an equalizer.
5. Detail of each equalizer (EQ):
Natural
Rock
Pop
Classic
Soft
Jazz
DBB

Push **Next** to select an EQ and press **Mode** to confirm.

Synchronous Lyric Display

The player supports lyric files with *.LRC suffix, and displays synchronously.

How to use lyric files?


Please make sure the lyric has the same name to the music

For example:

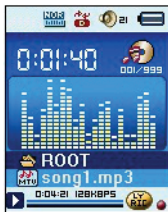
Music file: Journey.mp3

Lyric file: Journey.lrc

How to know if lyric available?

If lyric matched, the light at the right side of a red icon  on the left down corner of screen will be in green

When marched lyric available:



1. Press and hold **Mode** to entry lyric interface;
2. Lyric displays
3. Press **Mode** return to music mode.

VOICE RECORDING

Please make sure the battery has enough capacity before making record.

Each fold can save up to 99 voice recording files.

Recording on “Record mode”

1. Entry main menu:
2. Push **Next** scroll to Record mode
3. Push **Mode** to select Record mod, screen will display as below:



4. Press **Play** to start recording.

Caution:

- Voice will be recorded in current fold which set through 'Record stop / Main fold'
- If displayed "Memory full", it means no space to save new record files, please delete other files to release memory space.
- If "Fold full" shown, it means there are 99 record files in this fold. Please choose another one.
- The player only responses to **Play** and **A-B** when record processing

Select Record Type

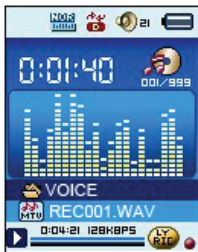
1. When in the interface of 'Record stop'
2. Press **Mode** to entry record submenu
3. Push next scrolling into 'Record type' submenu then presses **Mode** to select it.

Long REC	wav file, fine quality
Fine REC	wav file, (Recording controlled by voice, pause when mute)

4. Press **Next** to choose appropriate type and press **Mode** to select it
5. Press **Play** to start recording.

Play recorded files

1. Entry main menu
2. Push **Next** to choose 'Voice'
3. Push **Mode** to entry playing interface



4. Press **Play** again to play the file.
5. Choose voice record files.
PREVIOUS: Select previous file;
Next: Select the next file;

USING FM RADIO

1. Entry main menu;
2. Push **Next** scrolling "FM Mode"
3. Push **Mode** to entry



4. Auto tuning
Hold **Pre/Next 2** seconds to start the channel search in 100 KHz interval upwards or downwards. To stop tuning, push **Pre/Next**.
5. Manual tuning
Push **Pre**: Downward 100 KHz
Push **Next**: Upward 100 KHz
6. Save current channel:
Push **Mode** to entry FM submenu
Press **Mode** again to save channel.
7. Listening to a saved channel:
You can press **Play** to choose a saved channel.
9. Volume control
Press V then press Next: Increase volume;
Press V then press Prev: Decrease volume

Caution:

- 20 channels can be saved each in “Normal band” and “Japan band”

SETTINGS

Entry Settings

You can set system performances here, options may vary in different firmware version

1. Entry main menu
2. Push **Next** Scrolling into “Settings”
3. Press **Mode** to entry.



Options introduction:

(System Time)	Setting system date and time
(LCD set)	Screensaver setting
(Language)	Choosing different languages
(Power)	Setting off time and sleep time in minutes
(USB connect)	Options at MSC connection/Normal/ Encrypted only/Card only

(Memory info)	Check memory space and usage status
(Formatting)	Format Disk
(Firmware Ver.)	Version of player's firmware
(Upgrade Firm.)	Use for upgrade firmware
(Restore factory)	Reset the system to factory initial setting
(Exit)	Exit from Setting interface

List of menus:

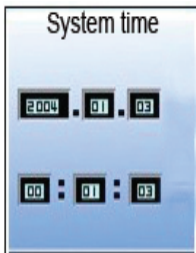
“System time” Setting

1. System setting interface



2. Press **Mode** to entry 'system time' interface

System time:



3. Press **V** and high light the year/Month/date and press **Next** or **Prev** to adjust the them.
4. Press **V** and high light the hour/minute/second and press **Next** or **Prev** to adjust the them.
5. After setting, press **Mode** to exit.

“LCD set” Setting

1. Press **Mode** entry screensaver setting;
2. Push **Next** for choosing (**Prev** for previous)
3. After setting, press **Mode** to exit.

“Language Setting”

This player has 5 display languages: English, Czech, Polish, Slovak,Hungarian

1. Press **Mode** to entry ‘Language’ interface
2. Push **Next / Prev** to scrolling.
3. After setting, press **Mode** to exit.

“Power Setting”

- You can set time in seconds on ‘off time ’ mode, allow the player shut down automatically when player become stop and idle for the period you have set. This function invalid if the time set to 0.
- You can set time in minutes on ‘Sleep mode’, allow the player shut down automatically when the player become idle (regardless current status) for the period you have set. It is designed for listening music before sleep.
- Sleep mode valid only once after setting, you have to set again if you want to use it next time.

“USB connect” Setting

Please consult into ‘USB connect’

MSC connection: PC can show multi- Disk

Normal: PC show Internal Disk only

Encrypted only: PC show Encrypted Disk only

Card only: PC show TF card only

“Memory info”

You can check total memory space and the percentage of usage.

“Formatting”

You can format Disk and delete all data from Disk

“Firmware version”

You can find the player’s firmware’s version.

“Firmware upgrade”

Use for upgrade player’s firmware.

“Restore factory”

Reset the system to factory initial setting.

Tips:

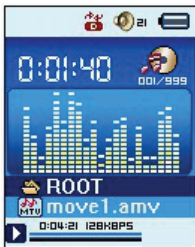
Press Play can exit current menu quickly. The function is valid on all other menus.

PLAY VIDEOS

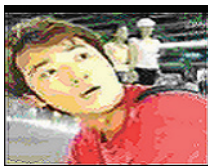
1. Entry main menu, press **Next** scrolling to “MOVIE” (Only available to AMV files):



2. Press **MODE** to entry:

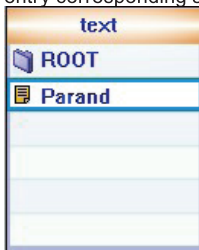


3. Press **PLAY** to starting play



READING DOCUMENTS

1. On main menu, press **Next/Prev** choosing E-book,
2. Press **Mode** to entry corresponding submenu:



3. Press **Next** or **Prev** choosing the document you want to read, then press **Play** to read it.

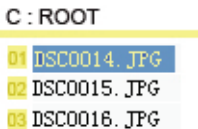
Note:

If you are set in 'Manual play' you must scroll text via Next or Last; texts can be scrolled automatically under 'Auto play' set.

BROWSING PICTURES

This function is only available for JPEG format.

1. On main menu, press **Next/Prev** choosing PHOTO.

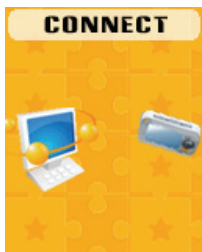


2. Press **Mode** to entry corresponding submenu:
3. Press **Next** or **Prev** choosing the document you want to read, then press **Play** to play it..

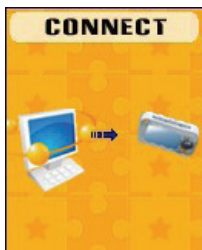
USING USB DISK

- The player is also a standard USB disk. Supported by Windows98 (drivers needed), Windows 2K or above (no need for drivers), Mac OS 10.3, Red hat Linux 8.0 or above.
- The player supports USB power supply, can be used without battery when connected to PC. To entry, when on 'waiting mode' press **Mode** return to main menu and choose the operation you need.
- This player supports Suspend mode.
- When connected to PC, The player works on the three modes below:

1. Waiting



2. Downloading



3. Uploading

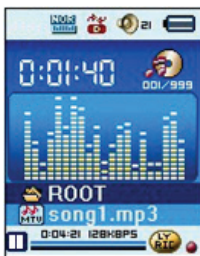


OTHER SETTINGS

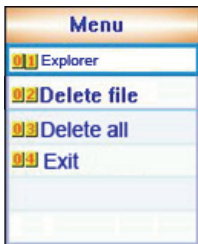
Choose other fold (Stop submenu)

You can classify files into several different folders that ease to manage them (folders should be created on PC). The player can identify 9 folders in root

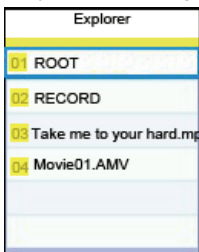
1. When stopped



2. Press Mode to entry Stop submenu



3. Press Mode to entry folder choosing interface



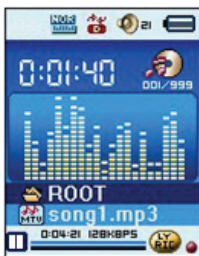
4. Press Next or Last to choose a folder
5. Press Mode to entry selected folder.

Please note: You can set folders independently in Music / Recorder / Play mode

Delete file (Stop submenu)

You delete correspond files/channels in each Music/Play/FM modes.

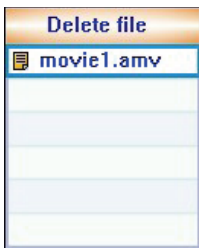
1. When Stopped. (No stop interface in FM mode)



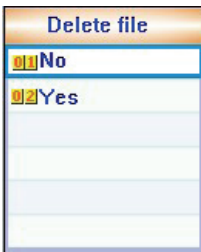
2. Press **Mode** to entry Stop submenu



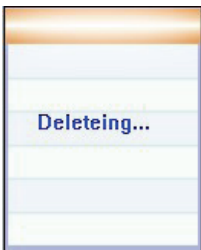
3. Press **Next** or **Prev** to choose 'Delete file' or 'Delete all'.



4. Press **Mode** to entry delete interface.



- 5 Press **Mode** to confirm delete



'Delete all' will delete all files in current folder of current mode. I.e. Choose 'Delete all' in Music mode will delete all music files; recorder files will not be affected. On FM mode, all saved channel will be removed.

Caution






Please safely removed player and unplug USB cable after delete files on PC, otherwise some files will not be removed.

Play mode (Play submenu)


You can choose different play mode (i.e. repeat, shuffle) when playing music or recorded files.

The first option on Play submenu is 'Play mode'


- REPEAT

 (Normal)	Playing music files in sequence until the end of folder
 (Repeat One)	Repeat single music file
 (Folder) Play all music files in folder	
 (Repeat Folder)	Repeat all music files in folder
 (Repeat All)	Repeat all music files

- SHUFFLE

 (Random)	Play music files in folder randomly
---	-------------------------------------

- INTRO


 (Intro)	Play the 10s of each music files in sequence
---	--

Repeat mode (Play submenu)


Press **A-B** to entry or entry from Play submenu:

A-B Repeat


1. When play music or recorder
2. Push **Mode** to entry play submenu
3. Push **Next** scrolling into 'Repeat Mode' option
4. Push **Mode** to entry into "Replay"

Repeat Mode: 'A' of Symbol  flashes, waiting for starter A

5. Push **Next** to select 'A'

'B' of symbol  flashes, waiting ender B

6. Push Next to select B

Symbol  fixed and starting repeat between A-B, while playing, you can push **Prev** to reset A point.

Karaoke Mode (No such Function in Playing mode)

1. A-B repeating



2. Push **Next** entry Karaoke mode



3. Repeat symbol 'A-B' will be replaced to karaoke symbol 'A-B'. Player begins recording voice to the length of A-B repeat period.
4. Upon time reaches, player resume play music file and the symbol replaced to 'A-B', push **Next** entry contrast function.

Caution

Press **Prev** returns to Repeat A-B status.

Contrast Function (No such Function in playing mode)

1. While entry contrast function, repeat symbol displayed as "A-B", the original sound will be played.
2. While finish original, repeat symbol will be replaced to "A-B", player will play the voice recorded.

Caution

Push **Prev** return to 'Karaoke mode'

Press **Mode** to exit repeat mode upon above three modes.

Repeat times (Play submenu)

Please consult into 'replay times'

Repeat time determines the times of play A-b repeat until exit

Repeat interval (Play submenu)

Please consult into 'Relay gap'

Repeat gap1 determines the time period between previous repeat (in seconds).

TROUBLESHOOTING

No Power	Check if battery had installed properly Make sure you have switched the player on
No Sound	Make sure volume is not on 0 position and the connection to earphone is valid Please make sure the earphone is clean Damaged MP3 files may have noise and even cannot be played
Strange characters on display	Make sure you have chose correct language
FM has bad performance	Adjust place of player and earphone Switch off power appliance nearby Earphone can be used as antenna
Cannot Download Music	Check USB cable, and make sure the player is properly connected to the PC Check if the driver has well installed Make there is still blank memory

TECHNICAL SPECIFICATIONS

Dimension	84,5 x 42,5 x 10 mm	
Weight	25 g	
Screen	1.8 CSTN (160*128)	
Connecting to PC	High Speed USB1.1 (Read 1000K Byte, Write800K Byte)	
Memory	128M – 256M Flash	
Power Supply	Max 10 hours play mode	
Voice Recorder	Sample rate	8KHz
	Format	WAV (32K bps), ACT (8K bps)
	Time	35hours (ACT, 128M Flash)
MP3/WMA/WMV/ ASF	Max. Output	(L) 10mW + (R)10mW (320hm)
	MP3 Bit rate	8K bps – 320K bps
	WMA/WMV/ ASF Bit rate	5K bps – 384K bps
	Freq. Response	20Hz to 20KHz
	SNR	85dB
	Distortion	

FM Radio	Freq. Range	76MHz – 90MHz / 87MHz – 108MHz
	Max. Stored Channels	20 + 20
	Max. Output	(L) 10mW + (R)10mW (320hm)
	SNR	45dB
Supported Music Formats	MP1, MP2, MP3, WMA, WMV, ASF, WAV	
Operate Temperature	-5 to 40 degree	
5 Languages Display	English, Czech, Polish, Slovak, Hungarian	
Supported Systems	Windows98/SE/ME/2K/XP/Mac OS 10/Linux 2.4.2	

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.



This product meets all the basic EU regulation requirements that relate to it.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

SENCOR®

EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers

Visit www.sencor.eu for detailed information about authorized service centers.