

YP-S1

# MP3 Player user manual

imagine the possibilities

Thank you for purchasing this Samsung product. To receive a more complete service, please register your product at



[www.samsung.com/register](http://www.samsung.com/register)



## Using this manual

- Some of the contents in this manual may differ from your MP3 player depending on the firmware installed. Some of the contents may be changed without prior notice.
- Your MP3 player and screens may differ from the illustrations in this manual.
- To view the special features of your MP3 player, see "Special features of your MP3 player" on page 3.
- To view troubleshooting, see "Troubleshooting" on page 26.

## Icons used in this manual

Icon	Description
 <b>Note</b>	Notes, usage tips, or additional information
 <b>Caution</b>	Safety warnings and precautions
< >	Menu names or text on the PC when the player or the TicToc PC program is in use; for example: <Settings>, <Menu>
[ ]	Button; for example: [ ] (represents the Power/Control button)

# Safety information

This manual describes how to properly use your new MP3 player. Read it carefully to avoid damaging the player and injuring yourself. Pay particular attention to the following serious warnings.

## PROTECT YOURSELF



CAUTION

- Do not disassemble, repair, or modify this product on your own.



CAUTION

- Do not get the product wet or drop it in water. If the product gets wet, do not switch it on because you could get an electric shock.
- Do not use the product during a thunderstorm, as it may cause malfunction or a risk of electric shock.



CAUTION

- Do not use the earphones while you are driving a bicycle, automobile or motorcycle.

It can cause a serious accident, and furthermore, is prohibited by law in some areas.

Using the earphones while walking or jogging on a road, in particular, on a crosswalk can lead to a serious accident.

- For your safety, make sure the earphone cable does not get in the way of your arm or other surrounding objects while you are taking exercising or walking.



WARNING

- Do not place the product in damp, dusty, or sooty areas because these environments could lead to fire or electric shock.

### PROTECT YOURSELF



WARNING

- Using earphones or headphones for an extended time may cause serious damage to your hearing. If you are exposed to sound louder than 85db for an extended time, you may adversely affect your hearing. The louder the sound is, the more seriously damaged your hearing may be (an ordinary conversation is between 50 to 60 db and road noise is approximately 80 db). You are strongly advised to set the volume level to medium (the medium level is usually less than 2/3 of the maximum).
- If you feel a ringing in your ear(s), lower the volume or stop using the earphones or headphones.



WARNING

- Do not expose the battery to excessive heat, store it in direct sunlight, or place it in a fire.

### PROTECT YOUR MP3 PLAYER



WARNING

- Do not leave the player in temperatures above 35° C (95° F), such as a sauna or a parked car.
- Do not cause excessive impact on the player by dropping it.
- Do not place heavy objects on top of the player.
- Prevent any foreign particles or dust from entering into the product.
- Do not place the product near magnetic objects.



CAUTION

- Be sure to backup important data. Samsung is not responsible for data loss.
- Use only accessories provided by or approved by Samsung.



CAUTION

- Do not spray water on the product. Never clean the product with chemical substances such as benzene or thinner, as it may cause fire, electric shock or deteriorate the surface.



- Failure to follow these instructions may lead to physical injuries or damage to the player.



- When printing this user manual, we recommend that you print in colour and check "Fit to Page" in the print option for better viewing.

# Special features of your MP3 player



Use the gesture sensor to operate your player with different motions



Listen to true three-dimensional sound with the Samsung Digital Natural Sound engine (DNSe™)



Show off the special design by wearing your player as a necklace



Easily manage your music with the TicToc PC program



Use the voice guide to learn about the features of your MP3 player



Customise your player with interchangeable cases

## Features of the TicToc PC program

Automatically sort your music by tempo.

No other programs needed to manage and play your music.

Easily update the firmware, with just one click.



See "Use the TicToc PC program" on page 14.

# YP-S1

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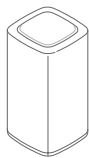
# Getting started

Prepare your player for use.

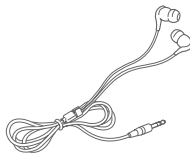
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# What's included

Check your product box for the following items:



MP3 player



Earphones



Cradle



Player case



Quick start guide



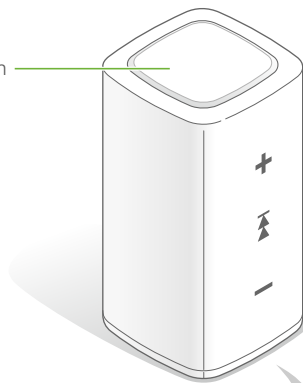
## Note

- The items supplied with your player may appear different from the illustrations in this manual.
- You can obtain additional accessories from your local Samsung dealer.



# Your MP3 player

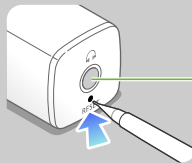
Power/Control button



The indicators will illuminate when turning the player on or off or when the player is in use.

## Reset hole

If your player is frozen or unresponsive, insert a pointed object (such as a toothpick or paper clip) into the reset hole. The system will be initialized.



Earphones jack/  
Cradle jack

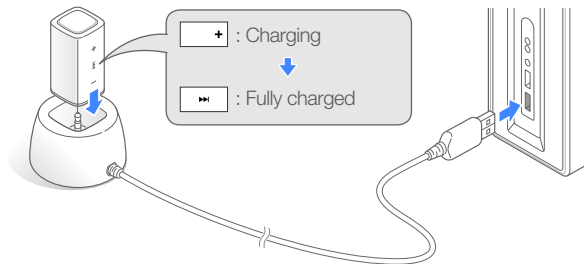
# Connect to a PC and charge the battery

Connect your player to a PC and charge the battery before you use your player for the first time or when you have not used it for a long time.

## Caution

The rechargeable battery incorporated in this product is not user replaceable. For information on its replacement, please contact your service provider.

- 1 Connect the player to the cradle.
- 2 Connect the cradle to the USB port of a PC.



**Charging time** About 2 hours

- 3 When the battery is fully charged, unplug the cradle from your player and the PC.

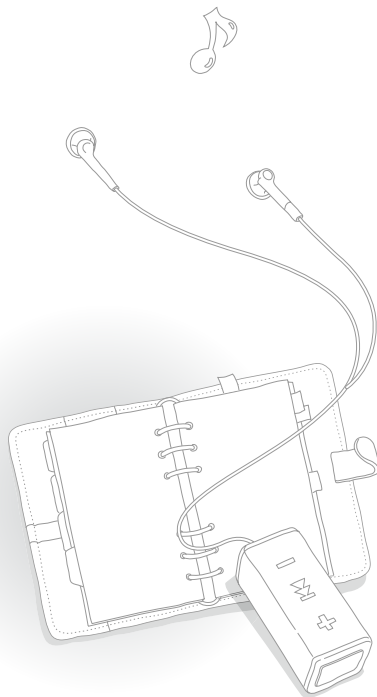
### About batteries

- Charge and store the battery at 5~35° C (41~95° F).
- Do not charge the battery for more than 12 hours or leave the battery fully discharged for a long time. Doing so may shorten the battery life.
- Depending on how you use your player, actual battery life may vary and may be shorter than specified.




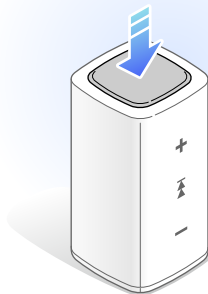
#### Note

- The charging time may differ depending on your PC's capabilities.
- If you want to charge the battery on your laptop, make sure that the laptop's battery is full or the laptop is plugged into a power source.
- The player can only be charged by connecting to your PC with the cradle. Do not use a separate USB AC adapter as it may not charge the battery or allow proper operation of the player.



# Turn your player on or off

Press and hold [  ] to turn your player on or off.



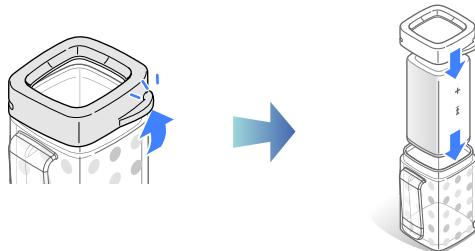
 **Note**

The player will stay in Standby mode for 1 minute after you turn it off. In Standby mode, the voice guide will not inform you of the remaining battery even when you turn the player back on.

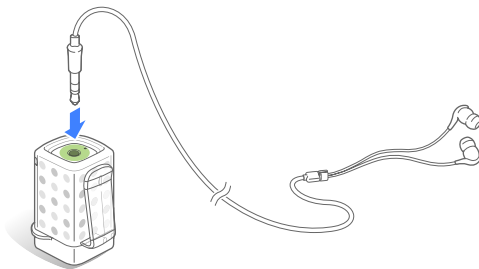
# Attach a neck strap

You can conveniently carry your player by connecting the player to the earphones after putting it into the case and plugging the earphones in the earphones jack.

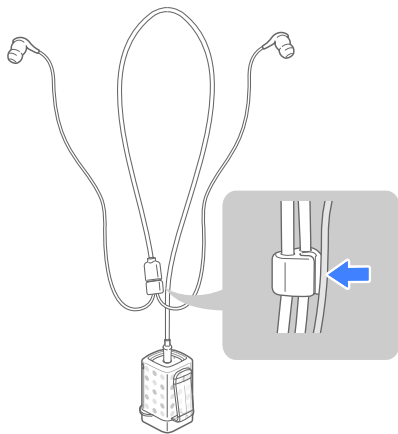
- 1 Put your player inside the player case.



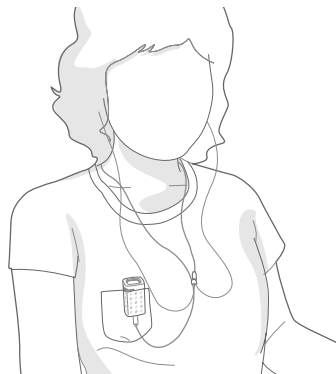
- 2 Plug the earphones into the earphones jack of the player.



- 3** Wear the earphones strap around your neck and secure it by inserting the strap into the earphones slot.



- 4** Use the clip on the case to attach your player to your clothes.



**Caution**

Avoid exposing the clip to high external pressure.



# Manage your music

Manage music files or customize player settings with the TicToc PC program.

Use the TicToc PC program ..... 14



# Use the TicToc PC program

## Launch the TicToc PC program

When you connect the player to your PC, the TicToc PC program will launch automatically.



### Note

If the program does not launch automatically, see "Launch the TicToc PC program manually."

### Recommended PC requirements

CPU	Pentium 1.8 GHz or higher
Operating System	Windows XP SP 2 or higher/Vista/7
Others	<ul style="list-style-type: none"> <li>• Resolution 1024 X 768 (600) or higher</li> <li>• 1 GB RAM</li> <li>• 500 MB available hard disk space or more</li> <li>• .Net Framework 3.5 SP1 or higher</li> <li>• Microsoft DirectX 9.0C or higher</li> </ul>

### Launch the TicToc PC program manually

- 1 Connect your player to a PC using the cradle.
- 2 On your PC, double click <My Computer> → <TicToc mini APP>.

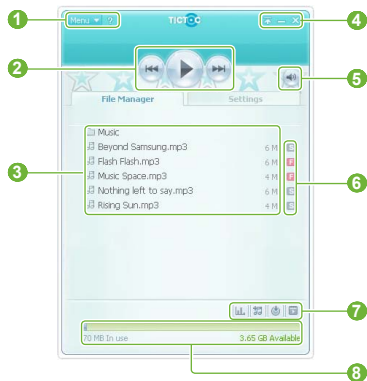


### Note

If the <TicToc mini APP> folder opens when you double click <TicToc mini APP>, double click <TicToc.exe> to launch the TicToc PC program.



## Manage music files



### Icons on the TicToc PC program screen


No.	Description
1	<ul style="list-style-type: none"> <li>• Menu drop-down list</li> <li>• ? : View Help</li> </ul>
2	<ul style="list-style-type: none"> <li>• Play / Pause</li> <li>• Skip to the previous or next file</li> </ul>
3	<p>File list</p> <ul style="list-style-type: none"> <li>• View mini mode</li> </ul>
4	<ul style="list-style-type: none"> <li>• Minimise the program</li> <li>• Close the program</li> </ul>

No.	Description
5	Adjust the volume
6	Tempo analysis icons
7	<ul style="list-style-type: none"> <li>• Analyze the tempo of music files</li> <li>• Add music files to the player</li> <li>• Update the firmware of the player and the TicToc PC program</li> <li>• Play the tutorial video for your player</li> </ul>
8	Used/available memory

### Note


- 8 Regarding the Built-In Memory  
 1 GB = 1,000,000,000 bytes : actual formatted capacity may be less as the internal firmware uses a portion of the memory.

### Analyze the tempo of music files

The TicToc PC program can analyze the tempo of a music file. An icon will be displayed next to a music file that has been analyzed. The player will recognize the results of this tempo analysis and you can play music files in different modes according to their tempo. Click  on the TicToc PC program.

## Add music files

You can easily transfer music files from a PC with the TicToc PC program.

- 1 Connect your player to a PC using the cradle.
- 2 Click  on the TicToc PC program.
- 3 Select a music file, and then click <Open>.
  - The selected file is copied to your player.

### Caution

To avoid damage to your player and corruption of your files, do not disconnect the cradle while files are being transferred.

### Note

- To use the music voice guide feature, add your files only with the TicToc PC program. Files added using other programs or using the player as a removable disk will not be provided with the music voice guide.
- If you connect your player to a PC while the player's battery is low, the battery will charge for a few minutes before your player will connect to the PC.
- If you connect your player to a PC via a USB hub, the PC may not recognise your player. Connect your player directly into the USB port of a PC.

## Update the firmware


The firmware of the player and the TicToc PC program will be updated automatically when the program is launched.

If the firmware does not update automatically, click  to update.

### Caution

- To avoid damage to your player and corruption of your files, do not disconnect the cradle while the firmware is being updated.
- Check the battery charge status of your player. If the battery is low, the firmware will not be upgraded.
- You need to have at least 20 MB of free space in your player for the upgrade.

## Play the tutorial video for your player

To play the tutorial video for your player, click  on the TicToc PC program.

## Customise player settings

You can customise various settings for the player or format the player. Click <Settings> on the TicToc PC program.



Option	Description
<b>DNSe</b>	Select a sound effect to enhance your music. Click <Auto> to automatically select the sound effect according to the information stored in the music file (ID3 tag).
<b>Voice Guide language</b>	Select a language for the voice guide.

Option	Description
<b>Music Voice Guide language (TTS)</b>	Select a language for the music voice guide that informs you about the current music.

Delete all data and files stored in your player and restore all settings to the factory settings.



### Note

### Format

- Format the player only with the TicToc PC program.
- Remember to make backup copies of all important data stored in your player. The manufacturer's warranty does not cover any loss of data.

### Program Language

Select a language for the TicToc PC program.

### Skin image

Select a skin. The default skin may differ depending on the colour of your player.

#### What is DNSe?

Digital Natural Sound Engine (DNSe) is a group of sound effects for MP3 players developed by Samsung. It provides various settings to enhance your music.

#### What is an ID3 tag?

ID3 tag is a metadata container attached to MP3 files. It includes information for the music, such as the title, artist, album, or track number.

## Disconnect your player from a PC

Carefully follow the steps below when disconnecting your player from a PC to avoid data loss or damage to your player.

- 1 Click  on the Windows taskbar.



- 2 Click the pop-up message.



- 3 Unplug the cradle from your player and the PC.



#### Caution

Do not disconnect your player during playback. Stop playback first and then disconnect your player from the PC.



## Play music

You can listen to music in excellent 3D surround sound with the DNSe effects. Control your player with gesture sensor while you listen to music.

Play music .....20



# Play music



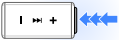
Play music files stored in your player.





To transfer files, see "Use the TicToc PC program" on page 14.

## Control playback

Press and hold [ ] to turn on the player and begin playback.

Hold your player in the position shown and press [ ] to perform the action listed.

Task	Position of the player	Action
Skip to the next file		Press [ ] once.
Skip to the previous file		Quickly press [ ] twice.
Skip to the next folder		Quickly press [ ] three times.

Task	Position of the player	Action
Turn the volume up		Press [  ] once.
Turn the volume down		Press [  ] once.

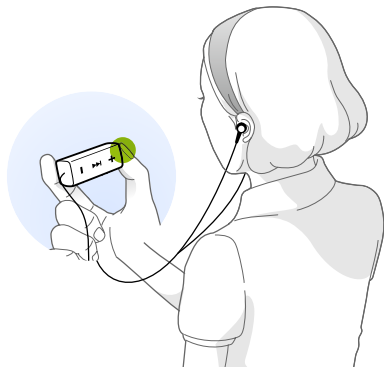
Task	Action
Change the play mode	Shake three times.
Listen to the music voice guide	Shake the player once. To change the language for the music voice guide, see "Music Voice Guide language (TTS)" on page 17.

 **Note**

- Only the music files that have been analyzed for tempo by the TicToc PC program will play in the fast or slow modes. See "Analyze the tempo of music files" on page 15.
- The music voice guide informs you about music information stored in the ID3 tag. For the files without an ID3 tag, the music voice guide will inform you of the file name only.

### Use your player

There is a sensor inside the player that can detect the motion and the position of the player. You can control the player by shaking it or pressing [□]. The function of [□] changes depending on how you hold the player.



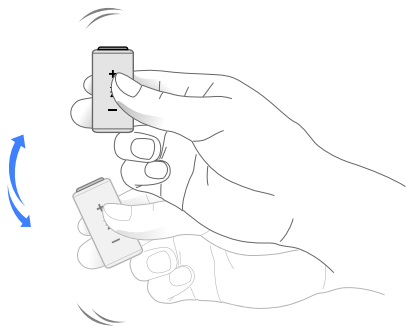
### Example 1: Skip to the next file



- 1 Hold the player horizontally.
- 2 Press [□].
  - The player skips to the next file.



### Example 2: Change the play mode



Shake the player three times.

- The play mode changes each time you shake the player.  
(Normal → Shuffle → Fast → Slow)

### About the voice guide

The voice guide informs you about the current status of the player and usage instructions. To change the language, see "Voice Guide language" on page 17.

### Customise player settings

You can use the TicToc PC program to customise player settings, such as DNSe, voice guide language, and play mode. See "Customise player settings" on page 17.



# Appendix

View maintenance, specifications, and troubleshooting information for your player.

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## Maintenance of your player

Carefully read the following to properly clean, store, or dispose of your player.

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### Cleaning

- When your player is dirty, wipe your player with a soft, clean and dry cloth.
  - Do not apply cleaners to your player's surface. This may cause damage or affect the performance of the player.
  - Do not clean your player with gasoline, benzene, thinner, WD-40, or other chemicals. This may cause damage to your player's surface.
- 



### Storing

Store your player in a well-ventilated area.

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### Disposing

- Dispose of wrapping materials, batteries, and electronic devices separately.
  - The wrapping materials include paper and two kinds of plastics (PC and PE).
-

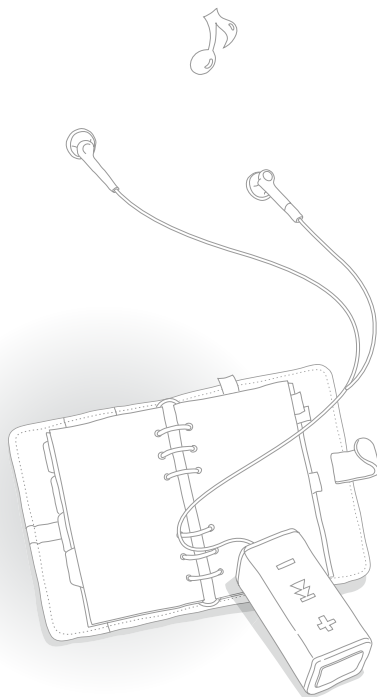
## Troubleshooting

When you have a trouble using the player, try the following before contacting a service centre.

Problem	Solution
My player will not turn on.	<ul style="list-style-type: none"> <li>Your player will not turn on if the battery is completely drained. Recharge the battery and turn the player on again.</li> <li>Press the reset button to reset your player.</li> </ul>
The button does not work.	Press the reset button to reset your player.
My player turns off automatically.	If you do not use your player for 1 minute after you pause the playback, it will automatically turn off.
The battery running time is different from what is written in the user manual.	<ul style="list-style-type: none"> <li>The battery running time may differ depending on the current sound mode.</li> <li>The battery running time may shorten when your player was left in a high or low temperature.</li> </ul>
The TicToc PC program will not work on a PC.	Check if your PC meets PC requirements. See "Recommended PC requirements" on page 14.

Problem	Solution
My player will not connect to a PC.	<p>Run Windows Update on the PC. Select key updates and service packs and update all. When the update is completed, reboot the PC and reconnect.</p>
The file transfer is too slow.	<p>Launch the TicToc PC program and click &lt;Settings&gt; → &lt;Format&gt; → &lt;Start&gt; to format your player.</p> <p>End all programs you are not using. Running multiple programs simultaneously can slow down the file transfer rate.</p>
My player will not play any files.	<ul style="list-style-type: none"> <li>Check if any playable files are stored in your player.</li> <li>Check if the files are damaged.</li> <li>Check the battery remaining.</li> </ul>
I cannot download files to my player.	<ul style="list-style-type: none"> <li>Check if the cradle is correctly connected. Reconnect it.</li> <li>Check if the memory is full.</li> <li>Press the reset button to reset your player.</li> </ul>

Problem	Solution
Files or data are missing.	Check if you disconnected the cradle while transferring files or data. This can cause data loss or fatal errors in your player. Samsung is not responsible for any damages resulting from data loss.
My player is getting hot to the touch.	Charging the battery can heat up your player. This will not affect the player's life or capabilities.



## Specifications

Model Name	YP-S1
Rating	DC 5.0V / 500mA
File	<ul style="list-style-type: none"> <li>• MPEG1 Layer 3 (8 kbps~320 kbps, 32 kHz~48 kHz)</li> <li>• MPEG2 Layer 3 (32 kbps~160 kbps, 16 kHz~24 kHz)</li> <li>• MPEG2.5 Layer 3 (32 kbps~160 kbps, 8 kHz~12 kHz)</li> <li>• WMA (48 kbps~320 kbps, 8 kHz~48 kHz, V4.0, 4.1, 7, 8, 9)</li> <li>• ASF (Audio) (8 kbps~192 kbps, 8 kHz~48 kHz)</li> <li>• Ogg (Q0~Q10)</li> <li>• FLAC (0 Mbps~1.2 Mbps, 16 bits/sample, 2 channel)</li> </ul>
Earphones Output	12 mW/Ch. (based on 16 Ω)
Output Frequency Range	40 Hz~20 kHz
Signal to Noise Ratio	85 dB with A LPF (based on 1 kHz, 0 dB)
Supported Number of Files/Folders	File: Max. 3000 Folder: Max. 3000 (including Files)
Playing Time	Music: 12 hours (MP3 128 kbps, Volume level 15, Normal sound mode)
Temperature Range for Operation	-5~35° C (23~95° F)
Case	Plastic
Weight	12 g
Dimensions (WxHxD)	17.5 X 17.5 X 35.9 mm

\* Some of the contents in this manual are subject to change without prior notice for further improvement.

## Correct disposal of this product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.



Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

## Correct disposal of batteries in this product

(Applicable in the European Union and other European countries with separate battery return systems.)

This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.



To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

## Licence

The product player accompanying this user manual is licenced under certain intellectual property rights of certain third parties. This licence is limited to private non-commercial use by end-user consumers for licenced contents.

No rights are granted for commercial use.

The licence does not cover any product player other than this product player and the licence does not extend to any unlicensed product player or process conforming to ISO/IEC 11172-3 or ISO/IEC 13818-3 used or sold in combination with this product player. The licence only covers the use of this product player to encode and/or decode audio files conforming to the ISO/IEC 11172-3 or ISO/IEC 13818-3. No rights are granted under this licence for product features or functions that do not conform to the ISO/IEC 11172-3 or ISO/IEC 13818-3.



## Contact Samsung World Wide

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG Customer Care Centre.

Country	Customer Care Centre ☎	Web Site
CANADA	1-800-SAMSUNG (726-7864)	www.samsung.com
MEXICO	01-800-SAMSUNG (726-7864)	www.samsung.com
U.S.A	1-800-SAMSUNG (726-7864)	www.samsung.com
ARGENTINE	0800-333-3733	www.samsung.com
BRAZIL	0800-124-421, 4004-0000	www.samsung.com
CHILE	800-SAMSUNG (726-7864)	www.samsung.com
NICARAGUA	00-1800-5077267	www.samsung.com
HONDURAS	800-7919267	www.samsung.com
COSTA RICA	0-800-507-7267	www.samsung.com
ECUADOR	1-800-10-7267	www.samsung.com
EL SALVADOR	800-6225	www.samsung.com
GUATEMALA	1-800-299-0013	www.samsung.com
JAMAICA	1-800-234-7267	www.samsung.com
PANAMA	800-7267	www.samsung.com
PUERTO RICO	1-800-682-3180	www.samsung.com
REP. DOMINICA	1-800-751-2676	www.samsung.com
TRINIDAD & TOBAGO	1-800-SAMSUNG (726-7864)	www.samsung.com
VENEZUELA	0-800-100-5303	www.samsung.com

Country	Customer Care Centre ☎	Web Site
COLOMBIA	01-8000112112	www.samsung.com
AUSTRIA	0810 - SAMSUNG (7267864, € 0.07/min)	www.samsung.com
BELGIUM	02 201 2418	www.samsung.com/be (Dutch) www.samsung.com/be_fr (French)
CZECH	800-SAMSUNG (800-726786)	www.samsung.com
DENMARK	70 70 19 70	www.samsung.com
FINLAND	030 - 6227 515	www.samsung.com
FRANCE	01 48 63 00 00	www.samsung.com
GERMANY	01805 - SAMSUNG (726-7864 € 0,14/Min)	www.samsung.com
HUNGARY	06-80-SAMSUNG (726-7864)	www.samsung.com
ITALIA	800-SAMSUNG (726-7864)	www.samsung.com
LUXEBURG	261 03 710	www.samsung.com
NETHERLANDS	0900-SAMSUNG (0900-7267864) (€ 0,10/Min)	www.samsung.com
NORWAY	815-56 480	www.samsung.com
POLAND	0 801 1SAMSUNG (172678), 022-607-93-33	www.samsung.com

Country	Customer Care Centre ☎	Web Site
PORTUGAL	80820-SAMSUNG (726-7864)	www.samsung.com
SLOVAKIA	0800-SAMSUNG (726-7864)	www.samsung.com
SPAIN	902-1-SAMSUNG (902 172 678)	www.samsung.com
SWEDEN	0771 726 7864 (SAMSUNG)	www.samsung.com
U.K	0845 SAMSUNG (7267864)	www.samsung.com
EIRE	0818 717 100	www.samsung.com
SWITZERLAND	0848-SAMSUNG (7267864, CHF 0.08/min)	www.samsung.com/ch www.samsung.com/ch_fr/ (French)
LITHUANIA	8-800-77777	www.samsung.com
LATVIA	8000-7267	www.samsung.com
ESTONIA	800-7267	www.samsung.com
RUSSIA	8-800-555-55-55	www.samsung.com
KAZAKHSTAN	8-10-800-500-55-500	
UZBEKISTAN	8-10-800-500-55-500	www.samsung.com
KYRGYZSTAN	00-800-500-55-500	www.samsung.com
TADJIKISTAN	8-10-800-500-55-500	www.samsung.com
UKRAINE	0-800-502-000	www.samsung.ua www.samsung.com/ua_ru
AUSTRALIA	1300 362 603	www.samsung.com
NEW ZEALAND	0800 SAMSUNG (0800 726 786)	www.samsung.com

Country	Customer Care Centre ☎	Web Site
CHINA	400-810-5858 010-6475 1880	www.samsung.com
HONG KONG	(852) 3698-4698	www.samsung.com/hk www.samsung.com/ hk_en/
INDIA	3030 8282, 1800 110011, 1-800-3000-8282, 1800 266 8282	www.samsung.com
INDONESIA	0800-112-8888, 021-5699-7777	www.samsung.com
MALAYSIA	1800-88-9999	www.samsung.com
PHILIPPINES	1-800-10-SAMSUNG (726-7864), 1-800-3-SAMSUNG (726-7864), 1-800-8-SAMSUNG (726-7864), 02-5805777	www.samsung.com
SINGAPORE	1800-SAMSUNG (726-7864)	www.samsung.com
THAILAND	1800-29-3232, 02-689-3232	www.samsung.com
TAIWAN	0800-329-999	www.samsung.com
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