MP3 Player
user manual

imagine the possibilities

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SAMSUNG

features of your new MP3 Player

Good looking. Smart. Reliable, and lots of fun. Your new MP3 player is all this and more. Its compact silhouette takes up the tiniest space in your pocket, and its state-of-the-art technology delivers rich sound. You'll love your new MP3 player, whether you're exercising, downloading your favourite tunes, or even listening to FM Radio. Use it once, and you'll wonder how you ever lived without it.

USER-FRIENDLY INTERFACE!

The MP3 player is an USB-integrated product with no need for a USB cable, which offers you fast data transfer and convenient recharging.

FITNESS MODE FOR YOUR HEALTH GUIDE!

In this mode, you can check your expected calorie burn while exercising.

USER BUTTON ENABLED STUDY MODE

You can use the user button to set button operation to your preference.
Study mode is useful when learning a language by setting the section repeat and play speed functions.

MY OWN CHARACTER POPCON

You can create your own character that will appear when you turn on the MP3 player.

LONGER PLAY TIME AND SHORTER DOWNLOADING!

A fully charged battery can play up to 20 hours of music.
Download times are shorter. Because of its USB 2.0 capability, the player is much faster than models with USB 1.1.

ACOUSTIC WONDER

Your new MP3 player has built-in DNSe™ (Digital Natural Sound engine), Samsung's unique sound technology created to deliver richer, deeper sound for an unbelievable listening experience.

WHERE FORM MEETS FUNCTION

Sure, it's sleek and good looking. But it's also easy to hold and use, too.

safety information

What the icons and signs in this user manual mean :

⚠️ **WARNING**	Means that death or serious personal injury is a risk.
⚠️ **CAUTION**	Means that there is a potential risk for personal injury or material damage.
⚡ **CAUTION**	To reduce the risk of fire, explosion, electric shock, or personal injury when using your MP3 player, follow these basic safety precautions:
📖 **NOTE**	Means hints or referential pages that may be helpful to operate the player.

🚫	Do NOT attempt.
✖️	Do NOT disassemble.
✋	Do NOT touch.
★	Follow directions explicitly.
⏏️	Unplug the power plug from the wall socket.
☎️	Call the service centre for help.

These warning signs are here to prevent injury to you and others.
Please follow them explicitly.
After reading this section, keep it in a safe place for future reference.

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

- 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. Instead, contact a Samsung Customer Service Centre near you.

- 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 the 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.

- Be careful when using the player with the USB cover removed.
  The USB plug is sharp and may cause injury.

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 60db and road noise is approximately 80db).
  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 the ear(s), lower the volume or stop using the earphones or headphones.

PROTECT YOUR MP3 PLAYER

- 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.

- 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.

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

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

contents

contents

contents

the basics

WHAT'S INCLUDED

Your new MP3 player comes with these accessories. If you're missing any of these items, please contact a Samsung Customer Service Centre near you.

Player	Earphones

The accessories in your box may look slightly different than these shown.

YOUR MP3 PLAYER

Right file browser button
Press to move to the next menu.

Up volume button
Press to increase the volume or move to an upper item/menu.

Down volume button
Press to reduce the volume or move to a lower item/menu.

Play/Pause/Select button
Press to select Play/Pause and a function, or move to the next screen.

Power & Hold button (⌐🔒/⏻)

Press and hold for power on/off.
Press once to lock the button functions.
Press once again to unlock the button functions.

Left file browser button
Press to move to the previous menu.

YOUR MP3 PLAYER (Continued)

Microphone

Back button
Press to move to the previous screen.
Press and hold to move to the
main menu screen.

User/Recording button
Press to access the user button mode.
For further information on the user button
mode, see page 41.
Press and hold to start/stop recording.

Screen display

YOUR MP3 PLAYER (Continued)

Clip hook

Reset hole

If a player malfunction occurs, press the reset hole with a pointed object to re-initialize the system.

USB plug

USB cover

Earphones

Labelled "L" for the left earpiece and "R" for the right earpiece. Also serves as an antenna for the FM Radio in the MP3 player.

Earphone connection jack
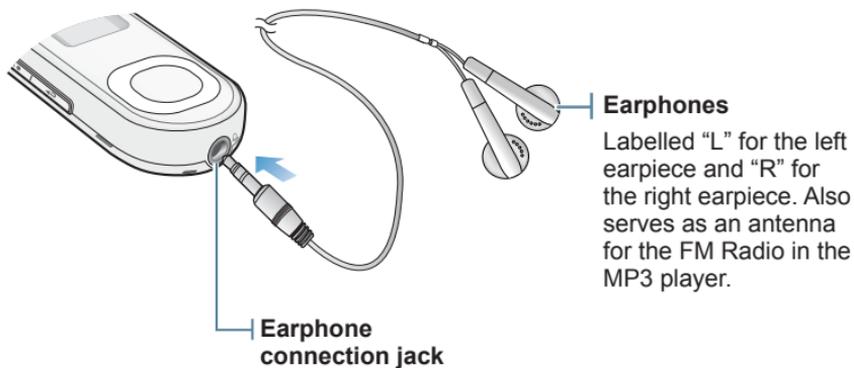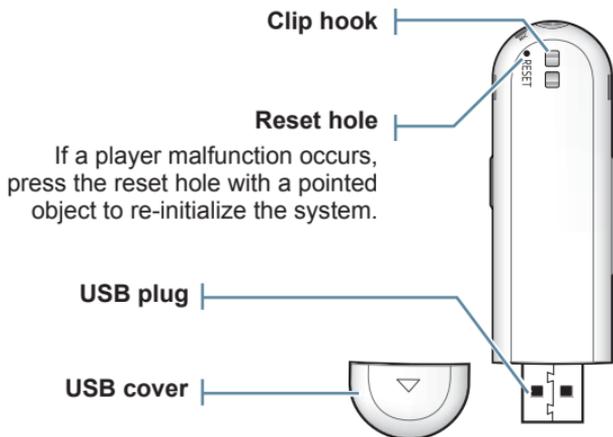
YOUR MP3 PLAYER (Continued)

Removing the USB Cover

Remove the USB cover as shown.
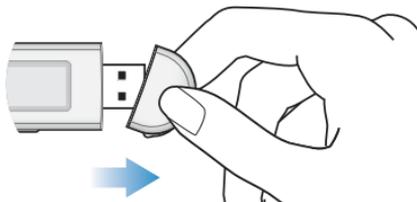
Inserting the USB Cover

Insert the USB cover so that the arrow-marked side faces the rear of the player.
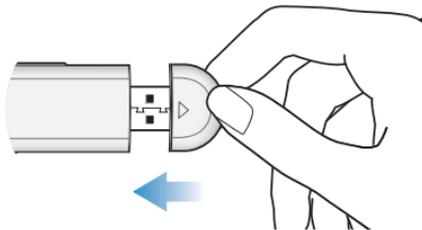
RESETTING THE SYSTEM

If your MP3 player won't turn on, won't play music, or isn't recognised by your computer when you connect it, you may have to reset the system.
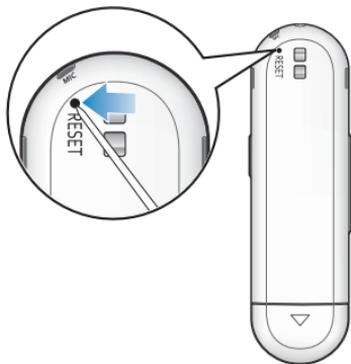
Press the Reset hole at the rear of the player with a pointed object such as a safety clip.

- The system will be initialized.
- Your settings and files will not be affected.

CHARGING THE BATTERY

Charge the player before using it for the first time and when you haven't used it for awhile.

Screen Display
- <USB Connected>
- < ▯▯▯ > - Charging
- < ▮▮▮ > - Fully Charged
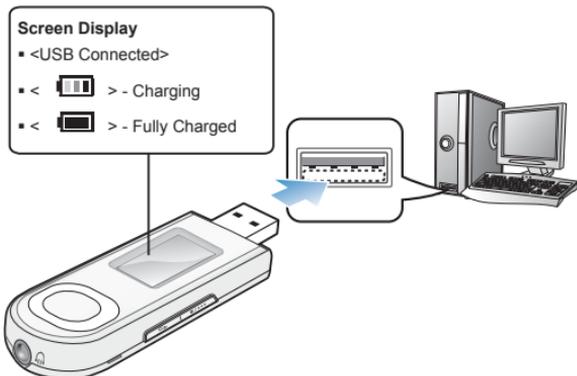
Connect the USB plug to the USB port (⟵⇌) on your PC as in the figure while your PC is on.

Charging Time	about 2.5 hours

NOTE
- Total charging time varies depending on your PC environment.
- If you are charging the player while it is connected to a laptop computer, make sure the laptop's battery is also fully charged or that the laptop is plugged into its power source.
- The battery is not charged in the PC Standby mode or when the hardware is safely removed.

CAUTION
- The player can only be charged by connecting to your PC. Do not use a separate USB AC adapter.

CARING FOR THE BATTERY

Your battery will last longer if you follow these simple guidelines for caring and storing the player.

- Recharge the battery within the temperature range of 5°C~35°C (40°F~95°F).

- Do not overcharge (longer than 12 hours).
  Excessive charging or discharging may shorten the battery's life.

- Battery life naturally shortens slowly over time.

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

TURNING THE POWER ON & OFF

Turning the Power on

Press and hold the **[⏻] button**.

▪ When you turn on the player for the first time, you will see the Popcon character setting screen. To set your own Popcon character, see step 2 on page 25.

Turning the Power off

Press and hold the **[⏻] button**.

📝
NOTE
▪ Your MP3 player will be automatically turned off when none of the buttons have been pressed for a specific length of time in the pause mode. The factory setting for **<Auto Power Off>** is 1 minute, but you can change this length of time. See page 29 for more information.

CONTROLLING THE VOLUME

You can adjust the volume while a file is playing back.

Press the **[Up, Down] button**.

- The volume range is set between 00 to 30.

DISABLING THE BUTTONS

The Hold function disables all the other buttons on the MP3 player, so that if you accidentally bump one-while working out, for example-your music won't be interrupted.

1. Press the **[⏻/🔒] button** once.

2. Press the **[⏻/🔒] button** once again to release the hold function.

BROWSING FOR FILES USING "File Browser"

Search easily for files using the **"File Browser"** function.

1. Select **<File Browser>** on the main menu screen.

2. Select a desired folder to bring up the file list.

3. Select a desired file.
  - The file will start playing.

File Browser

- Music
- Playlists
- Datacasts
- Recorded Files

DELETING FILES WITH "File Browser"

Follow steps 1-2 above.

3. Select the file that you want to delete and press the
  [⬤] button.

4. Select **<Delete File>** → **<Yes>**.
  - The file will be deleted.

Add to Playlist
Delete from Playlist
Delete File
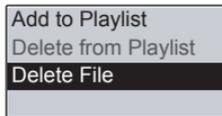
⚠ **CAUTION**   ▪ Once files are deleted, they cannot be recovered.

CHANGING THE SETTINGS AND PREFERENCES

You can change the pre-set factory values to truly customize your mp3 player.

1. Select **<Settings>** on the main menu screen.

2. Select a desired item in the setting list.

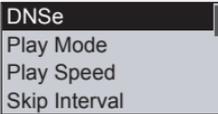**3.** Select a desired setting option.

4. Set the options you prefer.

Music
FM Radio
My Popcon
User Button(...)

[Setting list]

Music Settings

You can make detailed settings for music playback.

DNSe
Play Mode
Play Speed
Skip Interval

Music setting options

- **DNSe:** Select the right sound for each music genre. <Auto> will automatically select the corresponding DNSe according to genre and other mood information set by EmoDio. You can set <EQ> and <3D & BASS> when you have selected <myDNSe>. See page 21.
- **Play Mode:** Select playback mode such as repeat settings.
- **Play Speed :** Speed up or slow down your favourite music by adjusting the play speed.
- **Skip Interval :** You can fast forward through a file at various intervals. Skip a whole track or skip several seconds at a time.
- **Tag :** You can select to display the track information for a music file containing ID3 Tag.

> **NOTE**
> - The skip interval may differ from the actual interval, depending on the file.
> - The play speed will return to <Normal> each time <DNSe> is changed.
>
>   - **What is ID3 Tag?**
>   This is what is attached to an MP3 to carry information relevant to the file, such as the title, artist, album, year, genre and a comment field.

CHANGING THE SETTINGS AND PREFERENCES (Continued)

To set the myDNSe option

1. Select **<myDNSe>** in the DNSe option and press the **[Right] button**.

2. Set the myDNSe options you prefer.

3. Press the **[Select] button** and select **<Yes>**.
   - The setting is completed.

```
R&B
Dance
Concert Hall
√ myDNSe          >
```

```
EQ
3D & BASS
```
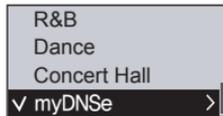
myDNSe options

- **EQ:** You can adjust individual frequencies to adjust the sound to your preference.
- **3D & BASS**: Sets 3D sound effect and bass enhancement.

FM Radio Settings

You can set FM radio frequencies automatically and also select the FM Radio mode, receiving area and reception.

Mode
Auto Preset
FM Region
FM Reception

FM Radio setting options

- **Mode:** You can switch to Manual or Preset mode.
  If no preset frequencies are set, the player will not switch to Preset mode.
- **Auto Preset:** Automatically scans for available frequencies. See page 23.
- **FM Region:** You can change an FM region in preparation for overseas travel.
- **FM Reception:** To receive more or fewer FM radio frequencies, adjust the <FM Reception>. If you select <High>, the more frequencies can be received.
- **RDS Display :** Radio Data System(RDS) provides the reception and display of messages such as broadcasting information.
  Select either <Program Type> or <Program Service>. See page 24.

NOTE

- Frequency range by region

Worldwide	Search for FM frequencies in 50 kHz increments between 87.50 MHz~108.00 MHz.
USA	Search for FM frequencies in 100 kHz increments between 87.5 MHz~108.0 MHz.
Korea	
Japan	Search for FM frequencies in 100 kHz increments between 76.0 MHz~108.0 MHz.

- FM region can be deleted or changed according to the target region of the player.

- Your previously stored radio frequencies will be deleted when you change the <FM Region> on your player.

To set Auto Preset

You can preset up to 30 stations in your MP3 player's memory and return to them with the press of just one button.

Automatic – automatically stores all the stations the player receives

1. Select **<Auto Preset>** in the FM Radio setting option.

Mode
Auto Preset
FM Region
FM Reception

2. Select **<Yes>**.

   ▪ When you have completed your settings, press the **[Left, Right] button** to select a desired preset frequency in Preset mode.

To cancel Auto Preset

If you want to cancel the auto preset, press any button in the process.

   ▪ The auto preset setting is cancelled, and only frequencies set up to that point are stored.

NOTE

   ▪ Always connect your earphones to the player when searching or setting frequencies and listening to FM Radio.
   The earphones serve as antennas to receive FM radio.

   ▪ In poor reception areas, the player may not be able to find an available FM frequency.

To set RDS Display

Radio Data System(RDS) provides the reception and display of messages such as broadcasting information. The program information such as News, Sports or Music, or the broadcasting station information is displayed on the screen.

1. Select **<RDS Display>** in the FM Radio setting option.

2. Select the RDS display option you prefer.

RDS Display

v Program Type
Program Service
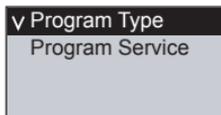
RDS Display Options

- **Program Type :** Displays the type of program currently being broadcast.
- **Program Service :** Displays the name of broadcasting station and is composed of 8 characters. If the Program Service information is being received, the Program Service name (BBC, AFO, NDR, etc.) is shown on the display. If the Program Service information isn't received, the original FM frequency is shown.

NOTE
- If FM signal strength is weak, the RDS information might not be displayed.

My Popcon Settings

You can select or create your own character.

1. Select <**My Popcon>** in the Setting list.

2. Select a desired Popcon character.

   - If you select < ✏ >, you can create and save 1 character of your own.

   - [▫▫▫/●] button : Moves to the canvas, drawing tools, <Clear> or <Save>.

   - [Select] button : You can use the drawing tools(brush, eraser) to start or end your drawing.

   - <Clear> : Clears out all of the drawing on the canvas.

   - <Save> : Saves your drawing.

3. Set <**Popcon Name>**.

   - You can set your own character name.

   - [Left, Right] button: Moves the cursor.

   - [Up, Down] button: Selects a desired letter.

Music
FM Radio
My Popcon
User Button(...)

Clear Save

Popcon Name

P O P C O N -

CHANGING THE SETTINGS AND PREFERENCES (Continued)

Sound Settings

You can set the beep sound and volume limit.

```
Beep Sound : On
Volume Limit : Off
```

Sound Setting Options

- **Beep Sound:** Sets the beep sound for button operations to on or off.
- **Volume Limit:** You can decrease the risk of hearing damage by setting the limit of the volume when using the earphones. <On> will limit the maximum volume level to 15.
  The maximum volume level when the volume limit is set to <Off> is 30. If you have selected over 15, the volume will default back to 15 when you turn the player off to decrease the risk of hearing damage when you turn the player back on.

Display Settings

Change the display off time and the screen saver.

```
Display Off Time
Screen Saver
```

Display Setting Options

- **Display Off Time:** If no button is pressed within the set time, the screen display will automatically be turned off. Press any button to turn the display back on.
- **Screen Saver:** After the display is turned off, the player will display the screen saver image at 15 seconds' interval when none of the buttons have been pressed within the wait time. Select the screen saver image and the wait time.

NOTE
- The screen saver will be deactivated while in FM radio or record mode.

CHANGING THE SETTINGS AND PREFERENCES (Continued)

Language Settings

The menus on your new MP3 player can be set to appear in any one of the available languages. You can change your preference language easily.

```
Menu
ID3 Tag
```

Language setting options

- **Menu:** Set the menu language. Select <English>, <한국어>, <Français>, <Deutsch>, <Italiano>, <日本語>, < 简体中文>, < 繁體中文>, <Español>, <Русский>, <Magyar>, <Nederlands>, <Polski>, <Português>, <Svenska>, <ไทย>, <Čeština>, <Ελληνικά>, <Türkçe>, <Norsk>, <Dansk>, <Suomi>, <Español (Sudamérica)>, <Português (Brasil)>, <Indonesia>, <Tiếng Việt>, <български>, <Română>, <Українська>, <Slovenščina> or <Slovenský>.

- **ID3 Tag:** Set the language in which the track information will appear. Select from <English>, <Korean>, <French>, <German>, <Italian>, <Japanese>, <Simplified Chinese>, <Traditional Chinese>, <Spanish>, <Russian>, <Hungarian>,<Dutch>, <Polish>, <Portuguese>, <Swedish>, <Thai>, <Finnish>, <Danish>, <Norwegian>, <Afrikaans>, <Basque>, <Catalan>, <Czech>, <Estonian>, <Greek>, <Hrvatski>, <Icelandic>, <Romanian>, <Slovak>, <Slovene>, <Turkish> or <Vietnamese>.

> **NOTE**
> - The supported languages can be changed or added.
> - **What is ID3 Tag?**
>   This is what is attached to an MP3 to carry information relevant to the file, such as the title, artist, album, year, genre and a comment field.

Date&Time Settings

Set the current date and time.

```
Date
Time
```

Date&Time setting options

- **Date:** You can set the current date. Set the Year, Month, and Date.
- **Time:** You can set the current time. Set the Hour and Min.

System Settings

Choose the sleep timer, auto power off and default setting that's right for you.
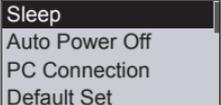
Sleep
Auto Power Off
PC Connection
Default Set

System setting options

- **Sleep:** Turns off power automatically after the preset time.
- **Auto Power Off:** Automatically turns power off when the unit is in Pause mode and there is no button operation within the preset time.
- **PC Connection:** You can set USB connection to the PC to either <MSC> or <MTP>. The default (factory) setting is <MTP>.
  Selecting <MSC> will set the player for use as a removable storage device. See page 30.
- **Default Set:** Returns all settings to the default value.
- **Format :** Formats the internal memory. Check before formatting it.
- **About:** Checks the firmware version and memory capacity.
  <Firmware Version> - Displays the current firmware version.
  <Memory> - <Used> indicates the usage, <Remaining> indicates the remaining capacity and <Total> indicates the total memory capacity.
- **Demo mode**: If you set it to <On>, the player repeats playing music files in the music folder.

NOTE

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

When the pc connection is set to <MSC>

Using as a removable disk

You can use the player as a removable storage device.

★ ▪ **Before you start** - Connect the player to your PC.

1. Open files/folders to transfer on your PC.

2. Open **<My Computer>** → **<U5>** on the desktop.

3. Select the files/folders to transfer from your PC and drag-and-drop them to a folder of your choice in the **<U5>**.

▪ The selected folders or files are transferred to the player.
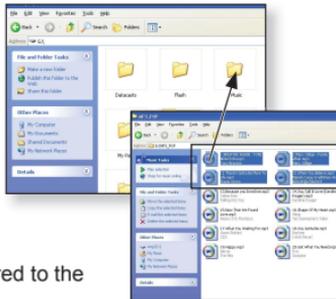
⚠️ ▪ The file transfer message will appear during file download or upload.
CAUTION Disconnecting the USB plug while the message is displayed may cause a player malfunction.

▪ The order of music files displayed in your PC may differ from the play order on your player.

▪ If you transfer a DRM (Digital Rights Management) file to the player, the file will not be played.

📝 ▪ **What is DRM?**
NOTE Digital Rights Management (DRM) is a technology and service to prevent the illegal use of digital contents and protect the profit and rights of copyright holders. DRM files are music files applied with copy protection technology.

When the pc connection is set to <MSC> (Continued)

Disconnecting from your PC

Follow the steps below to prevent damage to the player and data when disconnecting from your PC.

1. Place the mouse cursor on top of the 🗇 icon on the taskbar at the bottom right corner of the desktop and click the left mouse button.

2. Click the **<Safely Remove USB Mass Storage Device Drive>** message.

3. Disconnect the player from your PC.

Safely remove USB Mass Storage Device - Drive(G:)
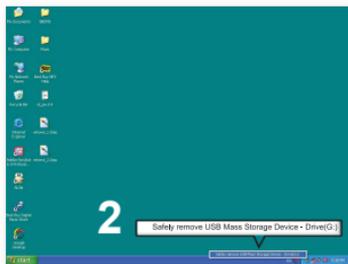
⚠ **CAUTION**
- Do not disconnect the player from the PC during file transfer. This may cause damage to data and the player.
- You cannot safely disconnect the player while files within the player are being played on your PC. Please retry after file playback is finished.

EmoDio

EmoDio is a software application provided for this MP3 player for various content-related services as well as device support.

⭐ ▪ **Before you start** - Follow the quick start guide to install EmoDio.
Connect the player to your PC.
<EmoDio> will automatically start when the player is connected to your PC.
If the program does not start automatically, double click the <EmoDio> icon 🎵 on the desktop.

PC REQUIREMENTS

Your PC system must meet the following minimum specifications in order to install and run EmoDio:

- Pentium 500MHz or higher
- USB Port 2.0
- Windows XP Service Pack 2 or higher
- DirectX 9.0 or higher
- 300MB of free hard disc space

- CD Rom Drive (2X or higher)
- Windows Media Player 10.0 or higher
- Resolution 1024 X 768 or higher
- Internet Explorer 6.0 or higher
- 512 MB RAM or higher

USING EMODIO

EmoDio is the easy-to-use software application that helps you organize your files on your PC. With your files already sorted and organized in EmoDio, you can quickly transfer them to your MP3 player without searching your entire hard drive for the right file.
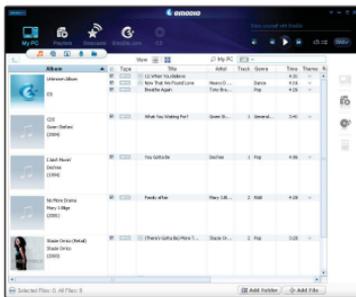
"EmoDio" file transfer is the easiest way to get files from your PC to your MP3 player.

My PC

With "EmoDio", you can create your own collection, or album, of audio files.

Playlists

You can transfer blog information and music files registered on RSS to the player for your entertainment.

Datacasts

It's an online community service for EmoDio.com users. It provides simple and easy upload / download of content produced by using EmoDio and ways to share your stories with other users in the community.

EmoDio.com

⚠ **CAUTION**

- Do not disconnect the USB plug during file transfer. Disconnecting during transfer may damage the player or your PC.

- To avoid an unstable connection, connect the player to the computer directly rather than through a USB hub.

📝 **NOTE**

- All functions on the player are disabled during the PC connection.

- Use FAT 32 for the file system when formatting the player on your PC.
  In Windows Vista, click Restore device defaults and format it.

- If you connect the USB plug to the PC and the player's battery charge is low, the player will be charged for several minutes before connecting to the PC.

- Music recognition technology and related data are provided by Gracenote and Gracenote CDDB® Music Recognition Service℠.

- CDDB is a registered trademark of Gracenote. The Gracenote logo and logotype, the Gracenote CDDB logo and logotype, and the "Powered by Gracenote CDDB" logo are trademarks of Gracenote. Music Recognition Service and MRS are service marks of Gracenote.

listening to music

⭐ • **Before you start -** Connect the earphones, then turn on the player, and check the battery.

LISTENING BY CATEGORY

Music 🎵	Now Playing Artists Albums Songs	▶ 1/3 →N NOR 🔋 **Samsung** 00:02:18

1. Select **<Music>** on the main menu screen.

2. Select a desired item in the music list.

3. Select a music file to play.
   • The music will start playing.

LISTENING BY CATEGORY (Continued)

Music List

File information including the artist name, album name, music title and genre will be displayed according to the ID3 Tag information on the appropriate music file. A file without an ID3 Tag is displayed as [Unknown].

- **Now Playing :** Plays a recently played file or moves to the playback screen of the current file.
- **Artists** : To play by artist.
- **Albums** : To play by album.
- **Songs** : To play in numeric or alphabetical order.
- **Genres** : To play by genre.
- **Playlists** : To play by Playlist.
- **Recorded Files** : Shows all recorded files.
- **Music Browser** : Shows all the music files stored in the Music Folder.

NOTE
- **What is an ID3 Tag?**
  This is what is attached to an MP3 to carry information relevant to the file such as the title, artist, album, year, genre and a comment field.

MUSIC PLAYBACK DISPLAY
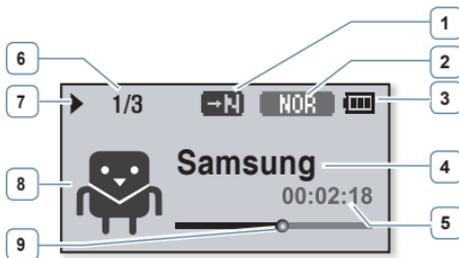
1	**Play Mode Indicator**	**6**	**Current track playing / Total number of tracks Indicator**
2	**DNSe/Play Speed Indicator**	**7**	**Play/Pause/Search Indicator**
3	**Battery Status**	**8**	**Popcon Character / Album Cover Image**
4	**Music Title**	**9**	**Play Status Bar**
5	**Current Play Time**		

NOTE
- The screen pictures are for illustration purposes only. The actual screen may differ.
- If there is no album cover image in ID3 tag, the character image selected in <My Popcon> will appear.

BUTTONS FOR PLAYBACK CONTROL

[Left] button	Press once 3 seconds after the current file started playing to play the beginning of the current file.
	Press twice 3 seconds after the current file started playing to play the previous file.
	Press and hold to move backwards in the current file.
[Select] button	Press to pause during playback.
	Press to resume playing.
[Right] button	Press to play the next file.
	Press and hold to move forwards in the current file.
[Up] button [Down] button	Press to increase/ reduce the volume.

NOTE
- When playing VBR files, the [Left] button function shown above may not operate properly.

CREATING A PLAYLIST ON YOUR MP3 PLAYER

If you've already downloaded files to your MP3 player, you can create a "Favourites" playlist without EmoDio or your PC.

To add a file to the Playlist

1. Select **<Music>** on the main menu screen.

2. Select **<Music Browser>**.

3. Select a file to add to the playlist and press the **[⌞···/•] button**.

4. Select **<Add to Playlist>**.

5. Select a playlist to add the selected file.
   - The selected file will be added to the playlist.

   ![NOTE]
   - You can add up to 100 music files to each playlist.
   - For information on how to create a playlist in <EmoDio> and transfer it to the player, refer to <EmoDio>.

| Genres |
| Playlists |
| Recorded Files |
| Music Browser |

| Add to Playlist |
| Delete from Playlist |
| Delete File |

| Playlist 1 |
| Playlist 2 |
| Playlist 3 |
| Playlist 4 |

To play a file in the Playlist

1. Select **<Music>** on the main menu screen.

2. Select **<Playlists>**.

3. Select a desired playlist.

4. Select a music file to play.
   - The music file will start playing.

| Genres |
| Playlists |
| Recorded Files |
| Music Browser |

| Playlist 1 |
| Playlist 2 |
| Playlist 3 |
| Playlist 4 |

CREATING A PLAYLIST ON YOUR MP3 PLAYER (Continued)

To delete a file from a playlist

1. Select **<Music>** on the main menu screen.

2. Select **<Playlists>**.

3. Select a desired playlist.

4. Select a music file to delete and press the
   [⬛⬛/●] button.

5. Select **<Delete from Playlist>** → **<Yes>**.
   - The selected file is deleted from the playlist.

Genres
Playlists
Recorded Files
Music Browser

Playlist 1
Playlist 2
Playlist 3
Playlist 4

Add to Playlist
Delete from Playlist
Delete All from Pla...

To delete all files from a Playlist

Follow steps 1-3 above.

4. Press the **[⬛⬛/●] button**.

5. Select **<Delete All from Playlist>** → **<Yes>**.
   - All files are deleted from the playlist.

Add to Playlist
Delete from Playlist
Delete All from Pla...
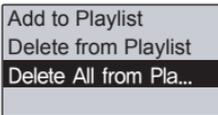
USER BUTTON CUSTOM FUNCTION

You can set the [⬛] button to control one of four modes listed below.
After setting, you can access the mode directly with the [⬛] button.

To set the User Button Mode

Use the [⬛] **button** during playback to change the mode.

1. Select **<Settings>** on the main menu screen.

2. Select **<User Button>**.

3. Select a desired user button mode.
   - After setting, press the [⬛] button on the
     music play screen. The user button function guide
     in each mode will appear for a short time.

Music
FM Radio
My Popcon
User Button(...)

Study Mode
✓ DNSe
Play Speed
Play Mode
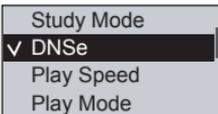
User Button Mode Options

- **Study Mode:** Sets as the Study mode.
- **DNSe:** Allows you to select an appropriate sound effect for music.
- **Play Speed:** Adjusts the playback speed between fast and slow.
- **Play Mode:** Selects the repeat playback mode.

📝 **NOTE**
- The default (factory) setting of user button mode is set to <DNSe>.

USER BUTTON CUSTOM FUNCTION (Continued)

To use the Study Mode

The Study mode is used for language learning where you will frequently use such functions as section repetition and play speed.

1. Set **<User Button>** to **<Study Mode>**.

2. Press the **[⋯•/•] button** on the music play screen to enter the Study mode.

✓ Study Mode
DNSe
Play Speed
Play Mode
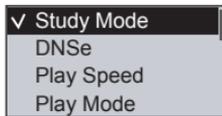
To set Section Repeat

This function enables you to listen to specific parts of a track repeatedly.

1. Press the **[⋯•/•] button** at the beginning of the section you want to repeat.

   - The starting point is set and < A- > will appear.

▶ Study A-B	
Samsung	00:02:18

2. Press the **[⋯•/•] button** again to set the ending of the section you want to repeat.

   - < A-B > will appear and the specified section starts to play repeatedly.

To cancel Section Repeat

Press the **[⋯•/•] button** again during Section Repeat.

- Section Repeat will be cancelled.

> **NOTE**
> - Section Repeat will not be set in the following circumstances.
>   - The starting point of the section repeat is set but the ending point is not set until after the current track ends.
>   - The end point is set for less than 3 seconds of playback after the start point.

USER BUTTON CUSTOM FUNCTION (Continued)

To use the Study Mode (continued)

To set the Play Speed

Speed up or slow down your favourite music by adjusting the play speed.

Use the **[Up, Down] button** to select a desired speed.

- Select from SLOW1, SLOW2, SLOW3, NOR (Normal), FAST1, FAST2 and FAST3.

```
▶ Study            FAST1  ▭
Samsung
                        00:02:18
```

To use the Skip Interval

Use the **[Left, Right] button** to move at 10 seconds' interval while listening to music.

Press the **[Left, Right] button** to move backward or forward in the current file.

```
▶ Study                    ▭
Samsung
                        00:02:28
```
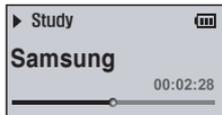
NOTE
- The skip interval may differ from the actual interval, depending on the file.

USER BUTTON CUSTOM FUNCTION (Continued)

To set the Digital Natural Sound engine (DNSe)

Select the right sound for each music genre.

1. Set **<User Button>** to **<DNSe>**.

2. Press the **[••/•] button** on the music play screen to select a desired DNSe mode.

   ▶ 1/3 ⏷N NOR ▥
   Samsung
   00:02:18

   - The DNSe mode changes in the following order each time the button is pressed STUDIO (Studio) → ROCK (Rock) → R&B (R&B) → DANCE (Dance) → C:HALL (Concert Hall) → myDNSe (myDNSe) → <Auto> → NOR (Normal).
   - <Auto> will automatically select the corresponding DNSe according to genre and other mood information set by EmoDio.

   ![note] **What is DNSe?**
   Digital Natural Sound Engine (DNSe) is a sound effect function for MP3 players developed by Samsung. It provides various sound settings to enhance the type of music you're listening to.

To set the Play Speed

Adjusts the playback speed between fast and slow.

1. Set **<User Button>** to **<Play Speed>**.

2. Press the **[••/•] button** on the music play screen to select a desired play speed.

   ▶ 1/3 ⏷N FAST1 ▥
   Samsung
   00:02:18

   - The play speed changes in the following order each time the button is pressed SLOW1(Slow1) → SLOW2(Slow2) → SLOW3(Slow3) → FAST3(Fast3) → FAST2(Fast2) → FAST1(Fast1) → NOR (Normal).

USER BUTTON CUSTOM FUNCTION (Continued)

To set the Play Mode

Select the playback mode from the options below.

1. Set **<User Button>** to **<Play Mode>.**

2. Press the **[⋯/●] button** on the music play
   screen to select a desired play mode.
   - The play mode changes in the following order each
     time the button is pressed

     ▤ (Repeat) → ▤ (Repeat One) → ⤫ (Shuffle) → ▤ (Normal)
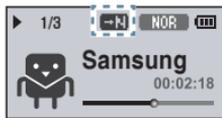
Play Mode Options

- ▤ : Plays all files of the current music list in order once.
- ▤ : Repeats playing all files in the current music list.
- ▤ : Repeats playing one file.
- ⤫ : Repeats all files of the current music list at random.

more than music

You'll enjoy much more than music with your new MP3 player. Listen to FM Radio, download Datacasts and make Voice recordings. Your MP3 player brings this and more right to the palm of your hand.

⭐ ▪ **Before you start -** Connect the earphones, then turn on the player, and check the battery.

LISTENING TO FM RADIO

Select **<FM Radio>** on the main menu screen.

▪ FM radio reception will start.

FM Radio

To use the mute function

1. Press the **[Select] button** while listening to FM Radio.

2. Press the **[Select] button** once again to resume listening.

📝
NOTE
▪ Always connect your earphones to the player when searching or setting frequencies and listening to FM Radio.
The earphones serve as antennas to receive FM radio reception.

▪ In poor reception areas, the player may not be able to find an available FM frequency.

LISTENING TO FM RADIO (Continued)

FM Radio Display

1	**Mute Indicator**
2	**Battery Status**
3	**Frequency Location Indicator**
4	**Manual/Preset Mode Indicator**
5	**Radio Mode Indicator**
6	**Current Frequency(MHz) Indicator**
7	**RDS Indicator**
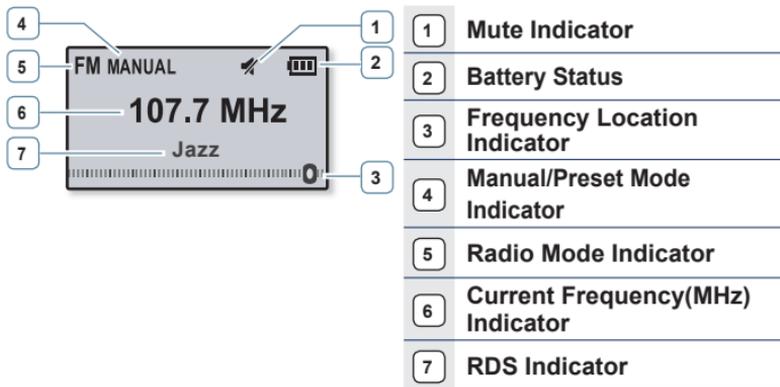
NOTE ▪ The screen pictures are for illustration purposes only. The actual screen may differ.

To search for FM stations

Press and hold the **[Left, Right] button** and then release in Manual mode.

▪ The search will stop at the frequency nearest from the point the button is released.

OR,

Press the **[Left, Right] button** to progress through the frequencies one by one in Manual mode.

▪ Moves to frequencies whenever the button is pressed.

LISTENING TO FM RADIO (Continued)

To switch to Preset Mode

Select this mode if you want to search through your saved FM presets one preset at a time.

Press and hold the **[Select] button** in Manual mode.

> **NOTE** ▪ If no preset frequencies are set, the player will not switch to Preset mode.

To switch to Manual Mode

Select this mode if you want to manually search through the FM band one frequency at a time.

Press and hold the **[Select] button** in Preset mode.

To store stations in the Preset memory

You can store up to 30 stations in your MP3 player's memory and return to them with the press of just one button.
Manual - choose only the stations you want to store

Select a frequency to preset in Manual mode and press the **[〔 ···/● 〕] button**.

- The selected frequency will be added to the preset list.

> **NOTE** ▪ To scan for a preset frequency automatically, refer to page 23.

Added

To listen to preset stations

Press the **[Left, Right] button** in Preset mode.

- You can listen to the stored radio frequency.

FM PRESET **1**
107.7 MHz
Jazz

To delete a preset

You can delete frequencies while listening to FM Radio as follows.

Search for a preset frequency to delete in Preset mode and press the **[〔 ···/● 〕] button**.

- The selected frequency will be deleted.

Deleted

LISTENING TO FM RADIO (Continued)

To record FM Radio broadcasting

You can record an FM radio program at any time while listening to the radio.

Select a frequency to record on the FM Radio screen and press and hold the **[⸱⸱⸱/•] button**.

* The player starts recording.

```
● FM Radio              📶
     107.7 MHz
  FM_090224_001.MP3
  00:05:16 / 44:35:52
```

To stop recording

1. Press and hold the **[⸱⸱⸱/•] button** during the recording.

   * A message appears asking you if you want to listen to the file you just recorded.

```
  Playback recorded
       file?
      Yes  No
```
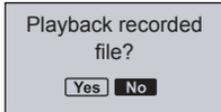
2. Select **<Yes>** or **<No>**.

   * Selecting <Yes> will play the just recorded file.
   * Selecting <No> will not play the recorded file.

📝
NOTE
* Press the [Select] button if you want to pause recording.
* The recorded file is saved in MP3 format.
* The recorded file is stored in <File Browser> → <Recorded Files> → <FM Radio>.
* Each recording file can be as long as 4 hours.
* You can store a maximum of 999 files by the date for FM radio recording.
* You can make a recording for up to approximately 15 hours. (based on 128Kbps, 1GB)

USING THE FITNESS MODE

You can check expected calorie consumption during exercise (Fitness mode), depending on the exercise activity, your weight and length of exercise.

⭐ • **Before you start -** First, you should set the clock for the current time. See page 28.

To set your weight

Set your weight before starting the Fitness mode.

1. Select **<Fitness>** on the main menu screen.

2. Select **<Body Info>**.

3. Set your weight and the unit of measurement.
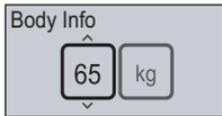
To set your daily exercising target

Set your desired daily calorie burn.

1. Select **<Fitness>** on the main menu screen.

2. Select **<Daily Goal>**.

3. Set a desired calorie burn.

USING THE FITNESS MODE (Continued)

To use the audio guide

You can listen to an audio guide with valuable information such as the name of the exercise activity and the elapsed time while in the fitness mode.

1. Select **<Fitness>** on the main menu screen.

2. Select **<Audio Guide>** → **<On>**.

Daily Goal
Audio Guide
Body Info
Performa...

Walk1

NOTE

▪ The audio guide will not be heard while listening to music or FM radio.

USING THE FITNESS MODE (Continued)

To start the Fitness mode

1. Select **<Fitness>** on the main menu screen.

2. Select a desired exercise activity and press the **[Select] button.**
- Select from <Walk1> (Walk Slow), <Walk2> (Walk Fast), <Run1> (Run Slow), <Run2> (Run Fast), <Hiking>, <Cycle>, <Yoga>.

3. Set a desired exercising time.
- You can select from <10min> to <600min> in 10 minute increments.

4. Set a desired listening option.

5. Press the **[Select] button**.
- The fitness mode gets started.

Listening Options

- **Now Playing:** Plays a recently played file.
- **Playlist:** Plays the files in a recently played playlist.
- **FM Radio:** Tunes in to a recently listened FM frequency.
- **Shuffle Play:** Plays the files in a recently played music list at random.

> **NOTE**
> - Press the [Select] button if you want to pause the fitness mode.
> - Each time you press the [⬚] button, you can check the music title or calorie burn.

USING THE FITNESS MODE (Continued)

To stop the Fitness mode

Press the **[⟵] button**.

```
02:18
2 kcal
```

To check your exercise record

You can check your exercise completion rate.

1. Select **<Fitness>** on the main menu screen.

2. Select **<Performance>**.

3. Select a date to check your record.
   ▪ You can check the exercising time, calorie consumption(burn) and completion rate.

```
2009/02/24
Duration:  0h 06m
Consumed:    5kcal
2% of Goal
```

NOTE
▪ Up to 30 exercising records can be saved.

USING DATACASTS

You can automatically receive updated information without having to visit your frequently visited news, blog and UCC sites every time.

★ ▪ **Before you start -** Transfer a desired channel post to the player using <EmoDio>

Playing Datacasts

You can enjoy music files of the transferred datacasts by accessing <Datacasts> on your player.

1. Select **<Datacasts>** on the main menu screen.

2. Select a desired channel title.

3. Select a desired file.
   ▪ The selected file will start playing.

Datacasts

🖉 ▪ Refer to the <Datacasts> of <EmoDio> for detailed
NOTE instructions.

📁 Datacast 1
📁 Datacast 2
📁 Datacast 3
📁 Datacast 4
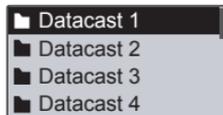
VOICE RECORDING

You can record your own voice, speeches, lectures, and other outside sounds with your MP3 player.

To make a voice recording

1. Select **<Voice REC>** on the main menu screen.

2. Press the **[Select] button**.
   - The player starts recording.

Voice REC

NOTE
- You can make a voice recording at any time by pressing and holding the [◦◦◦/●] button.
- Press the [Select] button if you want to pause recording.

CAUTION
- Do not put the microphone too close to or far away from your mouth as it may cause a poor recording.
- Voice recording does not perform properly when the battery is low.

To stop voice recording

1. Press and hold the **[⬚⬚⬚/●] button** during the recording.

   ▪ A message appears asking you if you want to listen to the file you just recorded.

```
● Voice                    🔋
          • • • • • •
VCE_090224_001.MP3
00:05:16  /  44:35:52
```

2. Select **<Yes>** or **<No>**.

   ▪ Selecting <Yes> will play the just recorded file.
   ▪ Selecting <No> will not play the recorded file.

NOTE
- The recorded file is saved in MP3 format.
- The recorded file is stored in <File Browser> → <Recorded Files> → <Voice>.
- Each recording file can be as long as 4 hours.
- You can store a maximum of 999 files by the date for voice recording.
- You can make a recording for up to approximately 15 hours. (based on 128Kbps, 1GB)

troubleshooting

If you have a problem with your new MP3 player, check for a solution in this list. If the problem persists, contact your local Samsung Customer Service Centre.

PROBLEM	SOLUTION
Power will not turn on.	• Power will not turn on if the battery is completely drained. Recharge the battery and turn the power on again. • Press the Reset hole.
Buttons do not work.	• Check if the Hold function is set to lock all button operations. • Ensure that you press the right button before trying. • Press the Reset hole.
The screen will not turn on.	• The screen may not be visible under direct sunlight. • When **<Display Off Time>** is selected from **<Settings>** → **<Display>**, the screen display can be turned off. Press any button and see if it turns on.
Power is turning off.	• The power is automatically turned off when the battery is completely drained. Recharge the battery. • If **<Auto Power Off>** is selected from **<Settings>** → **<System>**, the Power will be turned off when the player is in Pause mode. Turn on the Player.

PROBLEM	SOLUTION
Battery life differs from what is stated in the manual.	• The battery life can vary depending on the sound mode and display settings. • Battery life may be shortened when the player is left for extended periods in low or high temperatures.
EmoDio Program malfunction.	• Check if your PC meets the basic system requirements.
Connection to your PC is disabled.	• Check the USB plug if it's correctly connected and try again. • Run Windows Update on your PC. Select Key Updates and Service Packs, then update all. Reboot your PC and reconnect.
The file transfer rate is too slow.	• If you are running multiple programs including <EmoDio> on your PC, the file transfer rate will be slow. Exit unnecessary programs and try transferring again.
Player isn't playing.	• Check if the available file has been saved in the memory. • Check if the music file is damaged. • Check if there is enough battery power.

PROBLEM	SOLUTION
File upload doesn't work.	• Check if the USB plug is securely connected. Reconnect if necessary. • Check if the memory is full. • Press the Reset hole.
Files or data are missing.	• Check if the USB plug has been disconnected during file or data transmission. If this is the case, it may cause serious damage not only to files/data but also to the product. Samsung is not responsible for data loss.
Abnormal play time display during play.	• Check if the file is in Variable Bit Rate (VBR) format.
Abnormal display of file name.	• Go to **<Settings> → <Language> → <ID3 Tag>** in the Main Menu screen and set an appropriate language.
The product is hot.	• Heat may be generated during recharging. This has no effect on the product life or functions.

appendix

MENU TREE

Here's a quick look at how the menus and functions are organized on your new MP3 player.

Menu Select Screen

Music	FM Radio	Fitness	Datacasts	Voice REC	File Browser	Settings

Settings submenu:

Music	FM Radio	My Popcon	User Button	Sound	Display	Language	Date&Time	System
DNSe	Mode	Popcon Character	Study Mode	Beep Sound	Display Off Time	Menu	Date	Sleep
Play Mode	Auto Preset	Popcon Name	DNSe	Volume Limit	Screen Saver	ID3 Tag	Time	Auto Power Off
Play Speed	FM Region		Play Speed					PC Connection
Skip Interval	FM Reception		Play Mode					Default set
Tag	RDS Display							Format
								About
								Demo Mode

PRODUCT SPECIFICATIONS

Model Name	YP-U5
Rating	DC 5.0V/ 500mA
Built-in Battery Power	160mAh / DC 3.7V
File Compatibility	MPEG1 Layer3 (8kbps ~ 320kbps, 32kHz ~ 48kHz), MPEG2 Layer3 (32kbps ~ 160kbps, 16kHz ~ 24kHz), MPEG2.5 Layer3 (32kbps ~ 160kbps, 8kHz ~ 12kHz), WMA(48kbps ~ 320kbps, 8kHz ~ 48kHz), ASF(Audio) (8kbps ~ 192kbps, 8 ~ 48kHz), Ogg(Q0 ~ Q10), FLAC(Free Lossless Audio Codec)
Supported Number of Folders/Files	File: Max. 3000 (Including folder)
Earphone Output	18mW/Ch. (France 5mW/Ch.) (based on 16Ω)
Output Frequency Range	40Hz~20kHz
Signal to Noise Ratio	88dB with 20kHz LPF(based on 1kHz 0dB)
Play Time	Music : Max. 20 hours (MP3 128kbps, Volume: 15, Normal Sound Mode , LCD Off)
Temperature Range for Operation	-5~35°C (23~95°F)
Case	Plastics
Weight	23 g
Dimensions (WxHxD)	25 x 88 x 11.8 mm

FM Radio	FM Frequency	87.5~108.0MHz	FM T.H.D	1%
	FM Signal to Noise Ratio	50 dB	FM Useable Sensitiivity	32dBμ

The contents of this Manual are subject to change without prior notice for further improvement.

LICENCE

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The licence does not cover any product player other than this product player and the licence does not extend to any unlicenced 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.

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.

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/ca
MEXICO	01-800-SAMSUNG(726-7864)	www.samsung.com/mx
U.S.A	1-800-SAMSUNG(726-7864)	www.samsung.com/us
ARGENTINE	0800-333-3733	www.samsung.com/ar
BRAZIL	0800-124-421, 4004-0000	www.samsung.com/br
CHILE	800-SAMSUNG(726-7864)	www.samsung.com/cl
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