

YP-S3

MP3 Player

user manual

imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service, please
register your product at
www.samsung.com/global/register



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, vibrant pictures, and action-packed games. You'll love your new MP3 player, whether you're exercising, downloading your favorite tunes, watching videos, playing games, or even listening to FM Radio. Use it once, and you'll wonder how you ever lived without it.

PUTTING THE "MULTI" IN MULTIMEDIA

We call it an MP3 player, but it's much more than that. It allows you to view pictures, text, and videos and listen to FM radio and play games.

TOUCH NAVIGATION!

You can tap on the touch pad to navigate through the menus.

WHERE FORM MEETS FUNCTION

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

LONGER PLAY TIME AND SHORTER DOWNLOADING!











A fully charged battery can play up to 25 hours of music, or 4 hours of video. 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.

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 center 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 Center 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 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 exercise or a walk.



WARNING

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

PROTECT YOURSELF



- 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 95°F (35°C), 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 color and check "Fit to Page" in the print option for better viewing.

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the basics

WHAT'S INCLUDED

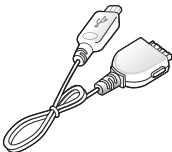
Your new mp3 player comes with these accessories. If you're missing any of these items, contact Samsung Customer Service center near you.



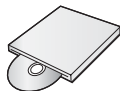
Player



Earphones



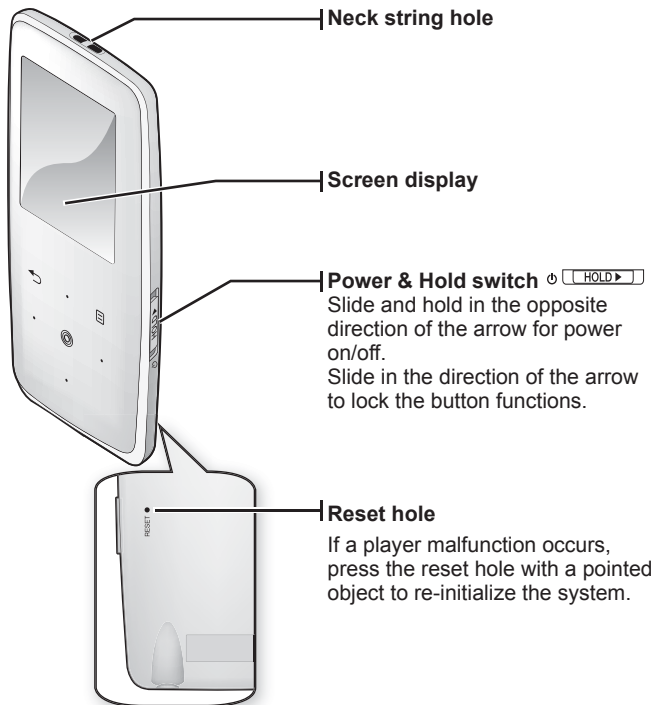
USB Cable



Installation CD

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

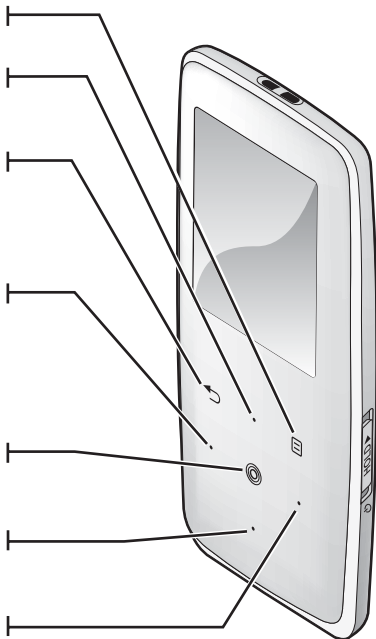
YOUR MP3 PLAYER



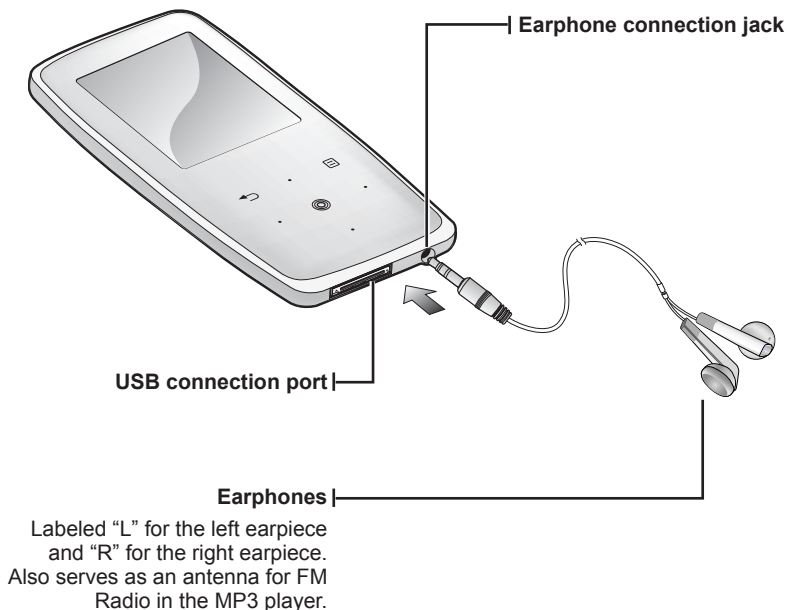
YOUR MP3 PLAYER (Continued)

These buttons are 'Touch Sensitive' buttons.

- ☰ **Menu button**
Tap to display the menu.
- **Up volume button**
Tap to increase the volume or move to an upper item/menu.
- ↶ **Back button**
Tap to move to the previous screen.
Press and briefly hold to move to the main menu screen.
- **Left file browser button**
Tap to move to the previous track/menu or play the current track from the beginning.
Press and briefly hold to quickly scan tracks.
- ⏸ **Play/Pause, Select button**
Tap to select the play/pause and a function, or move to the next screen.
- **Down volume button**
Tap to reduce the volume or move to a lower item/menu.
- **Right file browser button**
Tap to move to the next track/menu. Press and briefly hold to quickly scan tracks.

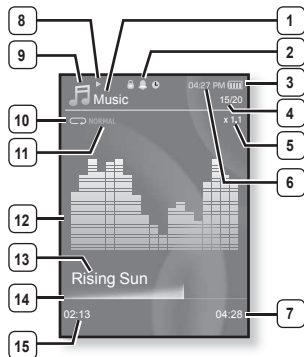


YOUR MP3 PLAYER (Continued)



SCREEN DISPLAYS

Music



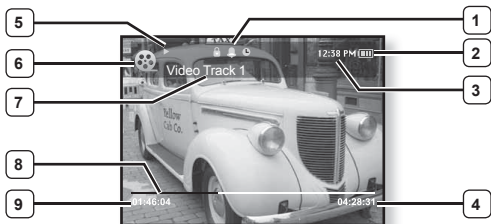
- | | |
|----|--|
| 1 | Parent Menu Indicator |
| 2 | Lock/Alarm/Sleep Timer Indicator |
| 3 | Battery Status |
| 4 | Current track playing / Total number of tracks Indicator |
| 5 | Play Speed Indicator |
| 6 | Current Time |
| 7 | Total Play Time |
| 8 | Play/Pause, Search Indicator |
| 9 | Music Mode Indicator |
| 10 | Play Mode Indicator |
| 11 | DNSe Mode Indicator |
| 12 | Music Play Screen |
| 13 | Music Title |
| 14 | Play Status Bar |
| 15 | Current Play Time |



▪ The screen pictures are for illustration purposes only. The actual screen may differ.

SCREEN DISPLAYS (Continued)

Video



1 Lock/Alarm/Sleep Timer Indicator

2 Battery Status

3 Current Time

4 Total Play Time

5 Play/Pause, Search Indicator

6 Video Mode Indicator

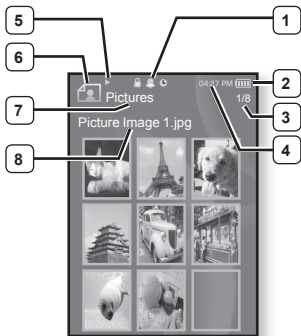
7 File Name

8 Play Status Bar

9 Current Play Time

SCREEN DISPLAYS (Continued)

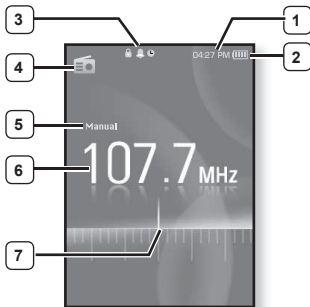
Picture



[Preview Screen]

- | | |
|---|--|
| 1 | Lock/Alarm/Sleep Timer Indicator |
| 2 | Battery Status |
| 3 | Current file / Total number of files Indicator |
| 4 | Current Time |
| 5 | Music Play Status |
| 6 | Picture Mode Indicator |
| 7 | Parent Menu Indicator |
| 8 | File Name |

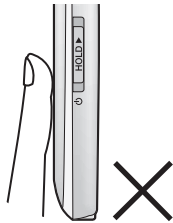
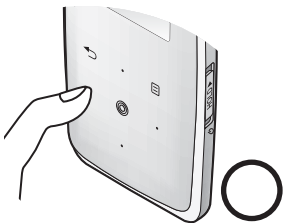
FM Radio



- | | |
|---|----------------------------------|
| 1 | Current Time |
| 2 | Battery Status |
| 3 | Lock/Alarm/Sleep Timer Indicator |
| 4 | Radio Mode Indicator |
| 5 | Manual/Preset Indicator |
| 6 | Current Frequency(MHz) Indicator |
| 7 | Frequency Location Indicator |

USING THE TOUCH BUTTON

Tap on the touch button with your fingertip.



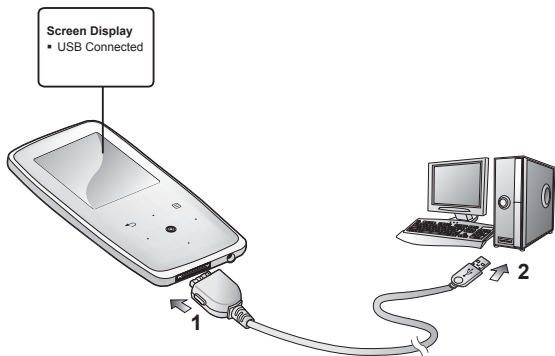
NOTE

- To avoid damage to the touch button, do not use any object other than your fingers to operate it.
- Do not tap on the touch button if your fingers are not clean.
- Do not tap on the touch button with gloves on.
- The touch button may not function if you use a fingernail or other instruments such as a ballpoint pen.

CHARGING THE BATTERY

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

The battery for your mp3 player will fully charge in about 4 hours, although total charging time varies depending on your PC environment.



1. Connect the larger end of the USB cable to the USB Connection Port on the bottom of the player.
2. Connect the USB cable to the USB port (↔) on your PC.

CARING FOR THE BATTERY

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

- Recharge the battery within the temperature range of 40°F~95°F (5°C~35°C).
- Do not overcharge (longer than 12 hours).
Excessive charging or discharging may shorten the battery's life.
- Battery life naturally shortens slowly over time.




NOTE

- 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.


TURNING THE POWER ON & OFF

Turning the Power on

Slide and hold the  **HOLD ▶** switch in the opposite direction of the arrow.

- Power is turned on.

Turning the Power off

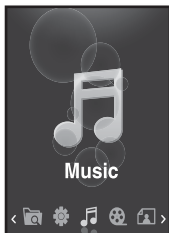
Slide and hold the  **HOLD ▶** switch in the opposite direction of the arrow again.

- Power is turned off.




NOTE

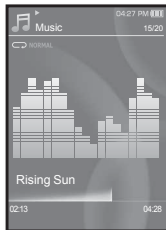
- Your mp3 player will be automatically turned off when none of the buttons have been pressed for a specific length of time in the pause mode. The factory setting for **<Auto Power Off>** is 1 minute, but you can change this length of time. See page 30 for more information.



PLAYING MUSIC

Load music files onto your new mp3 player using EmoDio.
Learn more about EmoDio on pages 34~36.

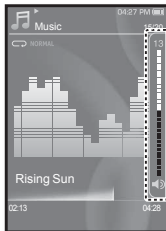
1. Press and briefly hold [↵] to move to the main menu screen.
 2. Tap the [Left, Right] button to select <Music> and tap [⊙].
 3. Use the [Up, Down] button and [⊙] to select a music file of your choice.
 4. Tap [⊙].
 - The music file will begin playing.
-  Tap [↵] to move to the previous screen.
- NOTE** ▪ Press and briefly hold [↵] to move to the main menu screen.



CONTROLLING THE VOLUME



Tap the [Up, Down] button.

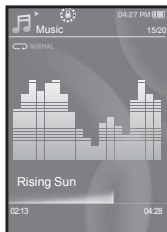
- You will see a volume control icon.
- The volume range is 0 to 30.
- Tap the [Up] button to increase the volume and tap the [Down] button to decrease it.



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.

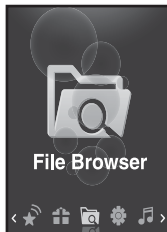
1. Slide the  **HOLD ▶** **switch** in the direction of the arrow.
2. Slide the  **HOLD ▶** **switch** in the opposite direction of the arrow to release the Lock function.



BROWSING FOR FILES USING “File Browser”

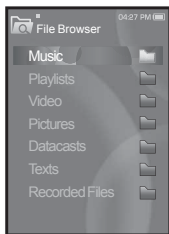
Search easily for files using the “**File Browser**” function.

1. Press and briefly hold [] to move to the main menu screen.
2. Tap the [**Left, Right**] button to select **<File Browser>** and tap [].
 - The **<File Browser>** folder list containing “Music, Playlists, Video, Pictures, Datacasts, Texts, and Recorded Files” appears.
3. Tap the [**Up, Down**] button to select a desired folder.
4. Tap [] to bring up the file list in the selected folder.
 - Tap [] to move to the previous screen.
5. Tap the [**Up, Down**] button to select a desired file.
6. Tap [].
 - The file will start playing.



DELETING FILES WITH “File Browser”

1. Press and briefly hold [**↵**] to move to the main menu screen.
2. Tap the [**Left, Right**] button to select **<File Browser>** and tap [**⊙**].
 - The **<File Browser>** folder list appears.
3. Tap the [**Up, Down**] button to select a desired folder and tap [**⊙**].
4. Tap the [**Up, Down**] button to select the file that you want to delete and tap [**⊞**].
5. Tap the [**Up, Down**] button to select **<Delete>** and tap [**⊙**].
 - The confirmation window will appear.
6. Tap the [**Left, Right**] button to select **<Yes>** and tap [**⊙**].
 - The file will be deleted



CAUTION

- Once files are deleted, they cannot be recovered.

CHANGING THE SETTINGS AND PREFERENCES

Your mp3 player comes with settings and preferences that were set up at the factory, but you can change these pre-set values to truly customize your player.

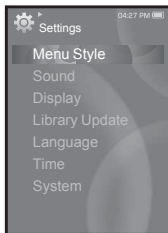


- Tap [↶] to move to the previous screen.
Press and briefly hold [↶] to move to the main menu screen.

Menu Style Settings

You can change the menu design and font and delete the background image of the main menu.

1. Press and briefly hold [↶] to move to the main menu screen.
2. Tap the [Left, Right] button to select <Settings> and tap [⊙].
 - The <Settings> menu appears.
3. Tap the [Up, Down] button to select <Menu Style> and tap [⊙].
 - The <Menu Style> menu appears.
4. Use the [Up, Down] button and [⊙] to set functions.
 - Tap [⊙] to move to the next item/select the menu.
 - Tap the [Up, Down] button to move up or down through the current menu.



Menu Style Setting Options

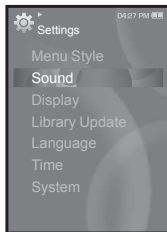
- **Menu Design** : You can change the style of the main menu screen. Select from <Sparkling>, <Crystal>, <My Skin>.
- **Font** : You can change the font type of the menu language. Select one from 3 font types. In some menu languages, will be disabled.
- **Reset My Skin** : Initializes the background image of the screen display to its default image. If you set <Sparkling> or <Crystal> in <Menu Design>, <Reset My Skin> will be disabled.

CHANGING THE SETTINGS AND PREFERENCES (Continued)

Sound Settings

You can set the master EQ, beep sound and volume limit.

1. Press and briefly hold [↔] to move to the main menu screen.
2. Tap the [Left, Right] button to select <Settings> and tap [⊙].
 - The <Settings> menu appears.
3. Tap the [Up, Down] button to select <Sound> and tap [⊙].
 - The <Sound> menu appears.
4. Use the [Up, Down] button and [⊙] to set functions.



Sound Setting Options

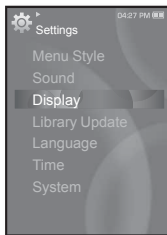
- **Master EQ** : You can optimize sound settings. Tap the [Left, Right] button to select the frequency you want to adjust. Tap the [Up, Down] button to adjust the selected frequency's level and then tap [⊙].
 - **Beep Sound** : Sets the beep sound for button operations to on or off. Select from <Off> and <On>.
 - **Volume Limit** : You can avoid hearing damage by setting the limit of the volume when using the earphone. <On> will limit the maximum volume level to 15. The maximum volume level when volume limit is set to <Off> is 30. Even if you have selected <Off>, the volume will be set back to 15 to avoid hearing damage when you turn the player back on.
-

CHANGING THE SETTINGS AND PREFERENCES (Continued)

Display Settings

Change the display off time, the screen saver and brightness of your screen.

1. Press and briefly hold [↵] to move to the main menu screen.
2. Tap the [Left, Right] button to select <Settings> and tap [⊙].
 - The <Settings> menu appears.
3. Tap the [Up, Down] button to select <Display> and tap [⊙].
 - The <Display> menu appears.
4. Use the [Up, Down] button and [⊙] to set functions.



Display Setting Options

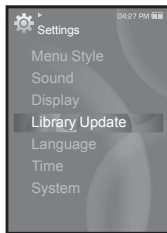
- **Display Off** : If no button is tapped within the time shown below, the screen display will automatically be turned off. Select either <15sec>, <30sec>, <1min>, <3min>, <5min>, or <Always On>. Press any button to turn the display back on.
 - **Screen Saver** : You can set an image to use as a screen saver. Select either <Auto Change>, <Sweet>, <Blue Rain>, <Cheers>, <Analog Clock>, <Digital Clock> and set the wait time. You can select from <Off>, <15sec>, <30sec>, <1min>, <3min> and <5min>. If no button is tapped within the time shown above, the player will display the screen saver image.
You can change the screen saver image by tapping [⊞] during its operation.
 - **Brightness** : You can adjust the brightness of the display screen. Select a level from <0-10>, where 10 is the brightest.
-

CHANGING THE SETTINGS AND PREFERENCES (Continued)

Library Update Settings

Be sure to update your library once you transferred the file to the removable disk.

1. Press and briefly hold [↵] to move to the main menu screen.
2. Tap the [Left, Right] button to select <Settings> and tap [⊙].
 - The <Settings> menu appears.
3. Tap the [Up, Down] button to select <Library Update> and tap [⊙].
 - The <Library Update> menu appears.
4. Use the [Up, Down] button and [⊙] to set functions.



Library Update Setting Options

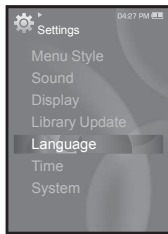
- **Manual Update** : If you have set the Auto Update to <Off>, be sure to update your library manually after you transferred the file to the removable disk. Otherwise, transferred files can be found in <File Browser> and <Music Browser>, and those files will not be listed in <Music> of the main menu. Tap <Yes> to update the library manually.
 - **Auto Update** : If you have set <Auto Update> before transferring the file to the removable disk, the file can be automatically updated on the player. Selecting <On> will automatically update the library after the USB cable is disconnected.
-

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.

1. Press and briefly hold [↵] to move to the main menu screen.
2. Tap the [Left, Right] button to select <Settings> and tap [⊙].
 - The <Settings> menu appears.
3. Tap the [Up, Down] button to select <Language> and tap [⊙].
 - The <Language> menu appears.
4. Use the [Up, Down] button and [⊙] to set functions.



Language Setting Options

- **Menu** : Set the menu language. Select from <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>, <Bulgarian>, <Română>, <Українська>, <Slovenščina> or <Slovenský>.
- **Contents** : Set the language in which the track information and Text will appear. Select from <English>, <Korean>, <French>, <German>, <Italian>, <Japanese>, <Simplified Chinese>, <Tranditional Chinese>, <Spanish>, <Russian>, <Hungarian>, <Dutch>, <Polish>, <Portuguese>, <Swedish>, <Thai>, <Finnish>, <Danish>, <Norwegian>, <Farsi>, <Afrikaans>, <Basque>, <Catalan>, <Czech>, <Estonian>, <Greek>, <Hrvatski>, <Icelandic>, <Rumanian>, <Slovak>, <Slovene>, <Turkish> or <Vietnamese>.



NOTE

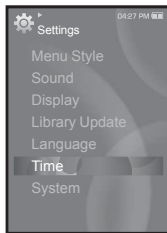
- The supported languages can be changed or added.

CHANGING THE SETTINGS AND PREFERENCES (Continued)

Time Settings

Setting the time allows you to use the date/time set, date type and even time zone.

1. Press and briefly hold [↵] to move to the main menu screen.
2. Tap the [Left, Right] button to select <Settings> and tap [⊙].
 - The <Settings> menu appears.
3. Tap the [Up, Down] button to select <Time> and tap [⊙].
 - The <Time> menu appears.
4. Use the [Up, Down] button and [⊙] to set functions.



Time Setting Options

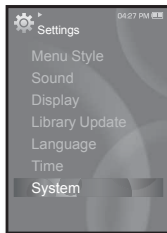
- **Date & Time** : You can set the current time and date. Tap the [Left, Right] button to move to <Year, Month, Date, Hour, Min, AM/PM> and tap the [Up, Down] button to set each item.
 - **Date Type** : You can set the time display type for the World Clock. Select from <YY-MM-DD>, <MM-DD-YY> and <DD-MM-YY>.
 - **Time Zone** : You can change the current time by selecting an international city-specific time zone. You must set the time zone before you can display the world time information. See page 87.
-

CHANGING THE SETTINGS AND PREFERENCES (Continued)

System Settings

Choose the sleep timer, start mode, auto power off and default setting that's right for you.

1. Press and briefly hold [↵] to move to the main menu screen.
2. Tap the [Left, Right] button to select <Settings> and tap [⊙].
 - The <Settings> menu appears.
3. Tap the [Up, Down] button to select <System> and tap [⊙].
 - The <System> menu appears.
4. Use the [Up, Down] button and [⊙] to set functions.



CHANGING THE SETTINGS AND PREFERENCES (Continued)

System Setting Options

- **Sleep** : Turns off power automatically after the preset time. Select either <Off>, <15 min>, <30 min>, <60 min>, <90 min>, or <120 min>.
 - **Start Mode** : You can set the start screen displayed when you turn on the player. Select from <Home> and <Last State>. Select <Home> to start the system with the main menu screen while <Last State> will use the last used menu screen.
 - **Auto Power Off** : Automatically turns power off when there is no button operation after the preset time in the pause mode. Select either <15sec>, <30sec>, <1min>, <3min>, <5min> or <Always On>.
 - **Default Set** : Returns all settings to the default value. Select either <Yes> or <No>. <Yes> initializes all settings to default. <No> cancels default settings.
 - **Format** : Formats the internal memory. Select either <Yes> or <No>. Selecting <Yes> will format the internal memory and delete all files on the player. Selecting <No> does not format the internal memory. Check before formatting it.
 - **About** : Checks the firmware version and memory capacity. <Firmware Version> displays the current firmware version. <Used> indicates the usage, <Available> indicates the remaining capacity and <Total> indicates the total memory capacity.
-

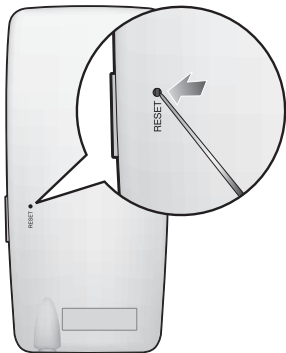


▪ Regarding the Built-In Memory

1GB=1,000,000,000 bytes : actual formatted capacity may be less as the internal firmware uses a portion of the memory.

RESETTING THE SYSTEM

If your mp3 player won't turn on, won't play music, or isn't recognized 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.

EmoDio

EmoDio is an 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 without searching your entire hard drive for the right file.

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 2000/XP/Vista
- DirectX 9.0 or higher
- 100MB of free hard disc space
- CD Rom Drive (2X or higher)
- Windows Media Player 9.0 or higher
- Resolution 1024 X 768 or higher
- Internet Explorer 6.0 or higher
- 512 MB RAM or higher

INSTALLING EMODIO




CAUTION

- Ensure that you run the <EmoDio> installer in your PC's administrator account. Otherwise, <EmoDio> will not be installed. To find the administrator account, please refer to your PC's user manual.

1. Insert the Installation CD provided with the player into the CD-ROM drive of your computer.



2. Click <Install now>.

- Follow the instruction to start installation.
- <EmoDio> installation starts and then creates an  icon on your desktop when installation is complete.

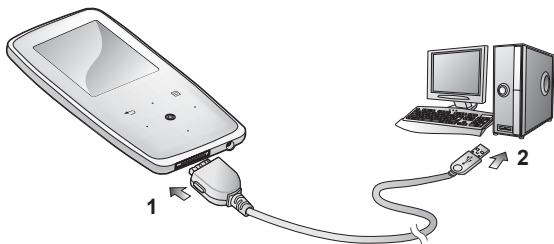



CAUTION

- Use care when inserting the Installation CD into a vertically oriented CD-ROM drive.

TRANSFERRING FILES TO THE PLAYER WITH EMODIO

<EmoDio> enables you to select and organize files and folders before transferring them to your player. This will make scanning files on your mp3 player easier and faster. <EmoDio> file transfer is the easiest way to get files from your PC to your mp3 player.






1. Connect the larger end of the USB cable to the USB Connection Port on the bottom of the player.
2. Connect the USB cable to the USB port (↔) on your PC.
 - <USB Connected> appears on the screen display of the player.
 - <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.



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

TRANSFERRING FILES TO THE PLAYER WITH EMODIO (Continued)

3. Click the icon for the type of file you want to transfer.

- Click  to display music list.
- Click  to display video list.
- Click  to display picture list.

4. Click **<Add File>** on the bottom of **<EmoDio>**.

- The **<Open>** window will appear.

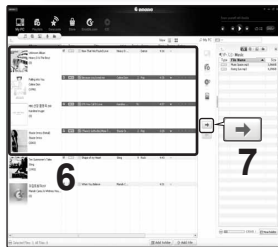
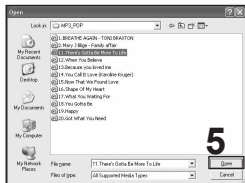
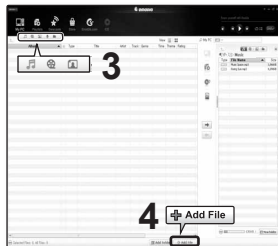
5. Select the files to add and click **<Open>**.

- The files are added to the list on the left side of the **<EmoDio>** Screen.

6. Select the file to transfer from the list on the left side.

7. Click the  icon.

- The file you selected is transferred to the player.



TRANSFERRING FILES TO THE PLAYER WITH EMODIO (Continued)



CAUTION

- Do not disconnect the USB cable during file transfer. Disconnecting during transfer may damage the player or your PC.
- Connect the player to the computer directly rather than through a USB hub to avoid an unstable connection.



NOTE

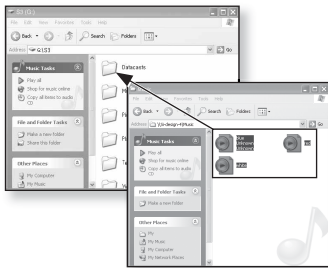
- When transferring a video file to the player using EmoDio, it is automatically converted into .svi format before transfer. The file size is automatically adjusted, too.
- When transferring a picture file to the player using EmoDio, it is automatically converted into JPG format before transfer. The file size is automatically adjusted, too.
- All functions are disabled during connection.
- If you connect the USB cable to the PC in the Low Battery condition, the player will be charged for several minutes before connecting to the PC.
- It is recommended to use FAT 32 for the file system when formatting the player on your PC.
- EmoDio has a thorough Help function. If you can't find the answer to your question about EmoDio, click **<MENU>** → **<Help>** → **<Help>** on the top of the **<EmoDio>** program.
- **What is SVI?**
Samsung Audio Video interleaving(SVI) is a new video format developed and controlled by Samsung.

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 from your PC.
2. Open **<My Computer>** → **<S3>** from 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 **<S3>**.
 - The selected folders or files are transferred to the player.



CAUTION

- The file transfer message will appear during file download or upload. Disconnecting the USB cable while the message is displayed may cause malfunction of the player.
- The order of music files displayed in your PC may differ from the play order on your player.
- If you transfer a DRM file(charged file) to the removable disk, the file will not be played.



NOTE


- Video files should be transferred to the player using **<EmoDio>**.

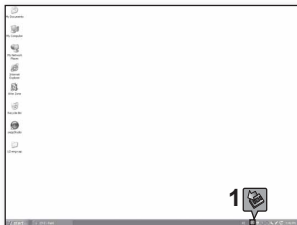
▪ **What is DRM?**

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 charged music files applied with the illegal copy protection technology of legally purchased MP3 music.

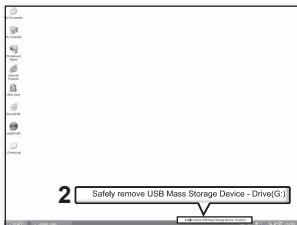
DISCONNECTING FROM YOUR PC

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.



CAUTION

- Do not disconnect the player from the PC during file transfer. This may cause damage to data and the player.
- You cannot remove the player while files within the player are being played on your PC. Please retry after file playback is finished.

listening to music



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

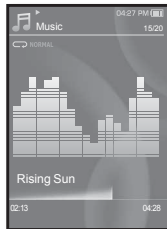
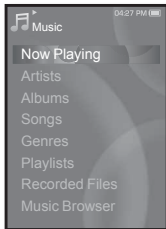
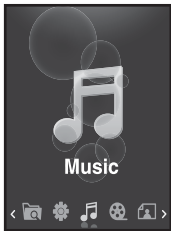


▪ Tap [↔] to move to the previous screen.

NOTE

Press and briefly hold [↔] to move to the main menu screen.

LISTENING BY CATEGORY



1. Press and briefly hold [↔] to move to the main menu screen.
2. Tap the [**Left, Right**] button to select <Music> and tap [⊙].
 - The <Music> list appears.
3. Tap the [**Up, Down**] button to select the desired list and tap [⊙].
 - The music files appear.
4. Tap the [**Up, Down**] button to select the file to play and tap [⊙].
 - 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

- MP3, Ogg and WMA music files are compatible with the player.
- MP1 or MP2 files which only have a changed extension to MP3 may not play on the player.
- Disconnecting the earphones during music playback will pause the playback.
- **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.

PAUSING

1. Tap [**⏸**] while the music is playing.
 - The music playback will be paused.
2. Tap [**⏸**] again.
 - The music will play from the point where it stopped.

SEARCHING WITHIN A TRACK

1. Press and briefly hold the [**⏮**, **⏭**] button while the selected track is playing.
 - It searches to the beginning or the end of the track.
2. Release the button at the point you wish to start.
 - It starts playing from the point you release the button.

PLAYING FROM THE BEGINNING OF THE CURRENT TRACK

1. Tap the [**⏮**] button after 3 seconds of play has elapsed from the beginning of the track.
 - The current track starts playing from the beginning.

PLAYING THE PREVIOUS TRACK

Tap the [**⏮**] button before 3 seconds of play has elapsed from the beginning of the track.

Tap the [**⏮**] button twice after 3 seconds of play has elapsed from the beginning of the track.

- The previous track will start playing.

PLAYING THE NEXT TRACK

Tap the [**⏭**] button.

- The next track will start playing.



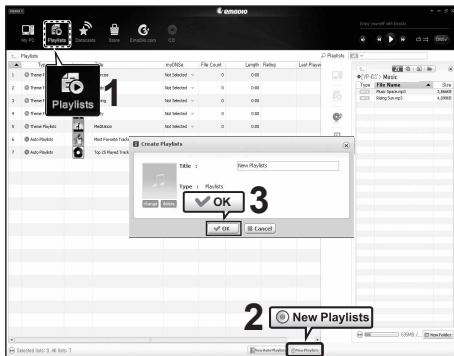
- When playing VBR files, the previous track may not play even if you tap the [**⏮**] button within 3 seconds.

CREATING A PLAYLIST USING EMODIO

With <EmoDio>, you can create your own collection, or playlist, of audio files.

- ★ **Before you start** - Connect the player to your PC.
EmoDio must be installed on your PC.

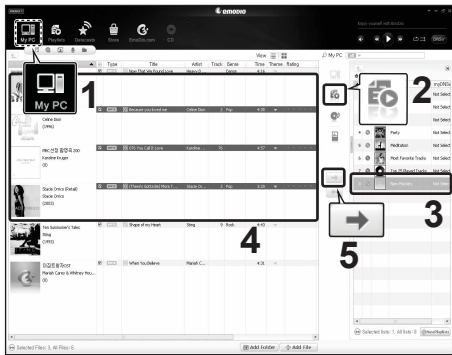
Creating a Playlist




1. Click **<Playlists>** on the top of **<EmoDio>**.
 - The **<Playlists>** window appears.
2. Click **<New Playlists>** on the bottom.
 - The **<Create Playlists>** window appears.
3. Type in the playlist title and click **[OK]**.
 - A new playlist will be named and stored in the **<Playlists>** section of **<EmoDio>**.

CREATING A PLAYLIST USING EMODIO (Continued)

Adding music files to a Playlist you've created





1. Click **<My PC>** on the top of **<Emodio>**.
 - The **<My PC>** window appears.
2. Click **<Playlists>** in the right corner of the window.
 - The **<Playlists>** window appears.
3. Double click on a playlist in the right window.
4. Select files that you want to transfer in the **<My PC>** window.
5. Click .
 - The selected files will be added to the playlist.

CREATING A PLAYLIST USING EMODIO (Continued)

Transferring a Playlist to your player using EmoDio




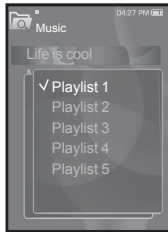
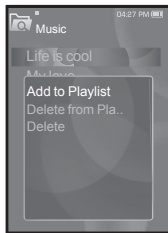
1. Click **<Playlists>** on the top of <EmoDio>.
 - The <Playlists> window appears.
 2. Select a playlist in the **<Playlists>** section.
 3. Click 
 - The selected playlist will be transferred to the player in <File Browser> → <Playlists>.
-  ▪ The player can play up to 999 music files for each playlist.

NOTE


CREATING A PLAYLIST ON YOUR MP3 PLAYER

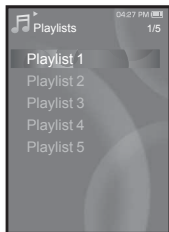
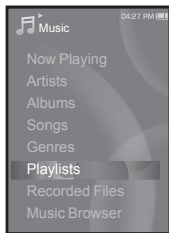
If you've already downloaded files to your mp3 player, you can create a "Favorites" playlist without EmoDio or your PC.

1. Press and briefly hold [↔] to move to the main menu screen.
 2. Tap the [Left, Right] button to select <File Browser> and tap [⊙].
 3. Tap the [Up, Down] button to select <Music> and tap [⊙].
 - The music file(s) appear.
 4. Tap the [Up, Down] button to select a file to add to the playlist list and tap [⊞].
 - The Playlist menu appears.
 5. Tap the [Up, Down] button to select <Add to Playlist> and tap [⊙].
 - <Playlist 1> to <Playlist 5> appears.
 6. Tap the [Up, Down] button to select a playlist number to add the selected file and tap [⊙].
 - The selected file will be added to the playlist.
 - You can check the playlist in <Music> → <Playlists> → <Playlist 1> to <Playlist 5> in the main menu.
-  **NOTE** ▪ You can add up to 100 music files to each playlist (<Playlist 1> to <Playlist 5>).



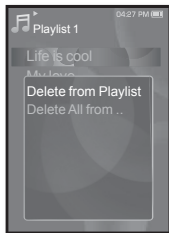
PLAYING A PLAYLIST

1. Press and briefly hold [**↵**] to move to the main menu screen.
 2. Tap the [**Left, Right**] button to select **<Music>** and tap [**⦿**].
 - The **<Music>** list appears.
 3. Tap the [**Up, Down**] button to select **<Playlists>** and tap [**⦿**].
 - The playlist(s) appear.
 4. Tap the [**Up, Down**] button to select the playlist of your choice and tap [**⦿**].
 - Music files stored in the selected playlist appear.
 - If there is no playlist found, you will see a **<No file>** message on the screen.
 5. Tap the [**Up, Down**] button to select a music file to play and tap [**⦿**].
 - The music file will start playing.
-  **NOTE** ▪ See pages 42 and 44 to see how to transfer the playlist using **<EmoDio>**.



DELETING A FILE FROM THE PLAYLIST

1. Press and briefly hold [↵] to move to the main menu screen.
2. Tap the [Left, Right] button to select <Music> and tap [🎵].
 - The <Music> list appears.
3. Tap the [Up, Down] button to select <Playlists> and tap [🎵].
 - The playlist(s) appear.
4. Tap the [Up, Down] button to select the playlist of your choice and tap [🎵].
 - Music files stored in the selected playlist appear.
5. Tap the [Up, Down] button to select a file to delete from the playlist and tap [🗑️].
 - The Playlist menu appears.
6. Tap the [Up, Down] button to select <Delete from Playlist> and tap [🎵].
 - The delete confirmation window appears.
7. Tap the [Left, Right] button to select <Yes> and tap [🎵].
 - The selected file is deleted from the playlist.



DELETING ALL FILES FROM THE PLAYLIST

Follow the steps 1-4 above.

5. Tap [🗑️].
 - The Playlist menu appears.
6. Tap the [Up, Down] button to select <Delete All from Playlist> and tap [🎵].
 - The delete confirmation window appears.
7. Tap the [Left, Right] button to select <Yes> and tap [🎵].
 - All files are deleted from the playlist.



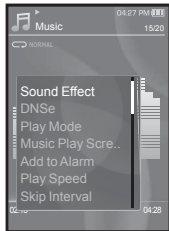
USING THE MUSIC MENU

The Music menu allows you manage all facets of listening - from repeating tracks and albums to choosing the background on the screen as you listen.

To set the sound effect

You can enjoy clearer sound.

1. Tap [⌂] while listening to music.
 - The <Music> menu appears.
2. Tap the [Up, Down] button to select <Sound Effect> and tap [⦿].
 - The <Sound Effect> menu appears.
3. Tap the [Up, Down] button to select the desired sound effect and tap [⦿].



Sound Effect Options

- **Street Mode** : Allows you to hear the music outdoors clearly by filtering out some of the street noise. Select either <Off> or <On>.
- **Clarity**: You can enjoy clearer sound with improved quality. Select from <0 - 2>.



NOTE

- To exit the menu, tap [⌂].

USING THE MUSIC MENU (Continued)

To set the Digital Natural Sound engine (DNSe)

Select the right sound for each music genre.

1. Tap [] while listening to music.
 - The <Music> menu appears.
2. Tap the [**Up, Down**] button to select <DNSe> and tap [].
 - The <DNSe> menu appears.
3. Tap the [**Up, Down**] button to select a desired DNSe and tap [].
 - Select from <Normal>, <Rock>, <Vocal>, <Bass Boost>, <Classical>, <Studio>, <Concert Hall>, and <User>.
 - You can also set <EQ> and <3D & BASS> in the DNSe mode when you have selected <User>. See page 50.



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.

USING THE MUSIC MENU (Continued)

To set the Digital Natural Sound engine (DNSe) (Continued)

<EQ>

You can adjust individual frequencies to adjust the sound to your preference.

1. Tap the **[Up, Down]** button in the DNSe menu to select **<User>** and tap the **[Right]** button.
2. Tap the **[Up, Down]** button to select **<EQ>** and tap **[⊙]**.
 - The <EQ> setting screen appears.
3. Tap the **[Left, Right]** button to select the frequency you want to adjust and tap the **[Up, Down]** button to adjust the selected frequency's level.
 - You can select from -10 to +10 for the selected frequency's level.
4. Tap **[⊙]**.
 - The setting is completed.



<3D & BASS>

You can set the 3D surround sound and bass boost level.

1. Tap the **[Up, Down]** button in the DNSe menu to select **<User>** and tap the **[Right]** button.
2. Tap the **[Up, Down]** button to select **<3D & BASS>** and tap **[⊙]**.
 - The <3D & BASS> setting screen appears.
3. Tap the **[Left, Right]** button to select **<3D>** or **<Bass>** and tap the **[Up, Down]** button.
 - You can select a <3D> level from 0 to 4, and <Bass> from 0 to 4.
4. Tap **[⊙]**.
 - The setting is completed.

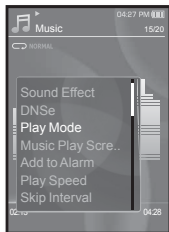


USING THE MUSIC MENU (Continued)

To set the play mode

Select playback mode such as repeat settings.

1. Tap [⌘] while listening to music.
 - The <Music> menu appears.
2. Tap the [Up, Down] button to select <Play Mode> and tap [⊙].
 - The <Play Mode> menu appears.
3. Tap the [Up, Down] button to select a desired play mode and tap [⊙].



Play Mode Options

- **Normal** : To play all the tracks in order one time.
 - **Repeat** : To repeat all files in the current folder.
 - **Repeat One** : To repeat one file.
 - **Shuffle** : To play files at random.
-

USING THE MUSIC MENU (Continued)

To select the music play screen

Choose a background image from those provided, or choose an image of your own to be displayed as you listen to music.

1. Tap [⏮] while listening to music.
 - The <Music> menu appears.
2. Tap the [Up, Down] button to select <Music Play Screen> and tap [⏮].
 - The <Music Play Screen> menu appears.
3. Tap the [Up, Down] button to select a desired music play screen and tap [⏮].



Music Play Screen Options

- **Type 1 ~ Type 3** : You can select a desired music play screen.
 - **Album Info.** : Information on the artist name, album and genre is displayed if ID3 Tag information is stored on the music file.
 - **Album Art** : The album cover image is displayed if an album cover image is included in the ID3 Tag information of the music file.
Album cover images less than 200 pixel (horizontal) x 200 pixel(vertical) in size are supported.
 - **Auto Change** : Automatically switches <Type 1> through <Type 3> each time a different music file is played.
-



NOTE

▪ What is an ID3 Tag?

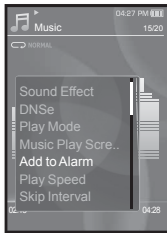
This is what is attached to an MP3 to carry information relevant to the file such as the title, artist, album, year, genre and a comment field.

USING THE MUSIC MENU (Continued)

To add to alarm sound

You can add your favorite music file to the alarm sound list, so it can be heard the next time the alarm goes off. See page 84 to set the alarm.

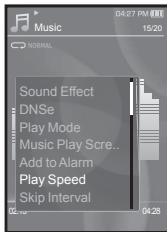
1. Select a music file to add to the alarm sound and tap [⊞].
 - The <Music> menu appears.
2. Tap the [Up, Down] button to select <Add to Alarm> and tap [⊙].
 - The selected music will be added to the alarm sound list.
 - One music file can be added to the alarm sound.



To set the play speed

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

1. Tap [⊞] while listening to music.
 - The <Music> menu appears.
2. Tap the the [Up, Down] button to select <Play Speed> and tap [⊙].
 - The <Play Speed> menu appears.
3. Tap the [Up, Down] button to select a desired play speed and tap [⊙].
 - Select from <X 0.7>, <X 0.8>, <X 0.9>, <X 1.0 (Normal)>, <X 1.1>, <X 1.2>, <X 1.3>.
 - The higher the number is, the faster the speed is.



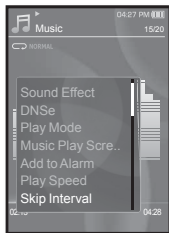
- The adjusted play speed may differ from the actual speed, depending on the file.

USING THE MUSIC MENU (Continued)

To set the skip interval

You can fast forward through a file at various intervals. Skip a whole track or skip several seconds at a time.

1. Tap [⏮] while listening to music.
 - The <Music> menu appears.
2. Tap the [Up, Down] button to select <Skip Interval> and tap [⏸].
 - The <Skip Interval> menu appears.
3. Tap the [Up, Down] button to select a desired skip interval and tap [⏸].
 - Select from <1 Song>, <5 sec>, <10 sec>, <30 sec> and <1 min>.



NOTE

- If the file was developed with a variable bit rate(VBR) or Ogg file, the actual length of the skip interval may not be exactly what you select.

USING THE MUSIC MENU (Continued)

To set a bookmark

Once you set a bookmark, you can easily find that position later.

1. Tap [⌂] at the point you want while listening to music.
 - The <Music> menu appears.
2. Tap the [Up, Down] button to select <Bookmark> and tap [⦿].
 - The <Bookmark> menu appears.
3. Tap the [Up, Down] button to select <Add Bookmark> and tap [⦿].
 - The current play / stop point will be added to the bookmark.
 - You will see the [|] symbol on the play status bar.



NOTE

- The Overwrite window appears if there is a bookmark previously set. If you select <Yes>, the previously set bookmark is deleted and a new bookmark is added.
- One bookmark can be set for each music file, and a maximum number of 50 bookmarks can be set.



To move to (play) / remove the bookmark

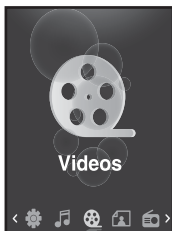
1. Tap [⌂] while listening to music.
 - The <Music> menu appears.
2. Tap the [Up, Down] button to select <Bookmark> and tap [⦿].
 - The <Bookmark> menu appears.
3. Tap the [Up, Down] button to select <Go to Bookmark> or <Delete Bookmark> and tap [⦿].
 - When you selected <Go to Bookmark> then the player will move to the selected bookmark in the file and start playback.
 - <Delete Bookmark> will remove the selected bookmark from the music file.



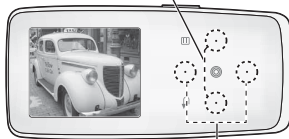
watching a video

- ★ **Before you start** - Connect the earphones, then turn on the player, and check the battery.
Transfer a video file to the player. See pages 34~36.
- NOTE Tap [↔] to move to the previous screen.
Press and briefly hold [↔] to move to the main menu screen.

1. Press and briefly hold [↔] to move to the main menu screen.
2. Tap the **[Left, Right]** button to select **<Videos>** and tap [⊙].
 - The <Videos> list appears.
3. Tap the **[Up, Down]** button to select a video to play and tap [⊙].
 - The selected video file starts to play horizontally.



[Up, Down] button |



[Left, Right] button |

<In horizontal view>

PAUSING

1. Tap [⊙] during video playback.
 - The player pauses playing.
 2. Tap [⊙] again.
 - The player resumes playing from the last played point.
- NOTE When transferring a video file to the player using <EmoDio>, it is automatically converted into SVI format before transfer. The file size is automatically adjusted, too.

TO MOVE TO A SPECIFIC FRAME

1. In horizontal view, press and briefly hold the **[Left, Right]** button.
 - This enables you to move backwards or forwards within the current video file.
2. Release the button when you have moved to the position you want.
 - The video starts playing from the position.



TO PLAY THE PREVIOUS VIDEO FILE

Tap the **[Left]** button once before 3 seconds of play has elapsed from the beginning of the file.

Tap the **[Left]** button twice after 3 seconds of play has elapsed from the beginning of the file.

- This will return to the previous video.



TO PLAY THE NEXT VIDEO FILE

Tap the **[Right]** button.

- This will move to the next video.

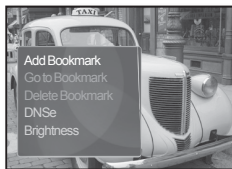


USING THE VIDEO MENU

To set a bookmark

Once you set a bookmark, you can easily find that position later.

1. Tap [⏏] at the desired scene you want during video playback.
 - The <Video> menu appears.
2. Tap the [Up, Down] button to select **<Add Bookmark>** and tap [⦿].
 - The current play / stop point will be added to the bookmark.
 - You will see the [|] symbol on the play status bar.

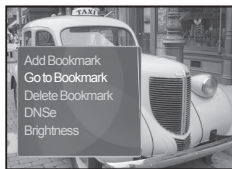


NOTE

- The Overwrite window appears if there is a bookmark previously set. If you select <Yes>, the previously set bookmark is deleted and a new bookmark is added.
- One bookmark can be set for each video file, and a maximum number of 50 bookmarks can be set.

To move to (play) / remove the bookmark

1. Tap [⏏] during video playback.
 - The <Video> menu appears.
2. Tap the [Up, Down] button to select **<Go to Bookmark>** or **<Delete Bookmark>** and tap [⦿].
 - When you selected <Go to Bookmark> then the player will move to the selected bookmark in the file and start playback.
 - <Delete Bookmark> will remove the selected bookmark from the video file.






NOTE

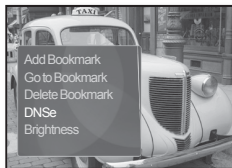
- To exit the menu, tap [⏏].

USING THE VIDEO MENU (Continued)

To set the Digital Natural Sound engine (DNSe)

Select the right sound for each video genre.

1. Tap [] during video playback.
 - The <Video> menu appears.
2. Tap the [**Up, Down**] button to select **<DNSe>** and tap [].
 - The <DNSe> menu appears.
3. Tap the [**Up, Down**] button to select a desired DNSe and tap [].
 - Select from <Normal>, <Drama> and <Action>.






▪ 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 adjust the brightness

You can adjust the screen brightness.

1. Tap [] during video playback.
 - The <Video> menu appears.
2. Tap the [**Up, Down**] button to select **<Brightness>** and tap [].
 - The <Brightness> menu appears.
3. Tap the [**Up, Down**] button to adjust a desired brightness and tap [].
 - Select from <0~10>.



viewing pictures

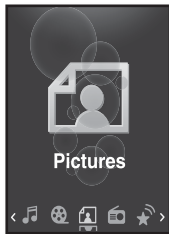


- **Before you start** - Connect the earphones, then turn on the player, and check the battery.



- Tap [↔] to move to the previous screen.
Press and briefly hold [↔] to move to the main menu screen.

1. Press and briefly hold [↔] to move to the main menu screen.
2. Tap the [**Left, Right**] button to select <Pictures> and tap [⊙].
 - The picture preview window appears.
3. Tap the [**Up, Down, Left, Right**] button to select the picture you want to look at and tap [⊙].
 - The selected picture will be displayed.
 - Tap [↔] to move to the preview window.

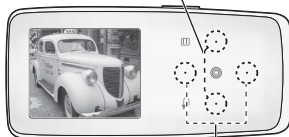


To move to the previous/next picture

In horizontal view, tap the [**Left, Right**] button.

- The previous/next picture will be displayed.

[Up, Down] button |



[Left, Right] button |

<In horizontal view>






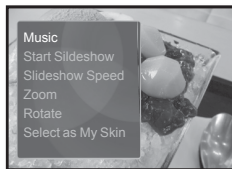
- A JPG file including incorrect thumbnail data will be displayed in [👤].
- Some pictures may be slow to appear.
- When transferring a picture to the player using <EmoDio>, it is automatically converted into JPG format before transfer. The file size is automatically adjusted, too.
- You can also use the <File Browser> to search for a picture. See page 21.

USING THE PICTURE MENU

To listen to music while viewing your picture



You can listen to the current music file while viewing your picture.

1. Tap [] while viewing a picture.
 - The <Picture> menu appears.
2. Tap the [**Up, Down**] button to select **<Music>** and tap [].
 - The <Music> menu appears.
3. Tap the [**Up, Down**] button to select a desired mode and tap [].
 - <Off> : No background music is played while viewing a picture.
 - <On> : You can listen to the music that you last played while viewing your picture.






To watch a slideshow

How To 1

1. Tap [] while viewing a picture.
 - You will see [] on the screen and then the player will start the slideshow.

How To 2

1. In the picture preview mode, tap [].
 - The Start Slideshow window appears.
2. Tap [].
 - You will see [] on the screen and then the player will start the slideshow.



- To exit the menu, tap [].

NOTE

USING THE PICTURE MENU (Continued)

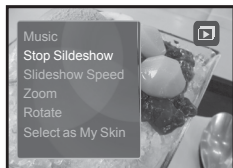
To stop the slideshow

How To 1

1. In the slideshow mode, tap [⏏].
 - The slideshow stops.

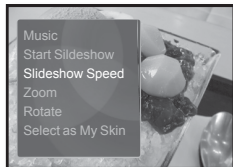
How To 2

1. In the slideshow mode, tap [☰].
 - The <Picture> menu appears.
2. Tap the [Up, Down] button to select <Stop Slideshow> and tap [⏏].
 - The slideshow stops.



To set the slideshow speed

1. Tap [☰] while viewing a picture.
 - The <Picture> menu appears.
2. Tap the [Up, Down] button to select <Slideshow Speed> and tap [⏏].
 - The <Slideshow Speed> menu appears.
3. Tap the [Up, Down] button to select a desired speed and tap [⏏].
 - Select from <Fast>, <Normal>, and <Slow>.

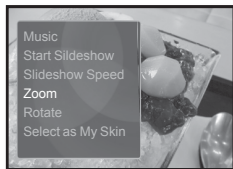


USING THE PICTURE MENU (Continued)

To enlarge a picture

You can zoom in a picture.

1. Tap [⌂] while viewing a picture.
 - The <Picture> menu appears.
2. Tap the [Up, Down] button to select <Zoom> and tap [⦿].
 - The <Zoom> menu appears.
3. Tap the [Up, Down] button to select a desired zoom factor and tap [⦿].
 - Select from <100%>, <200%> and <400%>.
4. Tap the [Up, Down, Left, Right] button to move to the portion of the picture to magnify.



To cancel the zooming

Tap [⦿] in an enlarged picture view.

- This returns to the original size.



NOTE

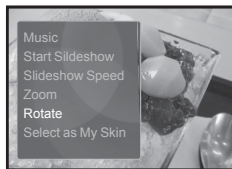
- A big picture file may take awhile to zoom.

USING THE PICTURE MENU (Continued)

To rotate a picture

You can rotate a picture for your convenience.

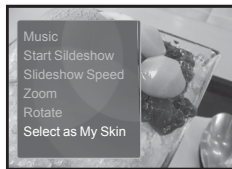
1. Tap [⌂] while viewing a picture.
 - The <Picture> menu appears.
2. Tap the [Up, Down] button to select **<Rotate>** and tap [⊙].
 - The <Rotate> menu appears.
3. Tap the [Up, Down] button to select a desired angle and tap [⊙].
 - Select from <Left 90°>, <Right 90°>, and <180°>.



To set a picture as a background image

You can set a desired picture as a background image for the display window.

1. Select a picture file to set as a background image and tap [⌂].
 - The <Picture> menu appears.
2. Tap the [Up, Down] button to select **<Select as My Skin>** and tap [⊙].
 - The save confirmation window appears.
3. Tap the [Left, Right] button to select **<Yes>** and tap [⊙].
 - The selected picture will be set to the background image.
 - If <My Skin> is selected from <Settings> → <Menu Style> → <Menu Design>, the set image will be displayed.



listening to FM radio



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



NOTE

▪ Tap [↶] to move to the previous screen.

Press and briefly hold [↶] to move to the main menu screen.

1. Press and briefly hold [↶] to move to the main menu screen.
2. Tap the [Left, Right] button to select <FM Radio> and tap [⊙].
 - FM radio reception will start.



TO USE THE MUTE FUNCTION

1. Tap [⊙] while listening to FM Radio.
 - Sound is muted.
2. Tap [⊙] 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.

TO SEARCH FOR FM STATIONS

1. Press and briefly 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,



1. Tap the **[Left, Right]** button to progress through the frequencies one by one in Manual mode.
 - Moves to frequencies whenever the button is pressed.



USING THE FM RADIO MENU

To switch to Preset Mode

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

1. Tap [] in Manual mode.
 - The <FM Radio> menu appears.
2. Tap the [Up, Down] button to select <Go to Preset Mode> and tap [].
 - You will see <Preset> on the screen.





NOTE

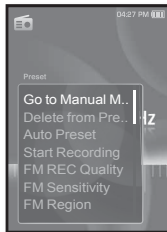
- If no preset frequencies are set, the player will not switch to Preset mode.



To switch to Manual Mode

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

1. Tap [] in Preset mode.
 - The <FM Radio> menu appears.
2. Tap the [Up, Down] button to select <Go to Manual Mode> and tap [].
 - You will see <Manual> on the screen.



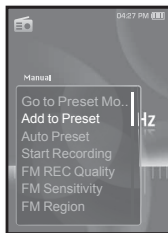
USING THE FM RADIO MENU (Continued)

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 number. Have the MP3 player choose only the stations you want using the manual process, or find and store the local stations automatically.

Manual - choose only the stations you want to store

1. Tap the **[Left, Right]** button to select a frequency to preset in Manual mode and tap **[]**.
 - The <FM Radio> menu appears.
2. Tap the **[Up, Down]** button to select **<Add to Preset>** and tap **[]**.
 - The selected frequency will be added to the preset list.
3. To set a preset for other frequencies, follow 1-2 steps above.






- If the same frequency is already set, the setting is disabled.

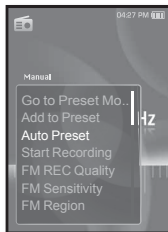
NOTE

USING THE FM RADIO MENU (Continued)


To store stations in the preset memory (Continued)

Automatic – automatically store all the stations the player receives

1. Tap [] in FM Radio mode.
 - The <FM Radio> menu appears.
2. Tap the [**Up, Down**] button to select **<Auto Preset>** and tap [].
 - The confirmation window appears.
3. Tap the [**Left, Right**] button to select **<Yes>** and tap [].
 - Up to 30 frequencies are automatically set.



To cancel Auto Preset

If you want to cancel the auto preset, tap [] in the process.

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



NOTE

- You may want to re-set the stored stations if you're going to listen to your MP3 player in a different city. To delete the preset stations and store new ones, simply repeat the process.

USING THE FM RADIO MENU (Continued)

To listen to preset stations

While in Preset mode, tap the **[Left, Right]** button to scroll through preset stations.

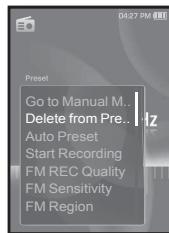
- You can listen to the stored radio frequency.



To delete a preset

Follow the steps below to delete frequencies while listening to FM Radio.

1. While in Preset mode, tap the **[Left, Right]** button to search for a preset frequency to delete and tap **[]**.
 - The <FM Radio> menu appears.
2. Tap the **[Up, Down]** button to select **<Delete from Preset>** and tap **[]**.
 - The selected frequency will be deleted.
3. To delete other preset frequencies, follow 1-2 steps above.

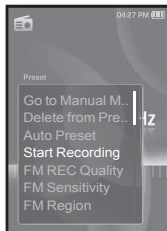


USING THE FM RADIO MENU (Continued)

To record FM Radio broadcasting

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

1. Tap the **[Left, Right]** button to select a frequency to record in FM Radio mode and tap **[]**.
 - The <FM Radio> menu appears.
2. Tap the **[Up, Down]** button to select **<Start Recording>** and tap **[]**.
 - An automatically created file name appears and the recording starts.



To stop recording

1. Tap **[]** during the recording.
 - A message appears asking you if you want to listen to the file you just recorded.
2. Tap the **[Left, Right]** button to select **<Yes>** or **<No>** and tap **[]**.
 - Selecting <Yes> will play the just recorded file.
 - Selecting <No> will not play the recorded file.
 - The recorded file is stored in <File Browser> → <Recorded Files> → <FM Radio>.






NOTE

- You can store a maximum of 999 files for FM radio recording.
- You can make a recording for up to approximately 30 hours. (based on 128Kbps, 2GB)
- The recording file name will be automatically specified, for example, as such as "FM_XXX.mp3". "FM" indicates FM radio recording and "XXX" is the recording file number.

USING THE FM RADIO MENU (Continued)

To set the FM recording quality





You can choose the recording quality for FM radio.

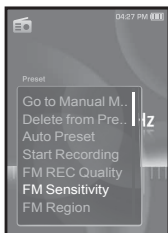
1. Tap [] in FM Radio mode.
 - The <FM Radio> menu appears.
2. Tap the [**Up, Down**] button to select <FM REC Quality> and tap [].
 - The FM recording quality menu appears.
3. Tap the [**Up, Down**] button to select a desired quality level and tap [].
 - Select from <Super High(192kbps)>, <High(160kbps)> and <Normal(128kbps)>.
 - The higher the number is, the better the audio quality and the larger the file size becomes.



To set the FM sensitivity

To receive more or fewer FM radio frequencies, adjust the FM sensitivity.

1. Tap [] in FM Radio mode.
 - The <FM Radio> menu appears.
2. Tap the [**Up, Down**] button to select <FM Sensitivity> and tap [].
 - The < FM Sensitivity> menu appears.
3. Tap the [**Up, Down**] button to select the search level and tap [].
 - Select from <High>, <Middle> and <Low>.
 - If you select <High>, more frequencies will be received.
 - To exit the menu, tap [].






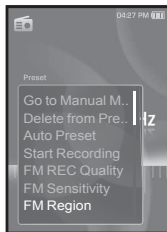
NOTE

USING THE FM RADIO MENU (Continued)

To set the FM region

You can change an FM region setting in preparation for overseas travel.

1. Tap [] in FM Radio mode.
 - The <FM Radio> menu appears.
2. Tap the [Up, Down] button to select <FM Region> and tap [].
 - The <FM Region> menu appears.
3. Tap the [Up, Down] button to select your regional area for FM radio and tap [].
 - Select from <Korea/US>, <Japan> and <Other Countries>.



NOTE

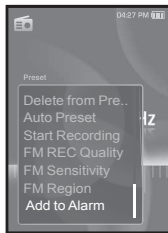
- Your previously stored radio frequencies will be deleted when you change the <FM Region> on your player.
- FM region can be deleted or changed according to the target region of the player.
- Frequency range by region
 - Korea/US: Search for FM frequencies in 100 kHz increments between 87.5 MHz~108.0 MHz.
 - Japan: Search for FM frequencies in 100 kHz increments between 76.0 MHz~108.0 MHz.
 - Other Countries: Search for FM frequencies in 50 kHz increments between 87.50 MHz~108.00 MHz.

USING THE FM RADIO MENU (Continued)

To add to the alarm sound

You can add your FM radio to the alarm sound list, so it can be heard the next time the alarm goes off. See page 84 to set the alarm.

1. Select a radio frequency to add to the alarm sound and tap [📁].
 - The <FM Radio> menu appears.
2. Tap the [Up, Down] button to select **<Add to Alarm>** and tap [🔵].
 - If you set the alarm sound to <FM Radio> in the alarm setting, you will hear FM radio when the alarm goes off.



using the datacast

Using <EmoDio>, you can transfer blog information and files registered on RSS to the player for your entertainment.



NOTE

▪ What is RSS?

RSS stands for Rich Site Summary or Really Simple Syndication. It is an xml-based data transmission system used to deliver information on frequently updated web sites such as news and blogs to users in a more convenient and easy way.

▪ What is Datacasts?


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

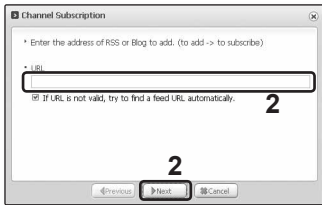


▪ **Before you start** - EmoDio must be installed on your PC. See page 33.

REGISTERING A CHANNEL

You can create a new channel by registering RSS-supported web sites or web pages.

1. Click <**Subscribe**> on the bottom of the <**Datacasts**> of <EmoDio>.
2. Enter an address in the <**URL**> and Click <**Next**>.
 - When you copy a web address and click <**Subscribe**>, the copied address is displayed automatically in the <**URL**>.
 - The setting confirmation window appears if the Web address supports RSS.
3. Click <**OK**>.
 - The channel you want is registered.
 - The  icon appears in Datacasts for the registered channel.



NOTE

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

CREATING A NEW CHANNEL GROUP

You can create a new group to manage channels by the category.

1. Click **<New Group>** on the bottom of **<Datacasts>** of **<EmoDio>**.
2. Type in a group name and description and click **<OK>**.



TRANSFERRING A DATACAST FROM <EMODIO>

- ★ ▪ **Before you start** - Connect the player to your PC.
EmoDio must be installed on your PC. See page 33.

1. **<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.
2. Click **<Datacasts>** on the top of **<EmoDio>**.
 - Datacasts group channel list appears.
3. Click a desired group channel.
4. Click a desired channel.
5. Select the post you want to transfer.
6. Click the **→** icon.



- The Post of the selected channel will be transferred to the player in **<File Browser>** → **<Datacasts>**.



- Click **⏪** on the top of **<EmoDio>** to move to the previous screen.
- In **<Datacasts>** of **<EmoDio>**, if the post has the attachment, you can download the attachment to the player. However, there may be times the attachment will not download, depending on the policy of the applicable website.

VIEWING DATACASTS

You can view channel posts added to <Datacasts>.

- Before you start - Transfer a desired channel post to the player using <EmoDio>. See page 76.

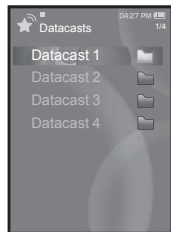


- Tap [↶] to move to the previous screen.
Press and briefly hold [↶] to move to the main menu screen.

1. Press and briefly hold [↶] to move to the main menu screen.
2. Tap the [Left, Right] button to select <Datacasts> and tap [⊙].
 - The <Datacasts> list appears.
3. Tap the [Up, Down] button to select a desired channel list and tap [⊙].
 - The title is the same as that of the channel added to <Datacasts> in <EmoDio>.
4. Tap the [Up, Down] button to select a desired post title and tap [⊙].
 - The file list appears.

- 📄 icon : main text for the transferred post
- 🖼️ icon : picture file
- 🎵 icon : music file
- 📺 icon : video file

5. Tap the [Up, Down] button to select a desired file and tap [⊙].
 - The selected file will start playing.



enjoying the prime pack

Prime Pack enables you to enjoy various functions such as reading text, playing games and the alarm setting, etc.

READING TEXT

Whether it's a novel, the manuscript of a new story, or your research paper, your mp3 player allows you to read it... all while listening to music!



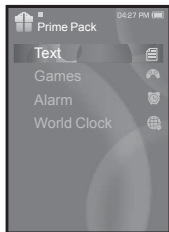
- **Before you start** - Turn on the player and check the battery. Transfer text files to the player using <EmoDio>. See page 34. Set a preferred text language for text in <Settings> → <Language> → <Contents>. See page 27.



NOTE

- Tap [↔] to move to the previous screen.
Press and briefly hold [↔] to move to the main menu screen.

1. Press and briefly hold [↔] to move to the main menu screen.
2. Tap the [Left, Right] button to select <Prime Pack> and tap [⊙].
 - The <Prime Pack> list appears.
3. Tap the [Up, Down] button to select <Text> and tap [⊙].
 - The Text file list appears.
4. Tap the [Up, Down] button to select a desired text file and tap [⊙].
 - You will see the text on the screen.



To move to previous/next page

Tap the [Left, Right] button.

- Press and briefly hold the [Left, Right] button to move continuously to the previous / next page.



NOTE

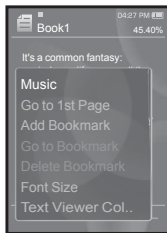
- You can also use the <File Browser> to search for a text file. See page 21.
- Your mp3 player supports the TXT file format in Text mode.

USING THE TEXT MENU

To listen to music while viewing your text

You can listen to the music that you last played while viewing your text.

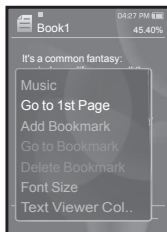
1. Tap [☰] while viewing a text.
 - The <Text> menu appears.
2. Tap the [Up, Down] button to select <Music> and tap [⊙].
 - The <Music> menu appears.
3. Tap the [Up, Down] button to select a desired mode and tap [⊙].
 - <Off> : No background music is played while viewing your text.
 - <On> : You can listen to the music that you last played while viewing your text.



To move to the first page

Use this if you want to view the text from the first page.

1. Tap [☰] while viewing a text.
 - The <Text> menu appears.
2. Tap the [Up, Down] button to select <Go to 1st Page> and tap [⊙].
 - The Confirmation window will appear.
3. Tap the [Left, Right] button to select <Yes> and tap [⊙].
 - Moves to the first page of the text file.



- To exit the menu, tap [☰].

NOTE

USING THE TEXT MENU (Continued)

To set a bookmark

Set a bookmark to return to that point in the text at any time.

1. Tap [☰] at the desired page you want while viewing a text.

- The <Text> menu appears.

2. Tap the [Up, Down] button to select **<Add Bookmark>** and tap [⊙].

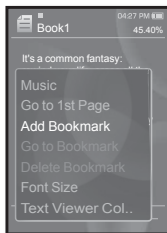
- The current text screen is set to a bookmark with the [🔖] symbol displayed on the top left corner.



NOTE

- The Overwrite window appears if there is a bookmark previously set. If you select **<Yes>**, the previously set bookmark is deleted and a new bookmark is added.

- One bookmark can be set for each text file, and you can set a maximum of 50 bookmarks.



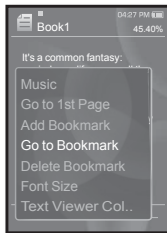
To move to/ remove the bookmark

1. Tap [☰] while viewing a text.

- The <Text> menu appears.

2. Tap the [Up, Down] button to select **<Go to Bookmark>** or **<Delete Bookmark>** and tap [⊙].

- When you selected <Go to Bookmark> then it will move to the selected bookmark and <Delete Bookmark> will remove the selected bookmark from the text file.

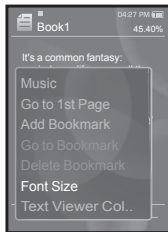


USING THE TEXT MENU (Continued)

To change the font size

You can change the font size of the text.

1. Tap [☰] while viewing a text.
 - The <Text> menu appears.
2. Tap the [Up, Down] button to select and tap [⊙].
 - The menu appears.
3. Tap the [Left, Right] button to select a desired font size and tap [⊙].
 - Select from <Small>, <Medium> and <Large>.



To set the text viewer color

Choose what color you'd like the text to appear.

1. Tap [☰] while viewing a text.
 - The <Text> menu appears.
2. Tap the [Up, Down] button to select <Text Viewer Color> and tap [⊙].
 - The <Text Viewer Color> menu appears.
3. Tap the [Left, Right] button to select a desired text viewer color and tap [⊙].
 - Select from <Type 1> ~ <Type 6>.



PLAYING VIDEO GAMES

Your mp3 player comes with exciting games already loaded!

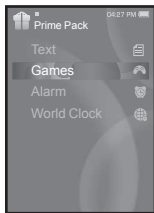
★ ▪ **Before you start** - Connect the earphones, then turn on the player, and check the battery.



NOTE

▪ Tap [↵] to move to the previous screen.
Press and briefly hold [↵] to move to the main menu screen.

1. Press and briefly hold [↵] to move to the main menu.
2. Tap the [**Left, Right**] button to select **<Prime Pack>** and tap [⊙].
 - The <Prime Pack> list appears.
3. Tap the [**Up, Down**] button to select **<Games>** and tap [⊙].
 - The <Games> list appears.
4. Tap the [**Up, Down**] button to select a desired game and tap [⊙].

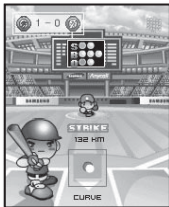


Baseball

Try to score against one of the league's best pitchers in this version of America's favorite pastime.

Tap the [**Up, Down, Left, Right**] button to select a menu or function.

Tap [⊙] to pitch or hit the ball.



Pizza Delivery

See if you can get the pizza delivered on time and avoid the many obstacles along the way.

Tap [⊙] to jump up.



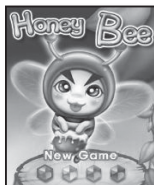
PLAYING VIDEO GAMES (Continued)

Honeybee

This is a puzzle game where you can match more than 3 blocks to gain scores.

Use the **[Up, Down, Left, Right]** button to select a menu or move the object's direction.

Tap **[⊙]** to select or cancel.



Jungmumun

This is a game requiring instantaneous reactionary ability, in which you have to remove the stone according to the arrow direction marked on the stone.

Use the **[Up, Down, Left, Right]** button and **[⊙]** to remove the stone.



Food King

This is a brain game that requires you to make food as much as you can by changing the order of three blocks to match 3 directions of width, length and diagonal.

Use the **[Left, Right]** button to move the object.

Use the **[Up]** button to change the position of the object.

Tap the **[Down]** button to drop the object.



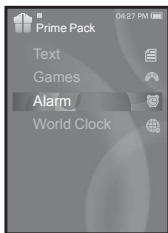
- Games may be added or changed without notice.
- For more information about the manipulation, see the Help section.

SETTING THE ALARM

This player has an alarm which can be set to go off at a scheduled time.

★ ▪ **Before you start** - Set the current date and time. See page 28.

1. Press and briefly hold [**↔**] to move to the main menu screen.
2. Tap the [**Left, Right**] button to select **<Prime Pack>** and tap [**⊙**].
 - The **<Prime Pack>** list appears.
3. Tap the [**Up, Down**] button to select **<Alarm>** and tap [**⊙**].
4. Tap the [**Up, Down**] button to select **<New Alarm>** and tap [**⊙**].
 - The New Alarm Settings window appears.
5. Tap the [**Up, Down**] button to select an alarm frequency and tap the [**Right**] button.
 - Select from **<Once>**, **<Everyday>**, **<Mon~Fri>**, **<Mon~Sat>**, **<Sat~Sun>** and **<Off>**.
6. Tap the [**Up, Down**] button to select the hour and tap the [**Right**] button.
7. Tap the [**Up, Down**] button to select the minute and tap the [**Right**] button.
8. Tap the [**Up, Down**] button to select **<AM>** or **<PM>** and tap the [**Right**] button.



SETTING THE ALARM (Continued)

9. Tap the **[Up, Down]** button to select an alarm sound and tap the **[Right]** button.

- Select one from <Alarm Sound 1> through <Alarm Sound 3>, music files or FM Radio added to the alarm sound.

10. Tap the **[Up, Down]** button to select an alarm interval and tap **[⊙]**.

- Select one from <Interval : Off>, <Interval : 3min>, <Interval : 5min> and <Interval : 10min>.
- The save confirmation window will appear.

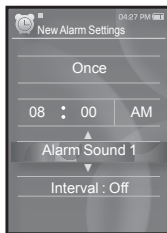
11. Tap the **[Left, Right]** button to select **<Yes>** and tap **[⊙]**.

- When the alarm setting is done, the symbol (🔔) will appear on the top.



NOTE

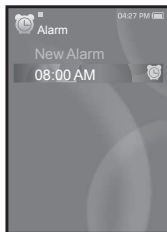
- You can store up to 7 alarms.
- The player will sound the alarm when it reaches the scheduled time. To end the alarm, tap **[↵]**. When the confirmation window appears, tap the **[Left, Right]** button to select **<Yes>** and tap **[⊙]**. This will exit the alarm and return to the main menu.



SETTING THE ALARM (Continued)

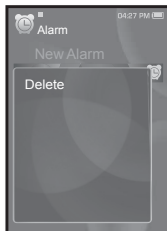
To edit the alarm setting

1. Tap the **[Up, Down]** button to select the alarm setting to change in the alarm list and tap **[⊙]**.
 - The Alarm Settings window appears.
2. Use the **[Up, Down, Left, Right]** button and **[⊙]** to edit the settings you prefer.



To delete an alarm setting

1. Tap the **[Up, Down]** button to select the alarm setting to delete in the alarm list and tap **[⊞]**.
 - The delete menu appears.
2. Tap **[⊙]**.
 - The Delete window appears.
3. Tap the **[Left, Right]** button to select **<Yes>** and tap **[⊙]**.
 - The selected alarm will be deleted.

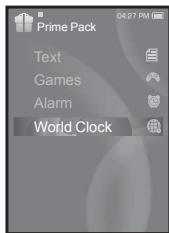


VIEWING THE WORLD CLOCK

You can check the location and date/time of major world cities based on their respective time zone.

- ★ **Before you start** - Set the current date and time. See page 28.
Set the time zone you want in the **<Settings>** → **<Time>** → **<Time Zone>**.

1. Press and briefly hold [↔] to move to the main menu screen.
2. Tap the [Left, Right] button to select **<Prime Pack>** and tap [⊙].
 - The <Prime Pack> list appears.
3. Tap the [Up, Down] button to select **<World Clock>** and tap [⊙].
 - The world clock screen appears.
4. Tap the [Left, Right] button to select a time zone.




You can check local time of the following time zones.
(/ indicates the standard time zone in the region)

Cape Verde / London, Lisbon / Rome, Paris, Berlin, Stockholm, Madrid, Frankfurt/
Athens, Helsinki, Cairo, Ankara / Moscow, Riyadh / Abu Dhabi, Muscat / Tashkent, Ashgabat /
Alma Ata, Kathmandu / Bangkok, Jakarta, Rangoon / Hongkong, Beijing, Manila, Singapore /
Seoul, Tokyo, Pyongyang / Guam, Sydney, Brisbane / Okhotsk /
Wellingtons, Oakland, Fiji / Samoa, Midway / Honolulu, Hawaii, Tahiti / Alyeska /
Los Angeles, San Francisco, Vancouver, Seattle / Denver, Phoenix, Salt Lake City /
Chicago, Dallas, Houston, Mexico City / New York, Miami, Washington DC, Montreal, Atlanta /
Caracas, LA Paz, Santiago / Buenos Aires, Brasilia, Sao Paulo / The middle Atlantic

troubleshooting

If you have a problem with your new mp3 player, check for a solution in this list. If the problem persists, contact Samsung Customer Service Center near you.

PROBLEM	SOLUTION
Power will not turn on.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• Check if the  switch is in the direction of the arrow position.• Check if you pressed the right button, then press again.• Press the Reset hole.
The screen will not turn on.	<ul style="list-style-type: none">• The screen may not be visible under direct sunlight.• If <Display Off> is selected from <Settings> → <Display>, the screen display can be turned off. Tap any button and see if it turns on.

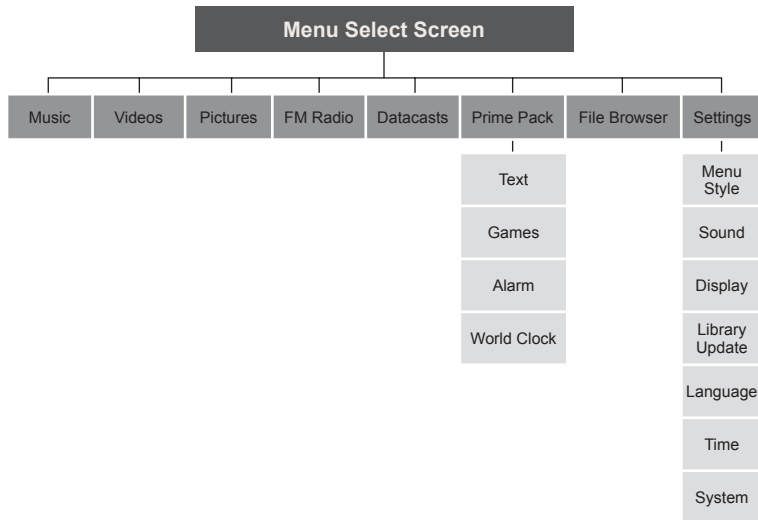
PROBLEM	SOLUTION
<p>Power is turning off.</p>	<ul style="list-style-type: none"> • Check the battery status. • The power is automatically turned off when the battery is completely drained. Recharge the battery. • If <Auto Power Off> is selected from <Settings> → <System>, the Power will be turned off when the player is in Pause mode. Turn on the Player.
<p>Battery life differs from the manual.</p>	<ul style="list-style-type: none"> • The battery life can vary depending on the sound mode and display setting. • Battery life may be shortened when the player is left for extended periods in low or high temperatures.
<p>EmoDio Program Malfunction</p>	<ul style="list-style-type: none"> • Check if your PC meets the basic system requirements.
<p>Connection to your PC is disabled.</p>	<ul style="list-style-type: none"> • Check if the USB cable is correctly connected and try again. • Press <Start> on the toolbar of your PC to run Windows Update. Select Key Updates and Service Packs, then update all. Reboot your PC and reconnect.
<p>The file transfer rate is too slow.</p>	<ul style="list-style-type: none"> • If you have formatted the player on Windows 2000, the file transfer can be delayed. Format the player on Windows XP or Vista and try again. • 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.

PROBLEM	SOLUTION
Player isn't playing.	<ul style="list-style-type: none"> • 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.
File upload doesn't work.	<ul style="list-style-type: none"> • Check if the USB cable is securely connected. Reconnect if necessary. • Check if the memory is full. • Press the Reset hole.
Files or data are missing.	<ul style="list-style-type: none"> • Check if the USB cable 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. You have to be extra cautious as Samsung is not responsible for data loss.
Abnormal play time display during play.	<ul style="list-style-type: none"> • Check if the file is in Variable Bit Rate (VBR) format.
Abnormal display of file name.	<ul style="list-style-type: none"> • Go to <Settings> → <Language> → <Contents> in the main menu screen and update the library manually. See page 27.
The product is hot.	<ul style="list-style-type: none"> • Heat may be generated during recharging. This has no effect on the product life or functions.
A message appears while watching a video.	<ul style="list-style-type: none"> • Try to download the video clip through EmoDio again.

appendix

MENU TREE

Here's a quick look at how the menus and functions are organized on your new mp3 player.



PRODUCT SPECIFICATIONS

Model Name	YP-S3			
Rating	DC 5.0V/ 500mA			
Built-in Battery Power	580 mAh/ DC 3.7V			
File Compatibility	AUDIO : MPEG1/2/2.5 Layer3 (8kbps ~ 320kbps, 8kHz~48kHz) WMA (48kbps ~ 192kbps, 8kHz ~ 48kHz), Ogg(Q1 ~ Q10) VIDEO : SVI (Video: MPEG4, Audio: MP3 (44.1kHz, 128kbps), Resolution: 208X176, Frame Rate: 15fps) IMAGE : JPG (Progressive, Sequential Scanning, File Size: less than 3MB)			
Supported Number of Files	Max. 5000 (Include folder)			
Earphone Output	20mW/Ch. (based on 16Ω)			
Output Frequency Range	40Hz~20kHz			
Signal to Noise Ratio	90 dB with 20 kHz LPF(based on 1kHz 0 dB)			
Play Time	Maximum of 25 hours for music playback, Maximum of 4 hours for video playback (based on: MP3 128kbps, Volume: 15, Normal Mode)			
Temperature Range for Operation	-5~35°C (23~95°F)			
Case	Metal Plating, Plastic			
Weight	53g			
Dimensions (WxHxD)	44 X 95 X 9.8 mm			
FM Radio	FM Frequency	87.5~108.0MHz	FM T.H.D	1%
	FM Signal to Noise Ratio	55 dB	FM Useable Sensitivity	38dBμ

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

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CONTACT SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

Country	Customer Care Center ☎	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
NICARAGUA	00-1800-5077267	www.samsung.com/latin
HONDURAS	800-7919267	www.samsung.com/latin
COSTA RICA	0-800-507-7267	www.samsung.com/latin
ECUADOR	1-800-10-7267	www.samsung.com/latin
EL SALVADOR	800-6225	www.samsung.com/latin
GUATEMALA	1-800-299-0013	www.samsung.com/latin
JAMAICA	1-800-234-7267	www.samsung.com/latin
PANAMA	800-7267	www.samsung.com/latin
PUERTO RICO	1-800-682-3180	www.samsung.com/latin
REP. DOMINICA	1-800-751-2676	www.samsung.com/latin
TRINIDAD & TOBAGO	1-800-SAMSUNG(726-7864)	www.samsung.com/latin
VENEZUELA	0-800-100-5303	www.samsung.com/latin
COLOMBIA	01-8000112112	www.samsung.com.co
BELGIUM	02 201 2418	www.samsung.com/be
CZECH REPUBLIC	800-726-786 (800 - SAMSUNG)	www.samsung.com/cz
DENMARK	70 70 19 70	www.samsung.com/dk
FINLAND	030-6227 515	www.samsung.com/fi
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KAZAKHSTAN	8-10-800-500-55-500	www.samsung.com/kz_ru
UZBEKISTAN	8-10-800-500-55-500	www.samsung.com/kz_ru
KYRGYZSTAN	00-800-500-55-500	
TADJIKISTAN	8-10-800-500-55-500	
UKRAINE	8-800-502-0000	www.samsung.ua
LITHUANIA	8-800-77777	www.samsung.lt
LATVIA	8000-7267	www.samsung.com/lv
ESTONIA	800-7267	www.samsung.ee
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TURKEY	444 77 11	www.samsung.com/tr
SOUTH AFRICA	0860-SAMSUNG(726-7864)	www.samsung.com/za
U.A.E	800-SAMSUNG (726-7864), 8000-4726	www.samsung.com/ae



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