

YP-Q2

# 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/register](http://www.samsung.com/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 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**

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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!**

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

## **COLOR LCD SCREEN DESIGN**

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Vivid color and images are delivered on the LCD screen.

## **FREEDOM OF YOUR FAVORITE SELECTION WITH MP3 PLAYER!**

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You can create playlists of your favorite music.

## **LONGER PLAY TIME AND SHORTER DOWNLOADING!**

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A fully charged battery can play up to 50 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**

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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 :

|   |  |
|---|--|
| <br><b>WARNING</b> | Means that death or serious personal injury is a risk.   |
| <br><b>CAUTION</b> | Means that there is a potential risk for personal injury or material damage.   |
| <br><b>CAUTION</b> | To reduce the risk of fire, explosion, electric shock, or personal injury when using your MP3 Player, follow these basic safety precautions: |
| <br><b>NOTE</b>    | 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

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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

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- 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 at 1-800-SAMSUNG.
- 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

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- 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

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- 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.



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



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



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

# SAFETY INFORMATION

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## FCC

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

**Caution:** Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Declaration of Conformity

We, Samsung Electronics Co.,Ltd., declares under its sole responsibility that the product, Trade name Samsung & Model name YP-Q2, has been tested according to the part 15 of the FCC Rules.

Party responsible for Product Compliance

Samsung Electronics America QA Lab.

18600 Broadwick Street, Rancho Dominguez, CA 90220

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# the basics

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## WHAT'S INCLUDED

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Your new MP3 player comes with these accessories. If you're missing any of these items, contact Samsung Customer Service at 1-800-SAMSUNG (1-800-726-7864).

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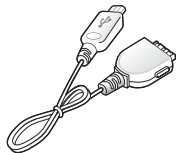


**Player**



**Earphones**

Black : AH59-01884A  
White : AH59-01886A



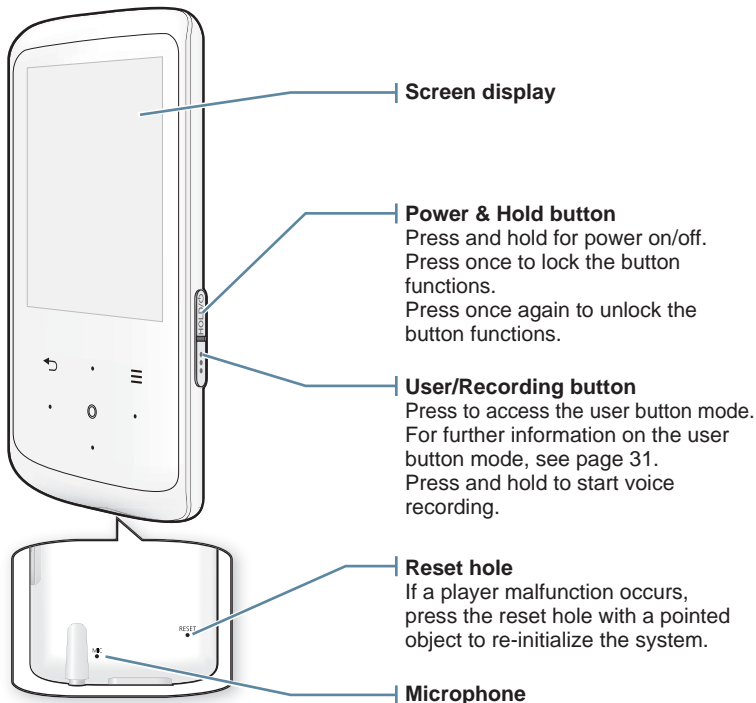
**USB Cable**

AH39-00899B

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

## YOUR MP3 PLAYER

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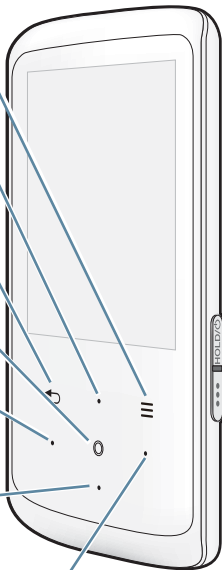


## YOUR MP3 PLAYER (Continued)

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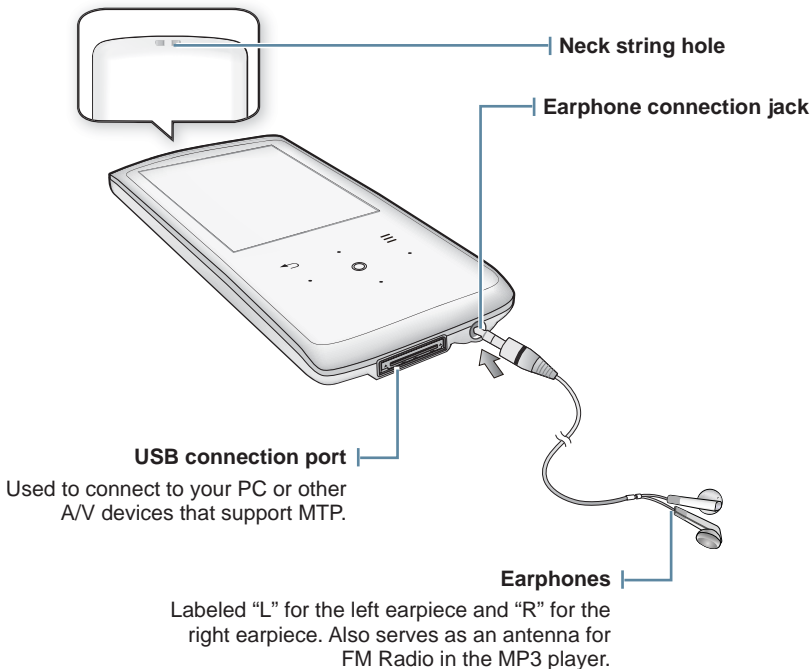
These buttons are 'Touch Sensitive' buttons.

- 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 hold to move to the main menu screen.
- Play/Pause/Select button**  
Tap to select Play/Pause and a function, or move to the next screen.
- Left file browser button**  
Tap to move to the previous track/menu or play the current track from the beginning.  
Press and hold to quickly scan tracks.
- 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 hold to quickly scan tracks.



## YOUR MP3 PLAYER (Continued)

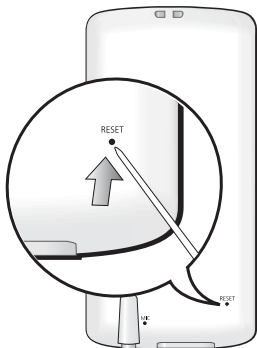
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## RESETTING THE SYSTEM

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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.

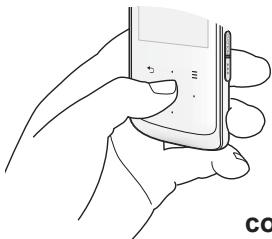


- Do not press the Microphone hole with a pointed object, as it will damage the product.

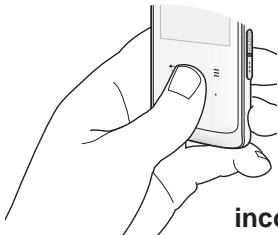
## USING THE TOUCH BUTTON

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Tap on the touch button with your fingertip.



**correct**



**incorrect**



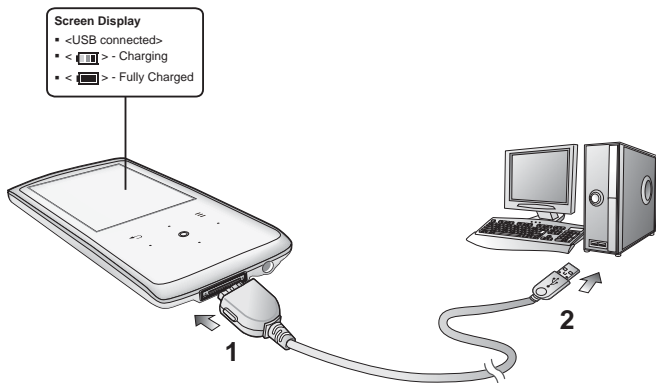
**NOTE**

- 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.



## CONNECTING TO YOUR PC/CHARGING THE BATTERY

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



1. Connect the larger end of the USB cable to the USB connection port on the bottom of the player.
2. Connect the smaller end of the USB cable to the USB port (⚡) on your PC.

|                                 |   |
|---------------------------------|---|
| <b>Charging Time</b>            | about 4 hours                                 |
| <b>Play Time on Full Charge</b> | Video : Max. 4 hours<br>Music : Max. 50 hours |



NOTE

- Total charging time varies depending on your PC environment.



CAUTION

- The player can only be charged by connecting to your PC with the USB cable. Do not use a separate USB AC Adapter as it may not charge the battery or allow proper operation of the player.

## CARING FOR THE BATTERY

---

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

- Recharge the battery within the temperature range of 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.



- If you are charging the player while it is connected to a laptop computer, make sure the laptop's battery is also fully charged or that the laptop is plugged into its power source.
- The battery is charged when the PC is active or idle.  
It is not charged when the PC is in standby, hibernation or shutdown modes.

## TURNING THE POWER ON & OFF

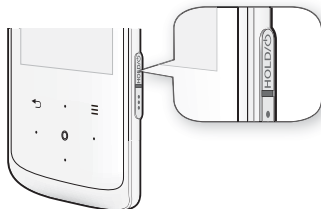
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### Turning the Power on

Press and hold the [  ] button.

### Turning the Power off

Press and hold the [  ] button.



- 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 26 for more information.

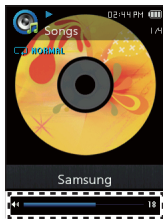
## CONTROLLING THE VOLUME

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

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

- The volume range is set between 0 to 30.

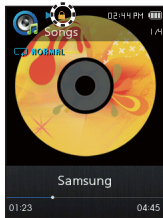


## DISABLING THE BUTTONS

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


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

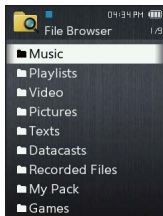


## BROWSING FOR FILES USING “FILE BROWSER”

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

1. Select the  icon on the main menu screen.
2. Select a desired folder to bring up the file list.
3. Select a desired file.
  - The file will start playing.



NOTE

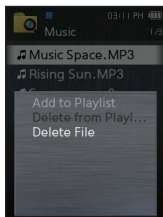
- <My Pack> of <File Browser> is where DNSe files transferred by <EmoDio> are stored. For further information on DNSe, refer to <myDNse> → <DNSe (Digital Natural Sound engine)> in the Help section of the <EmoDio> software.

## DELETING FILES WITH “FILE BROWSER”

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Follow steps 1-2 above.

3. Select the file that you want to delete and tap [ ≡ ].
4. Select <Delete File> → <Yes>.
  - The file will be deleted.



NOTE

- The selected file cannot be deleted while it's playing back.




CAUTION

- Once files are deleted, they cannot be recovered.

## CHANGING THE SETTINGS AND PREFERENCES

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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.

1. Select the  icon on the main menu screen.
2. Select a desired item in the setting list.
3. Select a desired setting option.
4. Set the options you prefer.



[Settings list]

## CHANGING THE SETTINGS AND PREFERENCES (Continued)

### Sound Setting Options

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

- **Master EQ:** You can optimize sound settings. Select the desired frequency and its level. The frequencies that can be adjusted are <60Hz>, <150Hz>, <400Hz>, <1.1kHz>, <3.5kHz>, <8kHz>, and <14kHz>.
- **Beep Sound** : Sets the beep sound for button operations to on or off. Select either <Off> or <On>.
- **Volume Limit** : You can avoid hearing damage by setting the volume limit when using the earphones. <On> will limit the maximum volume level to 15. The maximum volume level when the volume limit is set to <Off> is 30. If you have selected over 15, the volume will default back to 15 when you turn the player off to decrease the risk of hearing damage when you turn the player back on.



## CHANGING THE SETTINGS AND PREFERENCES (Continued)

### Display Setting Options

Change the menu design, font, display off and brightness of your screen, etc.

- **Menu Design:** You can change the style of the main menu screen. Select either <Matrix> or <String>.
- **Font:** You can change the font type of the menu language. Select one of 3 font types. With Simplified Chinese, Traditional Chinese and Thai menu languages, the <Font> will not appear.
- **Reset My Skin:** Initializes the background image of the display screen to its default image. Select <Yes> to reset the background image.
- **Display Off Time:** If no button is tapped within the set time shown below, the screen display will automatically be turned off. Select from <15sec>, <30sec>, <1min>, <3min>, <5min> and <Always On>. Press any button to turn it back on.
- **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)

### Language Setting Options

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

- **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>, <Български>, <Română>, <Українська>, <Slovenščina> or <Slovenský>.



- **Contents:** Set the language in which the track information will appear.

Select from <English>, <Korean>, <French>, <German>, <Italian>, <Japanese>, <Chinese(S)>, <Chinese(T)>, <Spanish>, <Russian>, <Hungarian>, <Dutch>, <Polish>, <Portuguese>, <Swedish>, <Thai>, <Finnish>, <Danish>, <Norwegian>, <Afrikaans>, <Basque>, <Catalan>, <Czech>, <Estonian>, <Greek>, <Hrvatski>, <Icelandic>, <Romanian>, <Slovak>, <Slovene>, <Turkish> or <Vietnamese>.



NOTE


- Samsung may change or add languages in the future.



## CHANGING THE SETTINGS AND PREFERENCES (Continued)

### Date&Time Setting Option

Set the current date and time.


1. Set each <Year>, <Month>, <Date>, <Hour>, <Min>, <AM/PM>.
2. Tap [  ].
3. Select <Yes>.
  - The date and time will be saved.



## CHANGING THE SETTINGS AND PREFERENCES (Continued)

### System Setting Options

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

- **My Info:** You can set your name and birth date. See page 28.
- **Sleep:** Turns off power automatically after the preset time. Select either <Off>, <15min>, <30min>, <60min>, <90min> or <120min>.
- **Auto Power Off:** Automatically turns power off when the unit is in Pause mode and there is no button operation within the preset time. Select either <15sec>, <30sec>, <1min>, <3min>, <5min> or <Always On>.
- **Library Update:** If a file name is displayed abnormally, select <Library Update> to correct the file name.
- **PC Connection:** You can set USB connection to the PC to either <MTP> or <MSC>. The default (factory) setting of PC connection is set to <MTP>. Selecting <MSC> will use the player as a removable storage device. See page 29.
- **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. 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.
- **User Button Mode:** You can check or set the function of the [  ] button in each mode. See page 31.
- **User Button Guide:** The user button function guide in each mode will appear for a short time on the top right corner of the screen. Select either <On> or <Off>.



## CHANGING THE SETTINGS AND PREFERENCES (Continued)

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### System Setting Options (Continued)

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- **About:** Checks the memory capacity, file number and firmware version.
    - **Memory** - <Used> indicates the usage, <Available> indicates the remaining capacity and <Total> indicates the total memory capacity.
    - **Files** - You can check the number of music files, videos, pictures, texts and entire files.
    - **Firmware** - Displays the current firmware version.
  - **Demo Mode:** If you set it to <On>, the player repeats playing the sample clip in the video folder. If there is no sample clip, <Demo Mode> will not be shown.
- 







#### ▪ **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.


## CHANGING THE SETTINGS AND PREFERENCES (Continued)


### My Name Setting

1. Select **<My Info>**.
2. Select **<My Name>**.
3. Enter your name.
  - [  ] : The input mode switches from upper and lower case English to numbers.
  - [  ] : You can delete the characters one at a time.
  - [  ] : You can insert '-'.
  - [  ] : Confirm your setting.
  - Once you completed the name setting, you will see your name.



### My Birthday Setting

-  **Before you start** - First, you should set the clock for the current time. See page 25.

1. Select **<My Info>**.
2. Select **<My Birthday>**.
3. Set each **<Year>**, **<Month>**, **<Date>**.
4. Tap [  ].
  - Once you completed the birth date setting, you will be reminded of your birthday.



# CHANGING THE SETTINGS AND PREFERENCES (Continued)

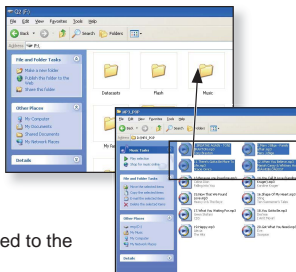
## When the pc connection is set to <MSC>

### Using as a removable disk

You can use the player as a removable storage device.

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

1. Open files/folders to transfer on your PC.
2. Open **<My Computer>** → **<Q2>** on the desktop.
3. Select the files/folders to transfer from your PC and drag-and-drop them to a folder of your choice in the **<Q2>**.
  - 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 a player malfunction.
- The order of music files displayed in your PC may differ from the play order on your player.
- If you transfer a DRM (Digital Rights Management) file to the player, the file will not be played.



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 music files applied with copy protection technology.

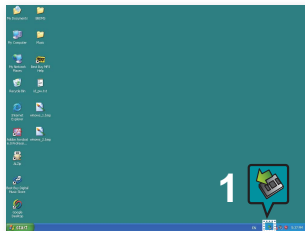
# CHANGING THE SETTINGS AND PREFERENCES (Continued)

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

### Disconnecting from your PC

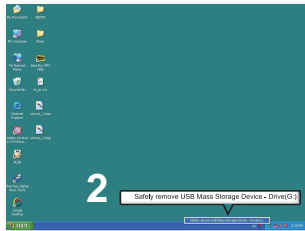
Follow the steps below to prevent damage to the player and data when disconnecting from your PC.

1. Place the mouse cursor on top of the  icon on the taskbar at the bottom right corner of the desktop and click the left mouse button.
2. Click the **<Safely Remove USB Mass Storage Device>** 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 safely disconnect the player while files within the player are being played on your PC. Please retry after file playback is finished.




# CHANGING THE SETTINGS AND PREFERENCES (Continued)







## User Button Mode Setting

You can access the function directly with the [  ] button in each mode.

### 1. Select <User Button Mode>.

- You can check the function of the user button in each mode.
- In the Music mode, you can set one of 3 music options as a user button by tapping [  ].
- The user button function in each mode



| Mode  | Option          | Function   |
|---|-----------------|--|
| <br><Music>    | Repeat A-B      | This function enables you to listen to specific parts of a track repeatedly.<br>Tap [  ] button once to set the beginning of the section while listening to music and tap it once again to set the ending of the section. |
|   | Skip Back       | You can skip 10sec back in the current music file.   |
|   | Add to Playlist | You can add the current music track to the playlist.   |
| <br><Videos>   | Skip Back       | You can skip 10sec back in the current video file.   |
| <br><Pictures> | Zoom            | You can zoom in on a picture.  |
| <br><Texts>    | Font Size       | You can set a font size in the text screen.  |
| <br><FM Radio> | Add to Preset   | You can store or delete the preset frequency while listening to FM radio.  |



- The skip back interval may differ from the actual interval, depending on the file.

# EmoDio

---


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



▪ **Before you start** - Follow the quick start guide to install EmoDio.

Connect the player to your PC.

<EmoDio> will automatically start when the player is connected to your PC.

If the program does not start automatically, double-click the <EmoDio> icon  on the desktop.

## PC REQUIREMENTS

---

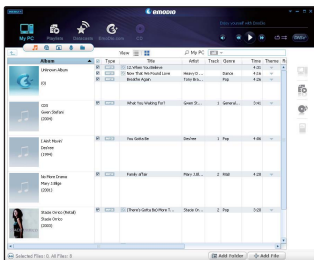
Your PC system must meet the following minimum specifications in order to install and run EmoDio:

- Pentium 500MHz or higher
- USB Port 2.0
- Windows XP Service Pack 2 or higher
- DirectX 9.0 or higher
- 300MB of free hard disc space
- CD Rom Drive (2X or higher)
- Windows Media Player 10.0 or higher
- Resolution 1024 X 768 or higher
- Internet Explorer 6.0 or higher
- 512 MB RAM or higher



## USING EMODIO

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



My PC

"EmoDio" file transfer is the easiest way to get files from your PC to your MP3 player.



Playlists

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



Datacasts

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



EmoDio.com

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



- For further information on <EmoDio>, click <MENU> → <Help> → <Help> on the top of the <EmoDio> program.

## USING EMODIO (Continued)

---



CAUTION

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



NOTE

- All functions on the player are disabled during the PC connection.
- Use FAT 32 for the file system when formatting the player on your PC. In Windows Vista, click Restore device defaults and format it.
- An audio book with DRM (Digital Rights Management) cannot be transferred and played on the Q2.
- If you connect the USB cable to the PC and the player's battery charge is low, the player will be charged for several minutes before connecting to the PC.
- Music recognition technology and related data are provided by Gracenote and Gracenote CDDB<sup>®</sup> Music Recognition Service<sup>SM</sup>.
- CDDB is a registered trademark of Gracenote. The Gracenote logo and logotype, the Gracenote CDDB logo and logotype, and the "Powered by Gracenote CDDB" logo are trademarks of Gracenote. Music Recognition Service and MRS are service marks of Gracenote.

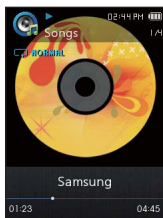
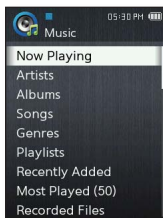
# listening to music


---

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

## LISTENING BY CATEGORY

---



1. Select the  icon on the main menu screen.
2. Select a desired item in the music list.
3. Select a music file to play.
  - The music will start playing.

## LISTENING BY CATEGORY (Continued)

---

### Music List

---

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

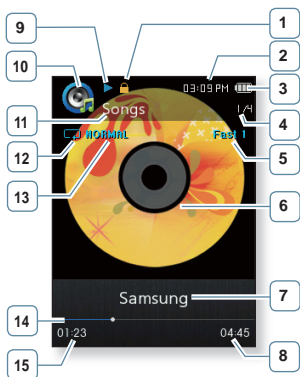
- **Now Playing:** Plays a recently played file or moves to the playback screen of the current file.
  - **Artists:** To play by artist.
  - **Albums:** To play by album. Tap [ ≡ ] to select a <List Type>. Select <Album Art> to view both the album cover image and the album title simultaneously or select <List> to view only the album title.
  - **Songs:** To play in numeric or alphabetical order.
  - **Genres:** To play by genre.
  - **Playlists:** To play by Playlist.
  - **Recently Added:** Shows 3 lists of recently added files by date.
  - **Most Played(50):** Shows the top 50 files in the order of the most played.
  - **Recorded Files:** Shows all recorded files.
  - **Music Browser:** Shows all the music files stored in the Music Folder.
- 



NOTE

- MP3, WMA, Ogg and FLAC music files are compatible with 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.

# MUSIC PLAYBACK DISPLAY



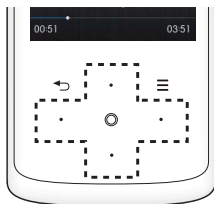
- 1 Lock Indicator
- 2 Current Time
- 3 Battery Status
- 4 Current track playing / Total number of tracks Indicator
- 5 Play Speed Indicator
- 6 Music Play Screen
- 7 Music Title
- 8 Total Play Time
- 9 Play/Pause/Search Indicator
- 10 Music Mode Indicator
- 11 Parent Menu Indicator
- 12 Play Mode Indicator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




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

## TOUCH BUTTONS FOR PLAYBACK CONTROL

---



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




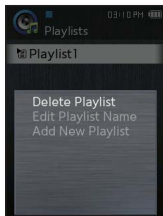
- When playing VBR files, the [Left] button function shown above may not operate properly.

# CREATING A PLAYLIST ON YOUR MP3 PLAYER

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

## To delete a Playlist

1. Select the  icon on the main menu screen.
2. Select **<Playlists>**.
3. Select a desired playlist and tap [ ≡ ].
4. Select **<Delete Playlist>**.
  - The selected playlist will be deleted.



## To edit the Playlist Name

Follow steps 1-3 above.


4. Select **<Edit Playlist Name>**.
5. Enter your playlist name.
  - [ ≡ ]: The input mode switches from upper and lower case English to numbers.
  - [ ← ]: You can delete the characters one at a time.
  - [ - ]: You can insert '-'.
    - [ OK ]: Confirm your setting.
    - The playlist name will be changed.

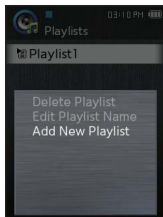


- If the player has only one playlist, it won't be deleted.
- You can not delete and edit the playlist that is not created on the player.

# CREATING A PLAYLIST ON YOUR MP3 PLAYER (Continued)

## To add a new Playlist

1. Select the  icon on the main menu screen.
2. Select <Playlists> and tap [ ≡ ].
3. Select <Add New Playlist>.
4. Enter your playlist name.
  - [ ≡ ] : The input mode switches from upper and lower case English to numbers.
  - [ ← ] : You can delete the characters one at a time.
  - [ - ] : You can insert '-'.  
Note: The original image shows a plus sign (+) in the button, but the text description says it inserts a hyphen (-).
  - [ OK ] : Confirm your setting.
  - A new playlist will be added.




NOTE

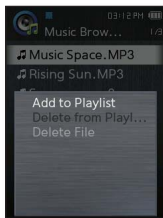
- You can add 4 additional playlists on your player besides the default Playlist1.
- For information on how to create a playlist in <EmoDio> and transfer it to the player, refer to <My Album> in the Help section of the <EmoDio> software.



## CREATING A PLAYLIST ON YOUR MP3 PLAYER (Continued)


### To add a file to the Playlist

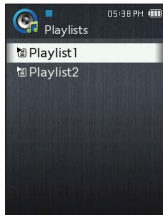
1. Select the  icon on the main menu screen.
2. Select **<Music Browser>**.
3. Select a music file to add and tap [ ≡ ].
4. Select **<Add to Playlist>**.
5. Select a playlist to add the selected file.
  - The selected file will be added to the playlist.



- You can add up to 200 music files to each playlist.


### To play a file in the Playlist

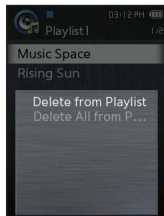
1. Select the  icon on the main menu screen.
2. Select **<Playlists>**.
3. Select a desired playlist.
4. Select a music file to play.
  - The music file will start playing.



## CREATING A PLAYLIST ON YOUR MP3 PLAYER (Continued)

### To delete a file from a Playlist

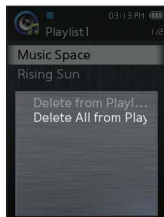
1. Select the  icon on the main menu screen.
2. Select **<Playlists>**.
3. Select a desired playlist.
4. Select a file to delete and tap [ ≡ ].
5. Select **<Delete from Playlist>**.
  - The selected file is deleted from the playlist.



### To delete all files from a Playlist

Follow steps 1-3 above.

4. Tap [ ≡ ].
5. Select **<Delete All from Playlist>**.
  - All files are deleted from the playlist.



- The selected file in the playlist cannot be deleted while it's playing back.

## USING THE MUSIC MENU

---

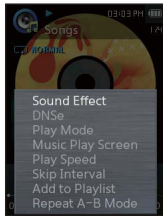
The Music menu allows you manage all facets of listening - from repeating tracks and albums to choosing the background on the screen as you listen.

### To set the sound effect

---

You can select the sound effect for your favorite music files.

1. Tap [ ≡ ] while listening to music.
2. Select <Sound Effect>.
3. Select a desired sound effect.



### Sound Effect Options

---

- **Street Mode** : Allows you to hear the music outdoors clearly by filtering out some of the street noise. Select from 0~2.
  - **Audio Upscaler** : This function upscales audio so it sounds closer to its original condition. The Audio Upscaler only functions with music files of low quality. Select either <Off> or <On>.
-

## USING THE MUSIC MENU (Continued)

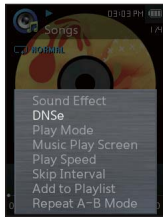
---

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

---

Select the right sound for each music genre.

1. Tap [ ≡ ] while listening to music.
2. Select <DNSe>.
3. Select a desired DNSe.
  - Select from <Auto>, <Normal>, <Studio>, <Rock>, <Classical>, <Jazz>, <Ballad>, <Club>, <R&B>, <Dance>, <Café>, <Concert>, <Church> and <myDNSe>.
  - <Auto> will automatically select the corresponding DNSe according to genre and other mood information set by EmoDio.
  - Selecting <myDNSe> enables you to make and save different user DNSe settings. See page 45.



#### ▪ 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.

- The DNSe will be set only if the play speed set to <Normal>.



## USING THE MUSIC MENU (Continued)

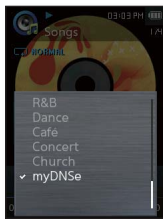
---

### To select user DNSe

---

You can set 3 different user DNSe on the player or up to 97 in the EmoDio software for transfer to the player. This enables you to make and save many different DNSe settings to enhance various types of music.

1. Tap [  ] while listening to music.
2. Select <DNSe>.
3. Select <myDNSe>.
4. Select the desired User DNSe and tap [ **Right** button].
  - You can set the user DNSe options.
5. Set the options you prefer and tap [  ].
  - The set user DNSe is selected.
  - <User 1> ~ <User 3> in myDNSe is available on your player. You can also use EmoDio to create and download other user DNSe to your player.



### User DNSe Options

---

You can set <EQ>, <3D&BASS>, <Concert Hall> and <Clarity> when you have selected <myDNSe>.

- **EQ:** You can adjust individual frequencies to set the sound to your preference. The frequencies that can be adjusted are <60Hz>, <150Hz>, <400Hz>, <1.1KHz>, <3.5KHz>, <8KHz>, <14KHz> and the selected frequency's level can be set from <-10 ~ +10>.
- **3D&BASS:** Sets 3D sound effect and bass enhancement. You can select from <0 ~ 4> for the <3D> and <BASS>.
- **Concert Hall:** You can adjust the concert hall size and the level as if you are listening to music in a real concert hall. You can select from <0 ~ 3> for the <Size> and <Level>.
- **Clarity:** You can enjoy clearer sound with improved quality. You can select from <0 ~ 2>.

## USING THE MUSIC MENU (Continued)

---

### To select user DNSe (Continued)

---



NOTE

- For further information on setting a user DNSe using <EmoDio>, refer to <myDNse> → <DNSe (Digital Natural Sound engine)> in Help section of the <EmoDio> software.

### To set the play mode

---

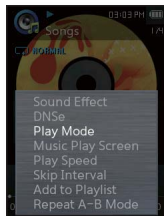
Select the playback mode from the options below.

1. Tap [ ≡ ] while listening to music.
2. Select <Play Mode>.
3. Select a desired play mode.

#### Play Mode Options

---

- **Normal:** Plays all files of the current music list in order one time.
  - **Repeat:** Repeats playing all files in the current music list.
  - **Repeat One:** Repeats playing one file.
  - **Shuffle:** Repeats playing all files of the current music list at random.
- 



## USING THE MUSIC MENU (Continued)

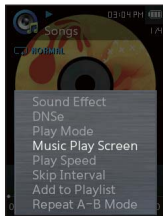
---

### To select the music play screen

---

Choose a background image from those provided to be displayed as you listen to music.

1. Tap [ ≡ ] while listening to music.
2. Select **<Music Play Screen>**.
3. Select a desired music play screen.



### Music Play Screen Options

---

- Select from **<Album Art>**, **<Auto>**, **<Passionate>**, **<Sweet>**, **<Calm>**, **<Exciting>**, **<Reflection>** and **<Album Info.>**.
- **Album Art:** The album cover image displays if it is included in the ID3 Tag information of the music file.  
Album cover images less than 2MB size are supported.
- **Auto :** Music playback screen appears according to genre and other mood information set by EmoDio.
- **Album Info. :** Information on the artist name, album and genre is displayed if ID3 Tag information is stored on the music file.



#### ▪ What is an ID3 Tag?

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

## USING THE MUSIC MENU (Continued)

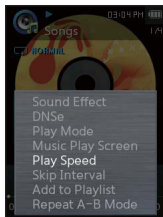
---

### To set the play speed

---

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

1. Tap [ ≡ ] while listening to music.
2. Select **<Play Speed>**.
3. Select a desired play speed.
  - Select from **<Slow 3>**, **<Slow 2>**, **<Slow 1>**, **<Normal>**, **<Fast 1>**, **<Fast 2>**, **<Fast 3>**.

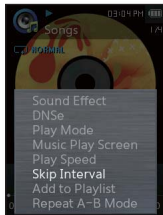


### To set the skip interval

---

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.
2. Select **<Skip Interval>**.
3. Select a desired skip interval.
  - Select from **<1 Song>**, **<5sec>**, **<10sec>**, **<30sec>** and **<1min>**.



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)

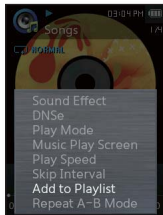
---

### To add a file to the Playlist

---

You can add the current music track to a desired playlist.

1. Tap [ ≡ ] while listening to music.
2. Select **<Add to Playlist>**.
3. Select a desired playlist and tap [ ○ ].
  - The current track will be added to the playlist.
  - You can check the playlist in <Music> → <Playlists> in the main menu.



NOTE

- If the current track has been already added to all of the playlist <Add to Playlist> will not be selected.

## USING THE MUSIC MENU (Continued)

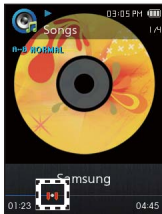
---

### To set Section Repeat

---

This function enables you to listen to specific parts of a track repeatedly. It's helpful when learning a language.

1. Tap [ ≡ ] while listening to music.
2. Select **<Repeat A-B Mode>**.
3. Tap [ ≡ ] at the beginning of the section you want to repeat.
  - The starting point is set and < ♥ > mark will appear on the play status bar.
4. Tap [ ≡ ] again to set the ending of the section you want to repeat.
  - < ♥ > mark will appear on the play status bar and the specified section starts to play repeatedly.



### To cancel Section Repeat

---

Tap [ ≡ ] during Section Repeat.

- Section Repeat will be canceled.



NOTE

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

# watching a video

---



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

## WATCHING A VIDEO

---



1. Select the  icon on the main menu screen.

2. Select a video file to play.

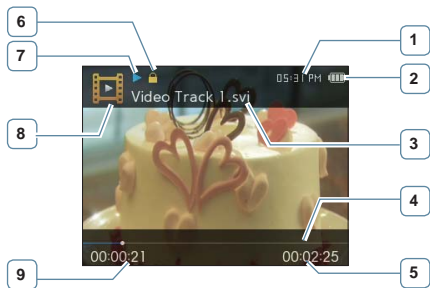
- The selected video file starts to play horizontally.



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. Refer to <Playing video> in Help section of the <EmoDio> software.

# VIDEO PLAYBACK DISPLAY



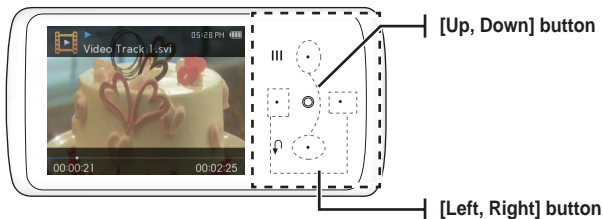
|   |                        |   |                                    |
|---|------------------------|---|------------------------------------|
| 1 | <b>Current Time</b>    | 6 | <b>Lock Indicator</b>              |
| 2 | <b>Battery Status</b>  | 7 | <b>Play/Pause/Search Indicator</b> |
| 3 | <b>File Name</b>       | 8 | <b>Video Mode Indicator</b>        |
| 4 | <b>Play Status Bar</b> | 9 | <b>Current Play Time</b>           |
| 5 | <b>Total Play Time</b> |   |                                    |




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

## TOUCH BUTTONS FOR PLAYBACK CONTROL


---



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

## WATCHING A BOOKMARKED FILE

The point where video file playback was last stopped is automatically bookmarked.

1. Select the  icon on the main menu screen.
  - You can see the colored bookmark file in the video file list.
2. Select a desired bookmark file.
  - You can watch the video file from the point the file is last played.



- Up to 10 bookmarks can be set.



## USING THE VIDEO MENU

### To adjust the brightness

You can adjust the brightness of the video screen.

1. Tap [ ≡ ] during video playback.
2. Select **<Brightness>**.
3. Select a desired brightness.
  - Select a level from <0-10>.



- The brightness adjustment menu can only be adjusted in the video screen.

## 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.
2. Select <DNSe>.
3. Select a desired DNSe.
  - Select from <Normal>, <Drama> and <Action>.



NOTE

#### ▪ What is DNSe?

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



### To set the auto skip

---

You can automatically forward through a file at a faster speed without sound.

1. Tap [ ≡ ] during video playback.
2. Select <Auto Skip>.
3. Select a desired auto skip.
  - <Fast Skip 1> : Skip about 4 seconds at a time.
  - <Fast Skip 2> : Skip about 8 seconds at a time.
  - <Fast Skip 3> : Skip about 16 seconds at a time.
  - <Fast Skip 4> : Skip about 32 seconds at a time.



NOTE

- The actual skip interval may not be exactly what you select, depending on the file.

### To cancel the auto skip

---

Tap [ ○ ] during the auto skip.

- The auto skip will be canceled.




# viewing pictures



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

## VIEWING PICTURES

1. Select the  **icon** on the main menu screen.
2. Select a desired picture file.
  - The selected picture will be displayed.

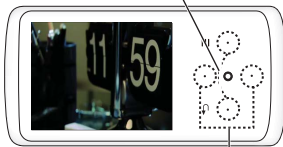


### To move to the previous/ next picture

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

- The previous/next picture will be displayed.

[Up, Down] button




[Left, Right] button

**<In horizontal view>**



NOTE

-  will be displayed if the picture files have the wrong thumbnail information.
- Some pictures may load slowly.
- 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. For more information, refer to <Viewing pictures> in the Help section of the <EmoDio> software.



# PICTURE DISPLAY

## Picture Preview Screen



|   |  |
|---|--|
| 1 | Parent Menu Indicator                          |
| 2 | Current Time                                   |
| 3 | Battery Status                                 |
| 4 | Current file / Total number of files Indicator |
| 5 | Lock Indicator                                 |
| 6 | Music Play Status                              |
| 7 | Picture Mode Indicator                         |
| 8 | File Name                                      |
| 9 | Thumbnail Images                               |



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

## USING THE PICTURE MENU

---

### To view pictures while listening to music or FM radio

---

You can enjoy music or FM radio while viewing pictures.

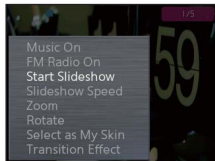
1. Tap [ ☰ ] while viewing a picture.
2. Select **<Music On>** or **<FM Radio On>**.
  - Each tap of the **<Music On>** or **<FM Radio On>** toggles between sound on/off.



### To watch a slideshow

---

1. Tap [ ☰ ] while viewing a picture.
2. Select **<Start Slideshow>**.
  - You will see [ 🎞 ] on the screen and then the player will start the slideshow.



## USING THE PICTURE MENU (Continued)

---

### To stop the slideshow

---

1. Tap [ ≡ ] in the slideshow mode.
2. Select **<Stop Slideshow>**.
  - This will stop the slideshow.



NOTE

- You can also stop a slideshow by tapping [ ○ ] in the slideshow mode.

### To set the slideshow speed

---

1. Tap [ ≡ ] while viewing a picture.
2. Select **<Slideshow Speed>**.
3. Select a desired speed.
  - Select from **<Fast>**, **<Normal>**, and **<Slow>**.




## USING THE PICTURE MENU (Continued)

---

### To enlarge a picture

---

You can zoom in on a picture.

1. Tap [  ] while viewing a picture.
2. Select **<Zoom>**.
3. Select a desired zoom factor.
  - 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 [  ] while a picture is zoomed.



NOTE

- The bigger a picture size is, the longer it takes 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.
2. Select **<Rotate>**.
3. Select a desired angle.
  - Select from <Left 90°>, <Right 90°> and <180°>.



## USING THE PICTURE MENU (Continued)

---

### 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 [ ≡ ].
2. Select **<Select as My Skin>** → **<Yes>**.
  - The selected picture will be set to the background image.



### To change the transition effect

---

You can set the transition effect for the way the current picture switches to the previous or next one.

1. Tap [ ≡ ] while viewing a picture.
2. Select **<Transition Effect>**.
3. Select a desired transition effect.
  - Select from **<Off>**, **<Auto>**, **<Fade>**, **<Checkers>**, **<Push>**, **<Flip>** and **<Iris>**.



# 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** - Connect the earphones, then turn on the player, and check the battery. Set a preferred text language for text. See page 67.



## READING TEXT

---

1. Select the  icon on the main menu screen.

TEXTS

2. Select a desired text file.

- You will see the text on the screen.
- Press and hold [  ] to display in full screen.  
To return to the previous screen, press and hold [  ] again.



### To move to the previous/next page

---

Tap the **[Left, Right] button**.

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




- Your MP3 player supports the TXT file format in Text mode.

NOTE

## READING A BOOKMARKED FILE

---

The point where text file playback was last stopped is automatically bookmarked.

1. Select the  icon on the main menu screen.
  - You can see the colored bookmark file in the text file list.

2. Select a desired bookmark file.
  - You can read the text file from the point the file is last played.

-  NOTE ▪ Up to 10 bookmarks can be set.



## USING THE TEXT MENU

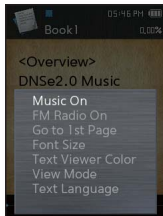
---

### To read text while listening to music or FM radio

---

You can enjoy music or FM radio while reading texts.

1. Tap [ ≡ ] while viewing a text.
2. Select **<Music On>** or **<FM Radio On>**.
  - Each select of the **<Music On>** or **<FM Radio On>** toggles between sound on or off.





## USING THE TEXT MENU (Continued)

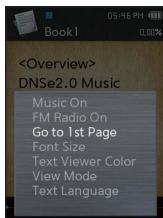
---

### 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.
2. Select **<Go to 1st Page>** → **<Yes>**.
  - Moves to the first page of the text file.

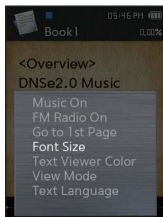


### To change the font size

---

You can change the font size of the text.

1. Tap [ ≡ ] while viewing a text.
2. Select **<Font Size>**.
3. Select a desired font size.
  - Select from <Small>, <Medium> and <Large>.



## USING THE TEXT MENU (Continued)

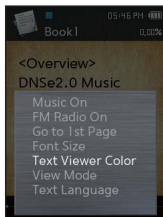
---

### To set the text viewer color

---

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

1. Tap [ ≡ ] while viewing a text.
2. Select **<Text Viewer Color>**.
3. Select a desired text viewer color.
  - Select from <Type 1> to <Type 6>.

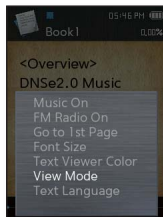


### To set the text view mode

---

You can view text horizontally or vertically.

1. Tap [ ≡ ] while viewing a text.
2. Select **<View Mode>**.
3. Select a desired view mode.
  - Select either <Vertical> or <Horizontal>.
  - Select <Vertical> to view the text vertically and select <Horizontal> to rotate the text horizontally.



# USING THE TEXT MENU (Continued)

---

## To set a text language

---

You can select a language for viewing text.

1. Tap [ ≡ ] while viewing a text.

2. Select **<Text Language>**.

- <English>, <Korean>, <French>, <German>, <Italian>, <Japanese>, <Chinese(S)>, <Chinese(T)>, <Spanish>, <Russian>, <Hungarian>, <Dutch>, <Polish>, <Portuguese>, <Swedish>, <Thai>, <Finnish>, <Danish>, <Norwegian>, <Afrikaans>, <Basque>, <Catalan>, <Czech>, <Estonian>, <Greek>, <Hrvatski>, <Icelandic>, <Romanian>, <Slovak>, <Slovene>, <Turkish>, <Vietnamese>.

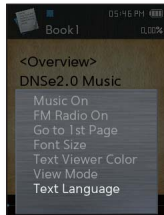
3. Select a desired language.

- You can view text in the selected language.



NOTE


- The supported languages can be changed or added.



# listening to FM radio



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

## LISTENING TO FM RADIO

1. Select the  icon on the main menu screen.
  - FM radio reception will start.



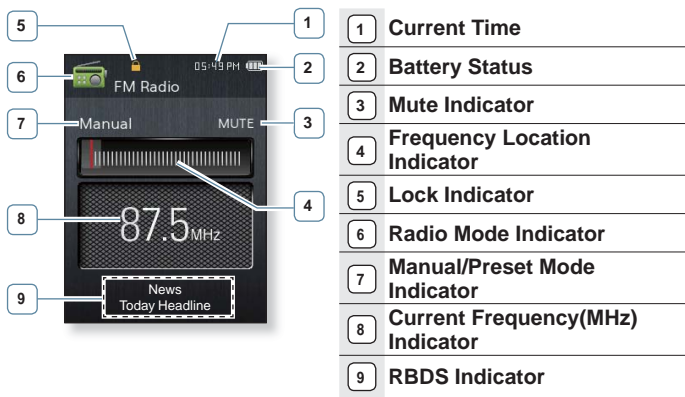
### To use the Mute function

- Tap [  ] while listening to FM Radio
- Tap [  ] once again to resume listening.



- 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 find an available FM frequency.

# FM RADIO DISPLAY



## What is RBDS?

Radio Broadcast Data System(RBDS) provides reception and display of messages such as broadcasting information.

Program information such as News, Sports or Music, or station information is displayed on the screen.

- If FM signal strength is weak, the RBDS information might not be displayed.
- The screen pictures are for illustration purposes only. The actual screen may differ.

## USING THE FM RADIO MENU

---

### To search for FM stations

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

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

OR,

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



## USING THE FM RADIO MENU (Continued)

---

### 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.
2. Select **<Go to Preset Mode>**.



NOTE

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



### To switch to Manual Mode

---

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

1. Tap [ ≡ ] in Preset mode.
2. Select **<Go to Manual Mode>**.



## 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 button.

#### Manual - choose only the stations you want to store

1. Select a frequency to preset in Manual mode and tap [ ≡ ].
2. Select **<Add to Preset>**.
  - The selected frequency will be added to the preset list.



#### Automatic – automatically store all the stations the player receives

1. Tap [ ≡ ] in FM Radio mode.
2. Select **<Auto Preset>** → **<Yes>**.

#### To cancel Auto Preset

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

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



## USING THE FM RADIO MENU (Continued)

---

### To listen to preset stations

---

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

- 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. Search for a preset frequency to delete in Preset mode and tap [ ≡ ].
  - The selected frequency will be deleted.
2. Select **<Delete from Preset>**.




## 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. Select a frequency to record in FM Radio mode and tap [  ].

2. Select **<Start Recording>**.

- The player starts recording.




NOTE

- You can also record FM radio by pressing and holding the [  ] button in FM Radio mode.



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

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



NOTE

- The recorded file is saved in MP3 format.
- The recorded file is stored in **<File Browser>** → **<Recorded Files>** → **<FM Radio>**.
- Each recording file can be as long as 8 hours.
- The player can store a maximum of 17 hours worth of recorded files. (based on 128Kbps, 1GB)
- You can store a maximum of 999 files for FM radio recording.



## USING THE FM RADIO MENU (Continued)

---

### To set the FM recording quality

---

You can select the recording quality for FM radio.

1. Tap [ ≡ ] in FM Radio mode.
2. Select <REC Quality>.
3. Select a desired recording quality.
  - Select from <Super High(128kbps)>, <High(96kbps)>, <Normal(64kbps)>.
  - The better the quality, the bigger the file.



### To set the FM reception

---

To receive more or fewer FM radio frequencies, adjust the <FM Reception>.

1. Tap [ ≡ ] in FM Radio mode.
2. Select <FM Reception>.
3. Select a desired reception.
  - Select from <High>, <Middle> and <Low>.
  - If you select <High>, more frequencies will be received.




## 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.
2. Select **<FM Region>**.
3. Select a desired FM region.

- Frequency range by region

|                  |  |
|------------------|--|
| <b>Worldwide</b> | Search for FM frequencies in 50 kHz increments between 87.50 MHz~108.00 MHz. |
| <b>USA</b>       | Search for FM frequencies in 100 kHz increments between 87.5 MHz~108.0 MHz.  |
| <b>Korea</b>     |  |
| <b>Japan</b>     | Search for FM frequencies in 100 kHz increments between 76.0 MHz~108.0 MHz.  |

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

- Select **<Yes>** to start the auto preset setting of the selected region and select **<No>** to change only the region.



NOTE

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




# viewing datacasts





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

- ★ ▪ **Before you start** - Transfer a desired channel post to the player using <EmoDio>. Connect the earphones, then turn on the player, and check the battery.


## VIEWING DATACASTS

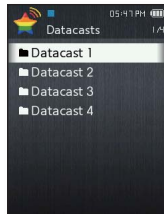
You can view channel posts added to <Datacasts>.

1. Select the  icon on the main menu screen.
2. Select a desired channel title.

-  icon : music file
-  icon : video file
-  icon : picture file
-  icon : text file

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


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



# enjoying the prime pack

## VOICE RECORDING

You can make a voice recording.

1. Select the  icon on the main menu screen.

PRIME PACK


2. Select **<Voice REC>**.

3. Tap [  ].

- The player starts recording.



NOTE

- You can also record by pressing and holding the [  ] button.



CAUTION

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



## To stop voice recording

1. Tap [  ] during the recording.

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

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

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



NOTE

- The recorded file is saved in MP3 format.
- The recorded file is stored in **<File Browser>** → **<Recorded Files>** → **<Voice>**.
- Each recording file can be as long as 8 hours.
- The player can store a maximum of 17 hours worth of recorded files. (based on 128Kbps, 1GB)
- You can store a maximum of 999 files for voice recording.



## VOICE RECORDING (Continued)

---

### To set Voice Recording Quality

---

You can select the voice recording quality.

1. Tap [ ≡ ] in voice record mode.
2. Select **<Voice REC Quality>**.
3. Select a desired recording quality.
  - Select from **<Super High(128kbps)>**, **<High(96kbps)>**, **<Normal(64kbps)>**.
  - The better the quality, the bigger the file.



### To check the Recorded File

---

You can play the recorded file.

1. Tap [ ≡ ] in voice record mode.
2. Select **<Recorded Files>**.
3. Select a desired voice recording file.
  - The recorded file will start playing.



## PLAYING VIDEO GAMES

---

Your MP3 player comes with the exciting games already loaded on!

- ★ ▪ **Before you start** - Turn on the player, and check the battery.

1. Select the  icon on the main menu screen

PRIME PACK

2. Select <Games>.

3. Select a desired game.



NOTE

- Games may be added or changed without notice.
- For more information, see the help section of the appropriate game.



### Bubble Smile

---

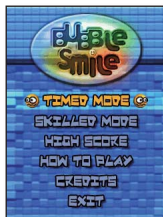
You have to gain as many scores (points) as possible by changing the order of three bubbles to fit them horizontally or diagonally.

Tap the **[Up, Down, Left, Right]** button to move the combination of three bubbles.

Tap [ ≡ ] to change the order of bubbles clockwise.

Tap [ ↶ ] to change the order of bubbles counter-clockwise.

You will gain scores only if at least three bubbles are connected together.





## PLAYING VIDEO GAMES (Continued)

---

### BOMB BOMB

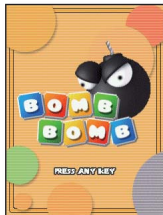
---

This is a brain game where you change the order of three blocks to match the color of the hammer-imaged block with that of stacked ones.

Tap the **[Left, Right]** button to move the blocks to the left or right.

Tap the **[Up]** button to change the position of the blocks horizontally or vertically.

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

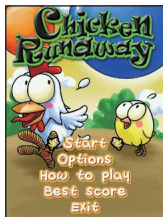


### Chicken Runaway

---

This is a game where you move the hen and the chickens chasing it to the left or right. Also, balls fall from the sky and need to be avoided to keep the hen safe as long as possible.


Tap the **[Left, Right]** button to move the hen to the left or right.

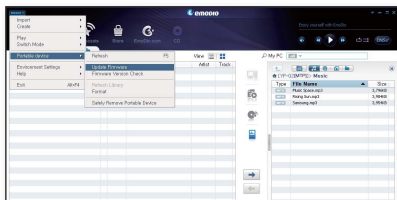


# upgrading firmware

Future upgrades may be available for this player to enhance performance and compatibility.

**1. Connect the player to your PC with the USB cable.**

- <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 the [MENU] button on the top of the <EmoDio> program.**

**3. Select [Portable Device] → [Update Firmware].**

- If there is a firmware update available, you can update the firmware.

**4. Click the [OK] button.**

- Updated firmware software is transferred to the player.

**5. After disconnecting the USB cable, the player will be turned off automatically.**

**6. Press and hold the [  ] button.**

- The firmware will be upgraded.



- Check the battery charge status of the player. If the battery is not sufficiently charged, the firmware will not be upgraded.
- You need to have at least 100MB of free space on the player for the upgrade.

# 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 at 1-800-SAMSUNG (1-800-726-7864).

| PROBLEM                             | SOLUTION  |
|-------------------------------------|---|
| <b>Power will not turn on.</b>      | <ul style="list-style-type: none"><li>• Power will not turn on if the battery is completely drained. Recharge the battery and turn the power on again.</li><li>• Press the Reset hole.</li></ul>  |
| <b>Buttons do not work.</b>         | <ul style="list-style-type: none"><li>• Check if the HOLD function is set to lock all button operations.</li><li>• Ensure that you press the right button and icon before trying.</li><li>• Press the Reset hole.</li></ul>   |
| <b>The screen will not turn on.</b> | <ul style="list-style-type: none"><li>• The screen may not be visible under direct sunlight.</li><li>• When <b>&lt;Display Off Time&gt;</b> is selected from <b>&lt;Settings&gt;</b> → <b>&lt;Display&gt;</b>, the screen display can be turned off. Tap any button and see if it turns on.</li></ul>   |
| <b>Power is turning off.</b>        | <ul style="list-style-type: none"><li>• The power is automatically turned off when the battery is completely drained. Recharge the battery.</li><li>• If <b>&lt;Auto Power Off&gt;</b> is selected from <b>&lt;Settings&gt;</b> → <b>&lt;System&gt;</b>, the Power will be turned off when the player is in Pause mode. Turn on the Player.</li></ul> |

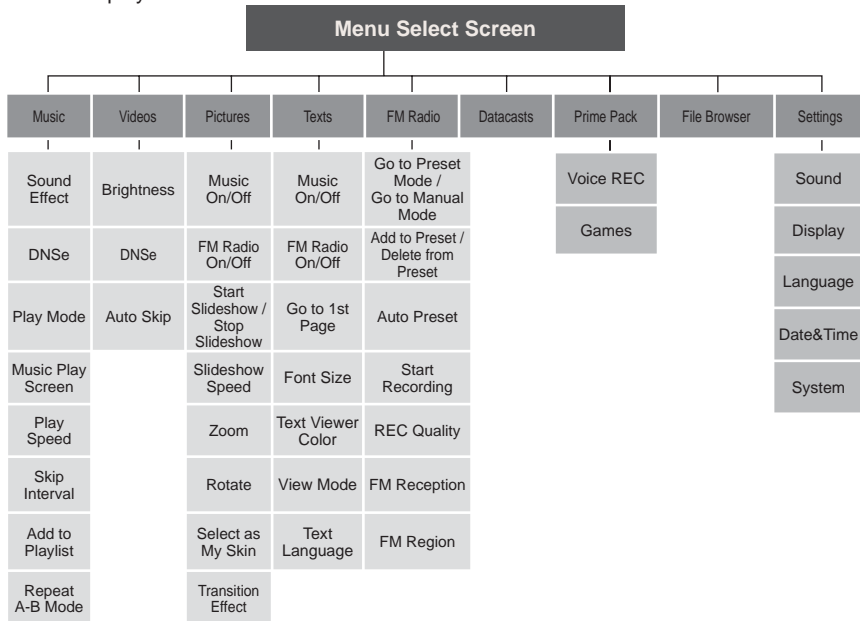
| <b>PROBLEM</b>   | <b>SOLUTION</b>  |
|--|--|
| <b>Battery life differs from what is stated in the manual.</b> | <ul style="list-style-type: none"> <li>• The battery life can vary depending on the sound mode and display settings.</li> <li>• Battery life may be shortened when the player is left for extended periods in low or high temperatures.</li> </ul> |
| <b>EmoDio Program Malfunction</b>                              | <ul style="list-style-type: none"> <li>• Check if your PC meets the basic system requirements.</li> </ul>  |
| <b>Connection to your PC is disabled.</b>                      | <ul style="list-style-type: none"> <li>• Check if the USB cable is correctly connected and try again.</li> <li>• Run Windows Update on your PC. Select Key Updates and Service Packs, then update all. Reboot your PC and reconnect.</li> </ul>    |
| <b>The file transfer rate is too slow.</b>                     | <ul style="list-style-type: none"> <li>• If you are running multiple programs including &lt;EmoDio&gt; on your PC, the file transfer rate will be slow. Exit unnecessary programs and try transferring again.</li> </ul>                           |
| <b>Player isn't playing.</b>                                   | <ul style="list-style-type: none"> <li>• Check if the available file has been saved in the memory.</li> <li>• Check if the music file is damaged.</li> <li>• Check if there is enough battery power.</li> </ul>                                    |
| <b>File upload doesn't work.</b>                               | <ul style="list-style-type: none"> <li>• Check if the USB cable is securely connected. Reconnect if necessary.</li> <li>• Check if the memory is full.</li> <li>• Press the Reset hole.</li> </ul>   |

| PROBLEM                                   | SOLUTION  |
|---|---|
| Files or data are missing.                | <ul style="list-style-type: none"> <li>• 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. Samsung is not responsible for data loss.</li> </ul> |
| Abnormal play time display during play.   | <ul style="list-style-type: none"> <li>• Check if the file is in Variable Bit Rate (VBR) format.</li> </ul>   |
| Abnormal display of file name.            | <ul style="list-style-type: none"> <li>• Go to &lt;Settings&gt; → &lt;Language&gt; → &lt;Contents&gt; in the Main Menu screen and set an appropriate language and update the library manually.</li> </ul>   |
| The product is hot.                       | <ul style="list-style-type: none"> <li>• Heat may be generated during recharging. This has no effect on the product life or functions.</li> </ul>   |
| A message appears while watching a video. | <ul style="list-style-type: none"> <li>• Try to download the video clip through EmoDio again.</li> </ul>  |

# appendix

## MENU TREE

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



## PRODUCT SPECIFICATIONS

|  |   |
|--|---|
| <b>Model Name</b>                        | YP-Q2   |
| <b>Rating</b>                            | DC 5.0V/ 500mA  |
| <b>Built-in Battery Power</b>            | 580 mAh/ DC 3.7V  |
| <b>File Compatibility</b>                | AUDIO : MPEG1 Layer3 (32kbps ~ 320kbps, 32kHz ~ 48kHz),<br>MPEG2 Layer3 (8kbps ~ 160kbps, 16kHz ~ 24kHz),<br>MPEG2.5 Layer3 (8kbps ~ 160kps, 8kHz ~ 12kHz),<br>WMA(8kbps ~ 320kbps, 8kHz ~ 48kHz)<br>Ogg(Q0~Q10), FLAC(Free Lossless Audio Codec)<br>VIDEO : SVI(Video : MPEG4,<br>Audio : MP3(44.1kHz, 128kbps)),<br>WMV(WMV9 Simple Profile,<br>Max bitrate : 860kbps, WMA Audio Spec),<br>Resolution : 320X240, Frame Rate : 30fps<br>IMAGE : JPEG(Baseline) under 5MB |
| <b>Supported Number of Folders/Files</b> | Folder : Max. 1000 / File: Max. 6000 (Including Folder)   |
| <b>Earphone Output</b>                   | 20mW/Ch. (based on 16Ω)   |
| <b>Output Frequency Range</b>            | 40Hz~20kHz  |
| <b>Signal to Noise Ratio</b>             | 90 dB (With 20kHz filter)   |
| <b>Play Time</b>                         | Music : Max. 50 hours (MP3 128kbps, Volume: 15, Normal Sound Mode , LCD Off)<br>Video : Max. 4 hours (Brightness: 5, Volume: 15, Normal Sound Mode, LCD Off)  |
| <b>Temperature Range for Operation</b>   | 23~95°F (-5~35°C)   |

|                           |                          |               |                        |            |
|---------------------------|--------------------------|---------------|------------------------|------------|
| <b>Case</b>               | Plastic                  |               |                        |            |
| <b>Weight</b>             | 2.05 oz                  |               |                        |            |
| <b>Dimensions (WxHxD)</b> | 1.93" X 3.98" X 0.39"    |               |                        |            |
| <b>FM Radio</b>           | FM Frequency             | 87.5~108.0MHz | FM T.H.D               | 1%         |
|                           | FM Signal to Noise Ratio | 55 dB         | FM Useable Sensitivity | 38dB $\mu$ |

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



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header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a “work that uses the Library” with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer’s own use and reverse engineering for debugging such modifications.

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable “work that uses the Library”, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It

is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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