

SAMSUNG



For Your Safety

Read this manual carefully to ensure proper use of the player and to avoid any danger or physical damage.



WARNING

Failing to heed the player instructions may cause serious injury.

Product Use

Improper use can result in explosion, fire or electric shock.



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



Do not get the player wet or drop it in water.
If the player gets wet, do not switch it on. Contact a Service Center.



Do not place the player in damp, dusty or sooty areas, as it could result in fire or electric shock.



Do not leave the player in areas above 35°C(95°F) (such as a sauna or inside a parked car).

During hot weather, the temperature inside a car may rise up to 80°C(176°F).

To avoid your hearing damage

Avoid using your player at high volume levels, as it may result in permanent hearing damage.



If you experience ringing in your ears while using the earphone, remove the earphone immediately and lower the volume.

To avoid a risk of traffic accident

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, in particular, on a crosswalk, can lead to a serious accident.

Take care not to tangle the earphone cable around your arms or neighboring objects while driving, working out or walking, as it could result in a car accident or other injuries.



CAUTION

Failure to follow all instructions lead to physical injuries or damage to the player.

Product Use

Management of Important Data



Be sure to back up important data.

Please be aware that we claim no responsibility for damage from data loss due to breakdown, repair or other causes.

Avoid malfunction



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 player.

Avoid malfunction



Always use the accessories provided by or approved by Samsung.



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



Do not place the player near magnetic objects, as it may cause a malfunction.

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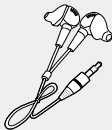
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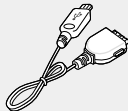
Checking the Accessories



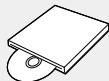
Player



Earphones
AH59-01748A



USB Cable
AH39-00899A

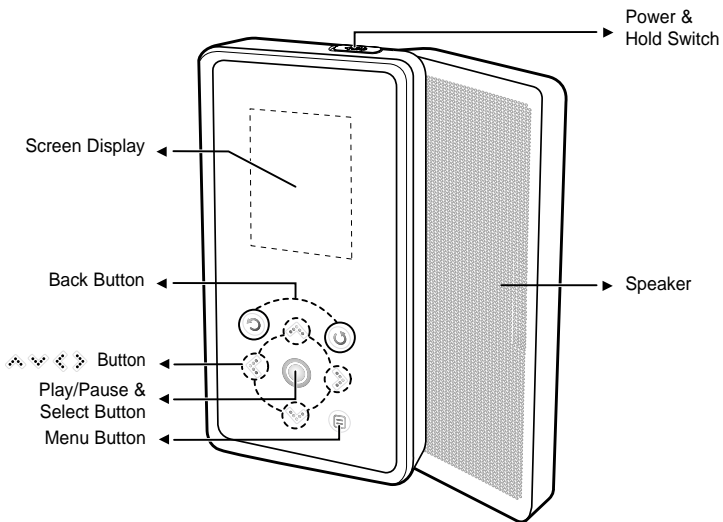


Installation CD
AH80-00137A

- Design of accessories is subject to change for the purpose of improvement, without notice.

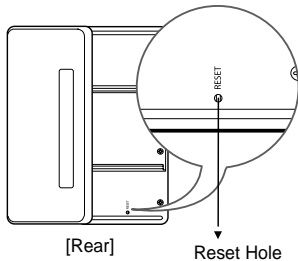
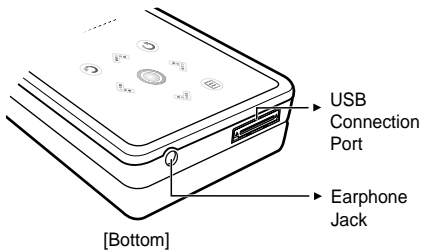
Front, Right Side and Top

All buttons are 'Light-touch' buttons.



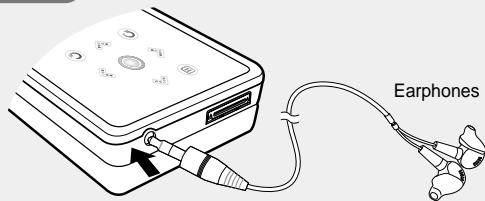
Components (Continued)

Bottom/Rear



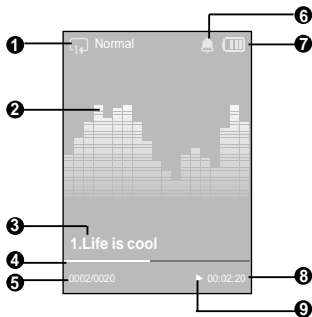
Earphone Connection

► Bottom



Screen Display Information

Music







- | | |
|---|--------------------------|
| 1 Repeat Play Display | 6 Alarm Display |
| 2 Equalizer | 7 Battery Status Display |
| 3 Music Information | 8 Play Time Indicator |
| 4 Play Status Bar | 9 Play/Pause Display |
| 5 Current Music Number/
Total Number Display | |



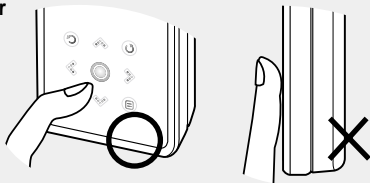
NOTE

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

Button Functions

Buttons	Functions and Use
	<ul style="list-style-type: none"> ■ Slide and hold the button in the opposite direction of the arrow to turn the power on/off. ■ Slide and release it in the arrow direction to lock the buttons.
	<ul style="list-style-type: none"> ■ Long tap to move to the main menu. ■ Short tap to move to the previous screen.
	<ul style="list-style-type: none"> ■ Moving up, down, left and right and Function Selection. <ul style="list-style-type: none"> ▲ ▼ Tap to move up or down by one selection. ◀ ▶ Tap to move left or right by one selection. ▲ ▼ Press and hold to move up or down continuously. ⏵ Short tap to select the play/pause and function, move to the next screen. ■ Search for a track and control volume while listening to music. <ul style="list-style-type: none"> ◀ Press and hold to scan to a point on the current track. Tap to move to the previous track or to play the current track from the start. ▶ Press and hold to scan to a point on the current track. Tap and release to move to the next track. ▲ ▼ Tap to reduce/increase the volume.
	<ul style="list-style-type: none"> ■ Tap to display the option menu.

*** Tap on touch screen with your fingertip.**

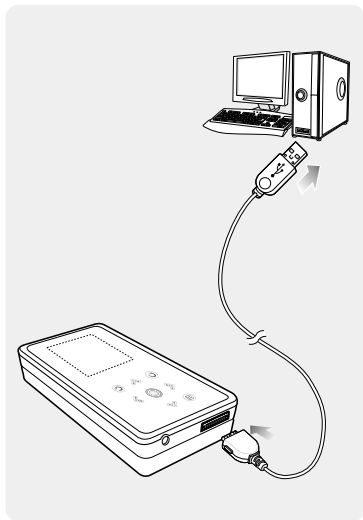


!
CAUTION

- Do not use any sharp object other than your fingers to operate the touch screen. Otherwise, touch screen may be damaged.
- Do not tap on the touch screen if your fingers are not clean.

Charging the battery

Fully charge the rechargeable battery before using the player for the first time or when it has not been used for a while.



1 Connect the USB cable to the USB port () on your PC.

2 Connect the other end of the USB cable to the USB Connection Port on the bottom of the player.

- When connected with the USB cable, it takes about 4 hours for the player to fully charge although this may vary depending on your PC environment.

Battery Use

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

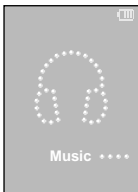


NOTE

- If you are charging the player while it is connected to your Notebook, make sure the Notebook's battery is also fully charged.

Basic Use

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.

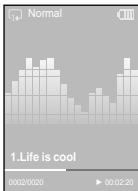
- Power is turned off.



NOTE

- Power is automatically turned off when none of the buttons have been tapped for a preset period of time (Default: 1 minute) in the pause mode. ▶ Page 44

Playing Music



1 Press and hold [⏪] to move to the main menu.

2 Tap [◀ ▶] to select <Music> and then tap [⏵].

- The Music Menu will appear.

3 Use [▲ ▼] and [⏵] to select a music file of your choice.

4 Tap [⏵].

- The music file will begin playing.



NOTE

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

Basic Use (Continued)

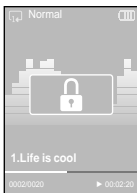
Volume Control



Tap [🔊 🔊].

- You will see a volume control icon.
- Tap [🔊] to increase the volume or [🔊] to decrease it.

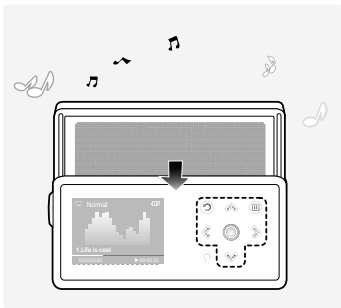
Lock Function



In Hold mode, all buttons are disabled. This function is useful when you are walking or jogging.

- 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.

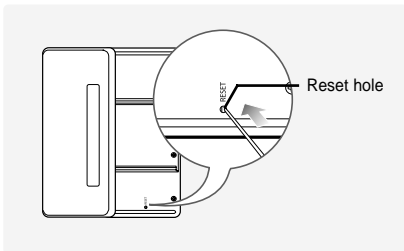
Using the Speaker



Slide the middle of the player in the arrow direction while listening to music or the radio.

- You can listen to music through the speaker.
- If you want to use the earphone for enjoying the music, close the speaker by sliding back to the original position.
- Please position the player horizontally when using the speaker.
- If you close the slide panel, the speaker will shut off.

Reset Function



If a player malfunction occurs, you can re-initialize the system by pressing the Reset hole.

Press the Reset hole at the rear of the player with a pointed object such as a safety clip.

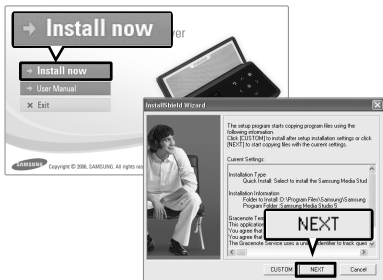
- The system will be initialized.
- Your settings and files will not be affected.

Installing Samsung Media Studio

Use Media Studio to transfer music files from your PC to the player.


Before you start!

Insert the installation CD provided with the player into the CD-ROM drive.



1 Click <Install now>.

2 Click <NEXT>.

- Media Studio installation starts.
- An icon  is created on the desktop after installation is complete and Media Studio starts.



The K5 gives you freedom!

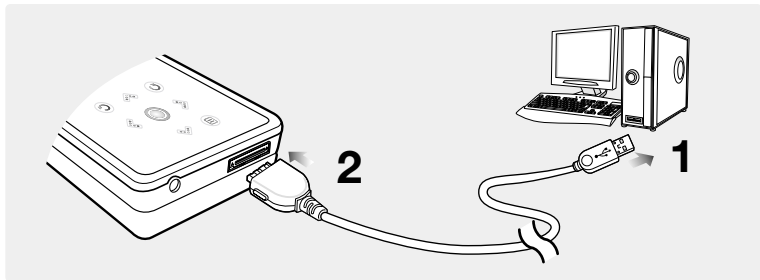
- Fill up your K5 now, free!
- Get Unlimited Downloads
- Choose from over 2 Million Songs
- Manage your existing MP3 Library with any of these great music services


Choose a service and get your first 30 days on us.

Connecting to your PC

Before you start!

Use the USB Cable provided when connecting the player to your PC.



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

PC Requirements

The PC system must meet the following minimum specifications:

- Pentium 300MHz or higher
- DirectX 9.0 or higher
- 100MB of free hard disc space
- Windows Media Player 10.0 or higher
- Windows XP Service Pack 2 or higher
- USB Port 2.0
- CD Rom Drive (2X or higher)
- Resolution 1024 X 768 or higher

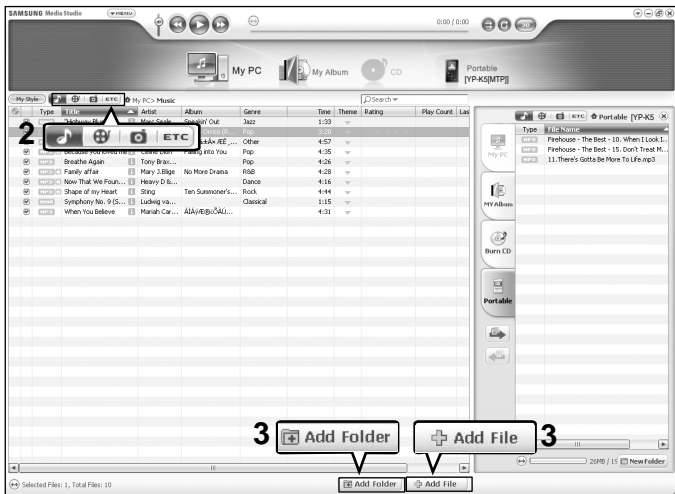


CAUTION

- If you connect the player through a USB hub, the connection may be unstable. Please connect the player to your PC directly.

Adding Files/Folders in Samsung Media Studio

Media Studio enables you to select and organize files and folders in preparation for transfer to your player.



Please refer to Help for more information on how to use Media Studio.

- Click <MENU> → <Help> → <Help> from the menu at the top of the Media Studio program.




Before you start!

- Connect the player to your PC.
- Media Studio must be installed on your PC.

1 Media Studio will automatically start when the player is connected to your PC.

- If the program does not start automatically, double Click the Media Studio icon on the desktop.

2 Click the desired file icon.

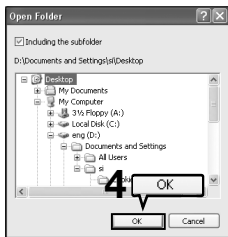
- Choose the file type you want to transfer by clicking on one of these icons.
 -  represents a music file and  represents a photo.
- Click  icon to display etc list. The ETC list includes file types (ex: TXT, XOV, etc) other than music and photo files.

To add folders**3 Click <Add Folder> on the bottom of Media Studio.**

- The Open Folder window will appear.

4 Select the folder to add and click <OK>.

- The selected folder is added to the list on the left side the Media Studio Screen.

**To add files****3 Click <Add File> on the bottom of Media Studio.**

- The Open window will appear.

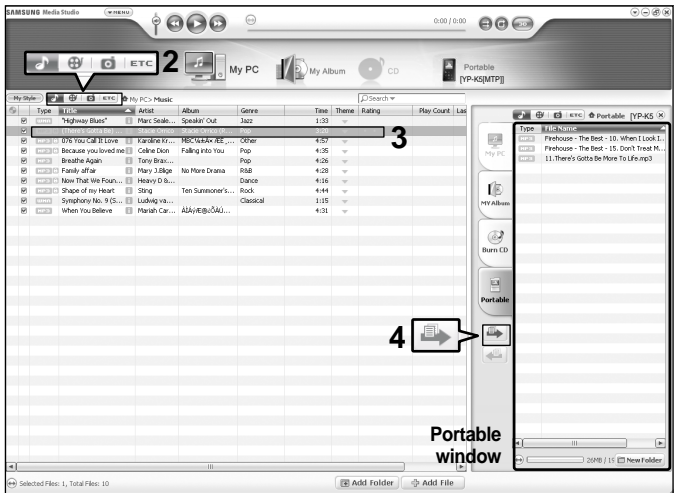
4 Select the files to add and click <Open>.

- The selected files are added to the list.



Transferring Files to the Player with Samsung Media Studio

Perform the following steps to transfer files from your PC to the player.



NOTE

- 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.




Before you start!

- Connect the player to your PC.
- Media Studio must be installed on your PC.

1 Media Studio will automatically start when the player is connected to your PC.

- If the program does not start automatically, double click the Media Studio icon on the desktop.

2 Click the desired file icon.

- Choose the file type you want to transfer by clicking on one of these icons.
 represents a music file and  represents a photo.
- Click  icon to display etc list. The ETC list includes file types (ex: TXT, XOV, etc) other than music and photo files.

3 Select the file to transfer in the left file list.

4 Click icon.

- The Selected file is transferred to the player.



CAUTION

- Do not disconnect the USB cable during file transfer. This may cause damage to the player or your PC.



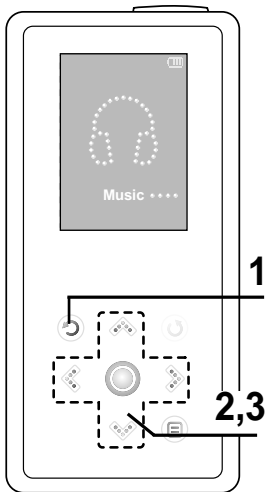
NOTE

- When transferring a photo file to the player using <Media Studio>, it is automatically converted into JPG format before transfer. The file size is automatically adjusted, too.
- A photo file that is transferred to the player without using <Media Studio> can look different from the source on the screen of the player.

Listening to Music

Before you start!

Connect the earphones, then switch on the player, and check the battery.



E.g. Playing by Artist

1 Press and hold [⏪] to move to the main menu.

2 Tap [⏪] to select <Music> and then tap [⏻].

- The Music Menu will appear.

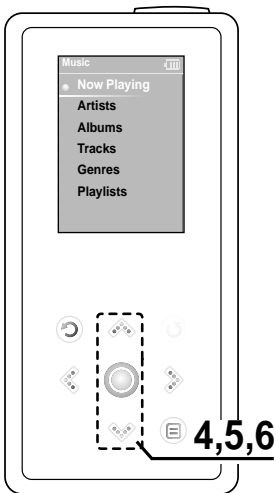
3 Tap [⏴ ⏵] to select <Artists> and then tap [⏻].

Music Menu

- <Now Playing> : You can see information on the current song.
- <Artists> : To play by artist
- <Albums> : To play by album
- <Tracks> : To play in numeric or alphabetical order
- <Genres> : To play by genre
- <Playlists> : To play by Playlist


NOTE

- The music files compatible with the player are MP3 and WMA .
- MP1 or MP2 files which only have a changed extension to MP3, may not play on the player.
- A file without an ID3 Tag is displayed as [Unknown].
- Files with an ID3 tag will automatically be organized on the player by Artists, albums etc. An ID3 tag is a hidden part of each music file and is used to categorize.



- 4** Tap [] to select an artist, then tap [].
 - The albums for the artist will appear.
- 5** Tap [] to select an album, then tap [].
 - The music files for the selected album will appear.
- 6** Tap [] to select a music file to play, then tap [].
 - The music will start playing.

Listening to Music (Continued)

To Pause

- 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.



NOTE

- The screen Display window automatically turns off when none of the buttons have been tapped for a preset period of time (Default: 1 minute) in the pause mode.
You can set the time duration before closing the screen display. ►page 44
-

To search within a track

- 1 Press and hold [⏮] 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.

To Play from the beginning of the current track

Tap [⏮] after 3 seconds of play.

- The current track starts playing from the beginning.

To play the previous/next track

Tap [⏮] within 3 seconds of play.

- The previous track will start playing.

Tap [⏭].

- The next track will start playing.

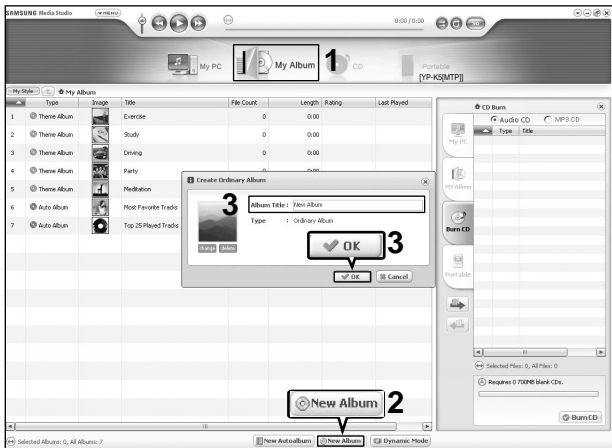


CAUTION

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

Creating a Playlist Using Samsung Media Studio

A playlist is a list of your favorite songs.



1 Click <My Album> on the top of Media Studio.

- The <My Album> window appears.

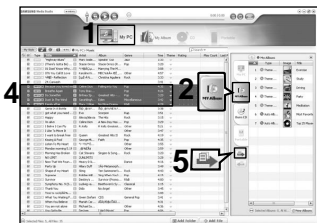
2 Click <New Album> on the bottom.


- The Creation window appears.

3 Type in the album title and click <OK>.

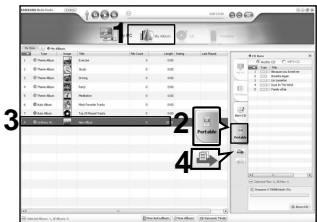
- A new album (playlist) will be created and stored in the My Album section of Media Studio.


Adding Music files to a Playlist



- 1** Click <My PC> on the top of Media Studio.
 - The <My PC> window appears. Click on <To Album> to the right.
- 2** Click <My Album> in the right corner of the window.
 - The Album window appears.
- 3** Double click on a desired album in the right window.
- 4** Select files that you want to transfer in the <My PC> window.
- 5** Click  icon.
 - The selected files will be added to the album (playlist).

Exporting a Playlist to your Player Using Media Studio

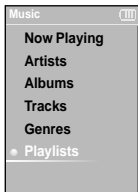


- 1** Click <My Album> on the top of Media Studio.
 - The <My Album> window appears.
- 2** Click <Portable> in the right corner of the window.
 - The <Portable> window appears.
- 3** Select a desired album in the <My Album> list.
- 4** Click  icon.
 - The selected album will be transferred to the player and stored in <Navigation> → <Playlists>.

To Play a Playlist

Before you start!

For more information, see pages 26–27 to see how to create and transfer playlists to your player.

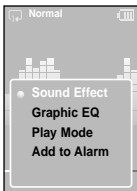


- 1 Press and hold [⏏] to move to the main menu.**
- 2 Tap [⏪] to select <Music> and then tap [⏏].**
 - The Music Menu will appear.
- 3 Tap [⏴ ⏵] to select <Playlists> and then tap [⏏].**
 - The Playlist(s) will appear.
 - If there is no playlist found, you will see a message of <No File> on the screen.
- 4 Tap [⏴ ⏵] to select the playlist of your choice, then tap [⏏].**
 - The music files saved in the selected Playlist will appear.
- 5 Tap [⏴ ⏵] to select a music file to play, then tap [⏏].**
 - The music file will start playing.

Using the Music Option Menu

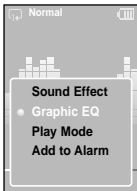
To select the sound effect

Different sound effects can be selected that enable you to enhance the music you are listening to.



- 1** Tap [] while listening to music.
 - The music option menu appears.
- 2** Tap [] to select <Sound Effect> and then tap [].
 - The sound effect menu appears.
- 3** Tap [] to select the desired sound effect and then tap [].
 - You can select either <Normal> <Vocal> <Bass Boost> <3D Sound> or <Concert Hall>.

To select the graphic EQ display



- 1** Tap [] while listening to music.
 - The music option menu appears.
- 2** Tap [] to select <Graphic EQ> and then tap [].
 - The graphic equalizer menu appears.
- 3** Tap [] to select <On> or <Off> and then tap [].
 - <On>: The graphic equalizer will be displayed on the screen.
 - <Off>: The graphic equalizer will not be displayed on the screen.

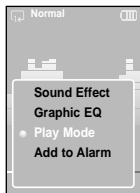



- The EQ cannot be adjusted.

NOTE

Using the Music Option Menu (Continued)

To select the play mode



1 Tap [] while listening to music.

- The music option menu appears.

2 Tap [] to select <Play Mode> and then tap [].

- The play mode menu appears.

3 Tap [] to select the desired mode and then tap [].

- You can select either <Normal> <Repeat One> <Repeat> or <Shuffle>.

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

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 40 to set the alarm.



1 Tap [] while listening to music.

- The music option menu appears.

2 Tap [] to select <Add to Alarm> and then tap [].

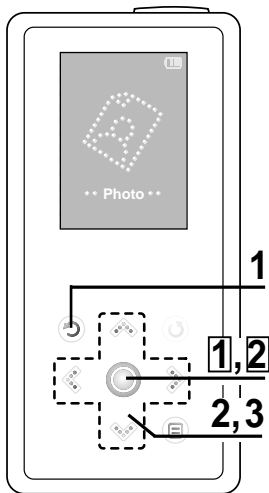
3 Tap [] to select <Yes> and then tap [].


- The selected music will be added to the alarm sound list.
You can add only one music file at a time to the alarm sound list.

Photo Viewing

Before you start!

See pages 20-21 to transfer Photo files to your player.


NOTE

- You will see thumbnail photos if the appropriate information is included in the file.
For a file with no information, you will see  instead.

- Press and hold [⏪] to move to the main menu.
- Tap [< >] to select <Photo> and then tap [⏪].
 - The Photo list will appear.
- Tap [⏪ ⏩ < >] to select the photo file of your choice, then tap [⏪].
 - The selected file will appear.
 - Large photos may take longer to display.

Slideshow Viewing

You can view your picture files in order as a Slide show.

- Tap [⏪] in Photo Viewing mode.
 - The slideshow will start.
- Tap [⏪] to stop the slideshow.

To view the previous / next photo



- Tap [< >].
- You can see the previous or next photo on the display.

Using the Photo Option Menu

To listen to music while viewing your photo




You can listen to the song that you last played while viewing your photo.



- 1 Tap [] while viewing a photo.
 - The photo option menu appears.
- 2 Tap [] to select <Background Music On> or <Background Music Off>.
 - <Background Music On> : You can listen to the song that you last played while viewing your photo.
 - <Background Music Off> : No background music is played while viewing a photo.

To add a photo to the screen saver list



- 1 Select a photo file that you want to add to the screen saver list.
- 2 Tap [] while viewing a photo.
 - The photo option menu appears.
- 3 Tap [] to select <Add to Screen Saver> and then tap [].
 - The selected photo file is added to the list.



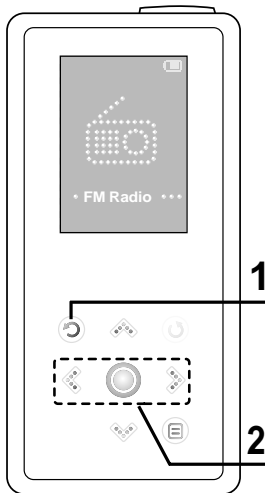
NOTE


- Select <Photo> from <Settings> → <Display> → <Screen Saver> and the selected photo is displayed on the screen as a screen saver. ► page 43
- If you reset the player, the screen saver will be initialized to <Analog Clock>.

Listening to FM Radio

Before you start!

Connect the earphones, then switch on the player, and check the battery.




1 Press and hold [] to move to the main menu.

2 Tap [ < > ] to select <FM Radio> and then tap [].

- FM radio reception will start.

1 To use Mute function

Tap [] while listening to the FM radio.

- Sound is muted.
- Tap [] once again to hear sound.




- Always connect your earphones to the player when searching or setting frequencies. The earphones are used as antennas to receive FM radio reception.

Listening to FM Radio (Continued)

To switch to Manual Tuning mode

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



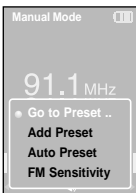
1 Tap [] in <Preset Mode>.


2 Tap [] to select <Go to Manual Mode> and then tap [].

- You will see <Manual Mode> on the screen.

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 Tap [] to select <Go to Preset Mode> and then tap [].

- You will see <Preset Mode> on the screen.

3 Tap [] to select the preset frequency.

- Once <Preset Mode> appears on the screen, you can select a radio frequency and listen to it.



NOTE

- If no preset frequencies are set, you will see <Preset list does not exist> and the player will not switch to <Preset Mode>.
- If you select (Preset List) on the FM option menu, you will see the preset frequencies.
- For more information on the preset setup, refer to pages 36–37.

To automatically search for frequencies



Press and hold [< >] in <Manual Mode>.

- The broadcast station frequency nearest from the point the button is released will be searched.

To manually search for frequencies



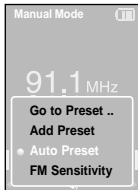
Tap [< >] in <Manual Mode>.

- Moves to next frequency whenever the button is tapped.

Setting FM Presets

You can set up to 30 presets in FM Radio mode.

To automatically set Presets



- 1** Tap [] in FM Radio mode.
- 2** Tap [] to select <Auto Preset> and then tap [].
 - You will see the Auto Preset window on the screen.
- 3** Tap [] to select <Yes> and then tap [].
 - Up to 30 presets are automatically saved.

To cancel during setting

Tap [] to cancel during auto scanning.

- The auto preset setting is canceled and frequencies set up to then are stored.



NOTE

- Using <Auto Preset> deletes all previous presets.

To manually set Presets



1 In <Manual Mode>, Tap [< >] to select the desired frequency.

2 Tap [[]].

3 Tap [+] to select <Add Preset> and then tap [[]].

- The selected frequency will be added to the preset list. A maximum of 30 preset numbers are added to the list in sequential order.

4 To set a preset number for other frequencies, follow 1-3 steps above.



NOTE

- If a frequency that you try to add already exists in the list, you will see <This preset already exists.> and the selected frequency is not added to the preset list.

To search for presets in Preset mode



Tap [< >] in <Preset Mode>.

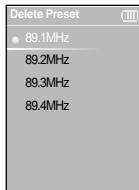
- The preset number is selected and you can listen to the stored radio frequency.










NOTE

- If you want to check the preset list in <Preset Mode>, Tap [[]] to select <Preset List> and Tap [[]].

To Delete Presets



- 1** Tap [] in <Preset Mode>.
- 2** Tap [] to select <Delete Preset> and then tap [].
 - The preset frequencies will appear.
- 3** Tap [] to select the preset frequency you want to delete and then tap [].
 - The confirmation window will appear.
- 4** Tap [] to select <Yes> and then tap [].
 - The selected preset will be deleted.
- 5** To select and delete other preset numbers, follow 1-4 steps above.

Setting FM Radio

To set FM Sensitivity



- 1 Tap [] in FM Radio mode.
- 2 Tap [] to select <FM Sensitivity> and then tap [].
 - The FM Sensitivity menu appears.
- 3 Tap [] to select the sensitivity and then tap [].
 - You can select from <High>, <Middle> and <Low>.
 - The higher FM sensitivity is, the more frequencies that can be received.


Setting Alarm

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

Before you start!

First, you should set the clock for the current time. ► page 43



1 Press and hold [] to move to the main menu.

2 Tap [] to select <Alarm> and then tap [].

3 Tap [] to select <New Alarm Set> and then tap [].



- The Alarm Settings menu appears.

4 Tap [] to select a frequency and then tap [].



- Select either <Once>, <Off>, <Saturday~Sunday>, <Monday~Saturday>, <Monday~Friday>, or <Everyday>.

5 Tap [] to select <AM> or <PM> and then tap [].

6 Tap [] to set the hour and then tap [].

7 Tap [] to set the minute and then tap [].

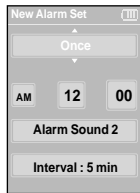
8 Tap [] to select an alarm sound and then tap [].

9 Tap [] to select an interval and then tap [].

- The Confirmation window will appear.

10 Tap [] to select <Yes> and then tap [].

- The alarm setting is added to the alarm list.



- You can set up to 6 alarm settings.

NOTE

To edit the alarm setting



- 1 Press and hold [⏪] to move to the main menu.
- 2 Tap [⏪] to select <Alarm> and then tap [⏪].
- 3 Tap [⏮] to select the alarm setting to edit in the alarm list and then tap [⏪].
- 4 Use the [⏮] and [⏪] to edit the setting.

To delete the alarm setting

- 1 Tap [⏮] to select the alarm setting to delete in the alarm list and then tap [⏪].
 - The Delete window will appear.
- 2 Tap [⏪].
 - The Confirmation window will appear.
- 3 Tap [⏪] to select <Yes> and then tap [⏪].
 - The selected alarm setting will be deleted.



NOTE

- The player will sound the alarm when it reaches the scheduled time. Then, tap [⏮] and use the [⏪] to select <Alarm after 3 min> or <Alarm Off>. To end the alarm, press and hold [⏪] button. You will return to the main menu.



CAUTION

- If the USB cable is connected to the player, the alarm function does not work.

Setting Display

You can adjust the screen saver and the turn-off time for the screen display.



- 1** Press and hold [⌘] to move to the main menu.
- 2** Tap [⏪] to select <Settings> and then tap [Ⓞ].
 - The Settings menu appears.
- 3** Tap [⏴] to select <Display> and then tap [Ⓞ].
 - The Display menu appears.
- 4** Use the [⏴] and [Ⓞ] to set the desired functions.



Button Operation

NOTE

- Tap [⏴] to move up or down in the list.
- Tap [Ⓞ] to select and confirm your settings.
- Tap [⌘] to return to the previous screen.

- **<Screen Saver>**: You can set an image to use as a screen saver. Select either <Analog Clock>, <Animation1>, <Animation2> <Animation3>, and <Photo> and set the wait time. <Photo> is a photo you designated as a screen saver in <Add to Screen Saver>. ▶ page 32
You can select from <15sec>, <30sec>, <1min>, <3min>, <5min>, and <Off>. If no button is tapped within the time set shown above, the player will display the screen saver image.
- **<Display Off>** : If no button is tapped within the time set shown below, the display screen will automatically turn off. Select either <15sec>, <30sec>, <1min>, <3min>, <5min>, and <Always On>. With the display turned off, tap any button to turn back on the display and the buttons.

Screen Saver Setting



- 1 Tap [] to select <Screen Saver> and then tap [].
 - The screen saver menu appears.
- 2 Tap [] to select the desired screen saver image and then tap [].
- 3 Tap [] to select a wait time and then tap [].
 - The Confirmation window will appear.
- 4 Tap [] to select <Yes> and then tap [].
 - The screen saver setting is complete.



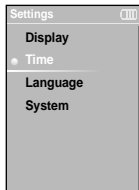
NOTE

If you set the <Screen Saver> to <15sec>, and then the <Display Off> to <15sec>.

The set screen saver will appear in 15 seconds if no button is tapped. With the screen saver open, the display will turn off in 15 seconds if no button is tapped.

Setting Time

You can not only set the current Date/time set but also Sleep Timer and Auto Power Off.



1 Press and hold [⌘] to move to the main menu.

2 Tap [⏪] to select <Settings> and then tap [Ⓞ].

- The Settings menu appears.

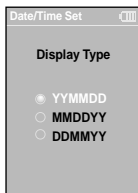
3 Tap [⏴] to select <Time> and then tap [Ⓞ].

- The Time menu appears.

4 Use the [⏴] and [Ⓞ] to set the desired functions.

- **<Sleep Timer>** : Turns off power automatically after the preset time. Select either <Off>, <15 min >, <30 min>, <60 min>, <90 min>, or <120 min>.
- **<Auto Power Off>** : Automatically turns power off when there is no button operation after the preset time in the pause mode. Select either <15 sec>, <30 sec>, <1 min>, <3 min>, or <5 min>.
- **<Date/Time Set>** : You can set the current date and time. ▶ Page 45

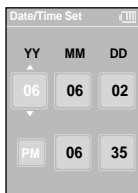
Date/Time Set



- 1 Tap [] to select <Date/Time set> and then tap [].
 - The date format menu appears.

- 2 Tap [] to set the date format and then tap [].

- 3 Tap [] to move to <YY(year), MM(month), DD(day), AM/PM, Hour, Minute> and use the [] to set the date and time.

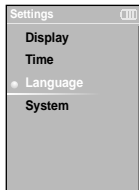


- 4 Tap [].
 - The confirmation window will appear.

- 5 Tap [] to select <Yes> and then tap [].
 - The date/time setting will be saved.

Setting Language

You can set the language for the menu.



1 Press and hold [⌘] to move to the main menu.

2 Tap [⏪] to select <Settings> and then tap [⏩].

- The Settings menu appears.

3 Tap [⏴] to select <Language> and then tap [⏩].

4 Use the [⏴] and [⏩] to select the language for the menu.

- Select from <English>, <한국어>, <Français>, <Deutsch>, <Italiano>, <日本語>, <简体中文>, <繁體中文>, <Español>, <Русский>, <Magyar>, <Nederlands>, <Polski>, <Português>, and <Svenska>.



NOTE

- The supported languages can be changed or added.

Setting the System

You can set various functions of the player.



- 1 Press and hold [⏏] to move to the main menu.
- 2 Tap [⏪ ⏩] to select <Settings> and then tap [⏏].

- The Settings menu appears.

- 3 Tap [⏴ ⏵] to select <System> and then tap [⏏].

- The System menu appears.

- 4 Use the [⏴ ⏵] and [⏏] to set the desired functions

- **<Resume>**: You can set the start point where the player resumes playback after you stop playing the music. Selecting <On> will resume playback from the last stopped point while <Off> will resume playback from the beginning of the last played file.
- **<Beep>**: Enables button sounds. Select either <Off> or <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 up to 20. The maximum volume level when Volume Limit is set to <Off> is 30.
- **<FM Region>**: You can select your regional area for FM radio. Select from <Other Countries>, <Korea/USA> and <Japan>.



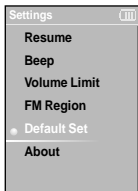
NOTE

- Frequency range by region
 - Other Countries: Search for FM frequencies in 50 kHz increments between 87.50 MHz~108.00 MHz.
 - Korea/USA: 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.
- FM region can be deleted or changed according to the target region of the player.
- If you change the FM region, the previously stored radio frequencies are deleted.

Setting the System (Continued)

- **<Default Set>** : Returns all settings to the default value.
- **<About>**: You can check the firmware version, memory capacity and track number.
 - Firmware Version : Displays the current firmware version.
 - Memory : Indicates the remaining memory capacity. <Used> indicates the usage, <Remaining> indicates the remaining capacity and <Total> indicates the total memory capacity.
 - Files : <Music> indicates the number of music files, <Photo> for the number of photos, and <Total> for the number of entire files.

Default Set



1 Tap [⏏] to select **<Default Set>** and then tap [⏏].

- The Confirmation window will appear.

2 Tap [⏏] to select **<Yes>** and then tap [⏏].

- **<Yes>** : Initializes all settings to default.
- **<No>** : Cancels default settings.



NOTE

- If you reset the player, all functions you set are initialized to the default(factory) settings.

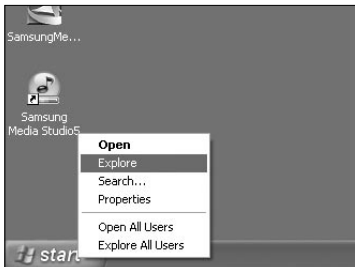
■ Regarding the Built-In Memory

The actual built-in memory available is slightly less than indicated as the internal firmware uses a portion of the memory.

To Upgrade Firmware

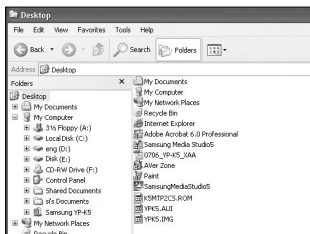
Future upgrades may be available for this player to enhance performance and compatibility.

- 1** Connect to <http://www.samsung.com>, select [SUPPORT] → [DOWNLOAD CENTER] and then select your player.
- 2** When the player page appears, select [Firmware] below the model name to download the latest firmware.
- 3** Uncompress the downloaded file onto your Desktop.
 - The uncompressed files will be displayed.
- 4** Connect the player to your PC with the USB cable.
- 5** Right click on the Start button on the bottom left of your PC's screen, then choose Explore to Open Windows Explorer on your PC.
 - [Samsung YP-K5] is displayed in Windows Explorer.

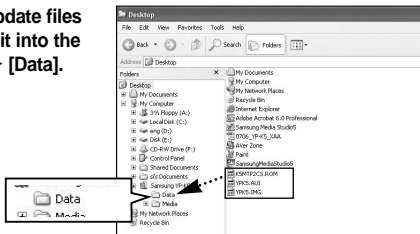


To Upgrade Firmware (Continued)

- 6** Locate and click on the Desktop icon in Windows Explorer (left column).
The contents of the Desktop will appear in the right column.



- 7** Locate and select the Firmware update files (right column) and drag-and-drop it into the Data folder of [Samsung YP-K5] → [Data].



- 8** After disconnecting USB Cable, the player will be turned off automatically.
- 9** Push and hold the [◀ HOLD] switch in the opposite direction of the arrow.

- The firmware will be upgraded.
- When upgrading is complete, the player will be turned off automatically.



NOTE

- Check the battery charge status of the player. If the battery is not sufficiently charged, the firmware will not be upgraded.

Troubleshooting

If a malfunction is experienced, check the following.
If the problem persists, contact 1-800-SAMSUNG for assistance.

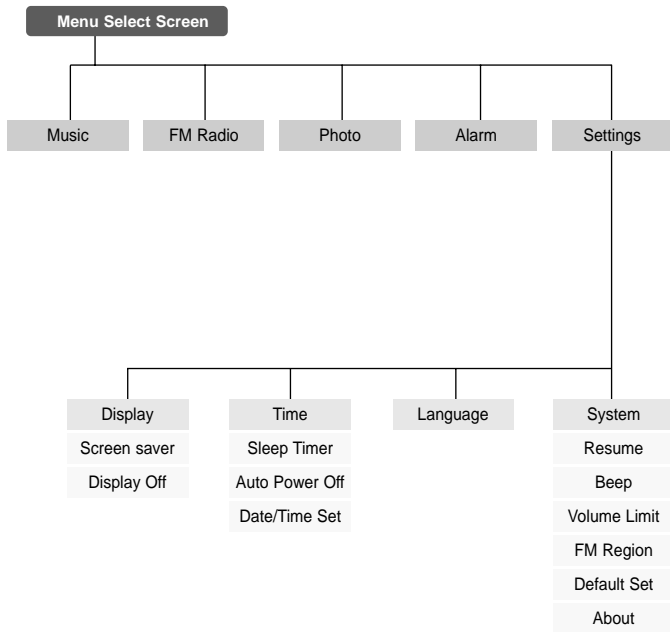
Problem	Check points & Troubleshooting
Power will not turn on.	<ul style="list-style-type: none">■ Power will not turn on if the battery is fully discharged. Recharge the battery and turn the power on again.■ Press the Reset hole.
Buttons do not work.	<ul style="list-style-type: none">■ Check if the [HOLD] switch is in the direction of the arrow position.■ Check if you tapped the right button, then tap again. ▶ Page 11■ Press the Reset hole.
The screen will not turn on.	<ul style="list-style-type: none">■ If <Display Off> is selected from <Settings> → <Display> the LCD will be turned off. Tap any button to turn on the LCD or check the Display settings. ▶page 43■ The screen may not be visible under direct sunlight.
Power is turning off.	<ul style="list-style-type: none">■ Check the battery status.■ The power is automatically turned off when the battery is fully discharged. Recharge the battery.
Battery life differs from the Manual.	<ul style="list-style-type: none">■ The battery time can vary, depending on the sound mode and display setting.■ The battery life may be shortened when left for extended periods in low or high temperatures.
Program Malfunction	Please check if your PC requirements are met.
Connection to your PC is disabled.	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.

Troubleshooting (Continued)

Problem	Check points & Troubleshooting
Playing is disabled.	<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 is disabled.	<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.	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 player. You have to be extra cautious as Samsung cannot be not held responsible for data loss.
Abnormal Play Time Display during Play.	Check if the file is in VBR (Variable Bit Rate) format.
The player is hot.	Heat may be generated during recharging. This has no effect on the player life or functions.

Menu Tree

You can quickly view the menu structure.



Product Specifications

Model Name		YP-K5
Power		3.7V (Li-Polymer Rechargeable)
Built-in Battery Power		830 mAh
File	Compatibility	Music : MPEG1/2/2.5 Layer3(8kbps~320kbps, 22kHz~48kHz) WMA(48kbps~192kbps, 22kHz~48kHz) Image : JPEG(ISO/IEC 10918-1/Annex F-Sequential DCT-based mode of operation)
Earphone Output		20mW(16Ω)
Output Frequency Range		20Hz~20KHz
Noise Ratio		90 dB with 20kHz LPF(based on 1KHz 0 dB)
Play Time		Music 30 hrs (based on MP3 128kbps, volume level 15 and normal mode)
Temperature Range for Operation		-5~35 °C (23~95°F)
Case		Magnesium, Stainless
Weight		3.74 oz (106g)
Dimension (WxHxD)		1.87 X 3.86 X 0.7 inches (47.5 X 98 X 18.1 mm)
FM Frequency		87.5~108.0MHz
FM Signal to Noise Ratio		50dB
FM T.H.D		1%
FM Useable Sensitivity		38dBμ
Speaker	Power Output	0.7W/Ch x 2Ch
	Impedance	8Ω
	Frequency Range	400 Hz ~ 20 KHz

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

License

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Safety Information

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.

FCC

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

Compliance

This product conforms to the following Council Directive:

- ◆ Directive 89/336/EEC, 92/31/EEC(EMC)

Declaration of Conformity

Name: Samsung Electronics Co., Ltd
Address: 416, Maetan-3Dong, Yeongtong-Gu, Suwon City, Kyungki-Do, Korea 442-742
declares under its sole responsibility that the product
Trade Name: Samsung Electronics Co., Ltd
Model Number: YP-K5
has been tested according to the FCC/CISPR22/95 requirements for Class B devices and found compliant with the following standards

EMI/EMC: FCC Part 15 Subpart B

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 undesirable operation.

Party Responsible for Product Compliance

Samsung Electronics America
QA Lab.
3351 Michelson Dr. Suite #290
Irvine, CA92612

Warranty

Samsung warrants this product as free of defects in material, design and workmanship for a period of twelve(12) months from the original date of purchase.

If during the period of warranty this product proves defective under normal use and service, you should return the product to the retailer from whom it was originally purchased. The liability of Samsung and its appointed maintenance company is limited to the cost of repair and/or replacement of the unit under warranty. Return of the product for defective reasons should be to the original purchaser; however, Samsung Authorized Dealers and Authorized Service Centers will comply with the warranty on the terms issued to purchasers in the country concerned. For further information relating to the Authorized Service Centers contact; 1-800-SAMSUNG (1-800-726-7864) www.samsung.com

WARRANTY CONDITIONS:

- 1.The warranty is only valid when the warranty card is properly completed, and upon presentation of the proof of purchase consisting of original invoice or sales slip confirmation, indicating the date of purchase, dealer's name, model, serial No. and product number. Samsung reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the product from the dealer.
- 2.Samsung's obligations are to the repair of the defective part, and at its discretion, replacement of the product (service exchange unit).
- 3.Warranty repairs must be carried out by an Authorized Samsung Dealer/Service Center. No reimbursement will be made for repairs carried out by non Samsung Centers, and warranty coverage will not be valid for any repairs or damage caused by such repairs.
- 4.Repair or replacement under the terms of this warranty does not give right to extension to or a new starting of the period of warranty. Repair or direct replacement under the terms of this warranty may be fulfilled with functionally equivalent service exchange units.

5. The warranty is not applicable in cases other than defects in material, design and workmanship. The warranty does not cover the following:

- ◆ Periodic checks, maintenance, repair and replacement of parts due to normal wear and tear.
- ◆ Abuse or misuse, including but not solely limited to the failure to use this product for its normal purpose or in accordance with Samsung's instructions usage and maintenance.
- ◆ Use of the product in conjunction with accessories not approved by Samsung for use with this product.
- ◆ Failure of the product arising from incorrect installation or use not consistent with technical or safety standards in current force, or failure to comply with product manual instructions.
- ◆ Accidents, Acts of God or any cause beyond the control of Samsung caused by lightning, water, fire, public disturbances and improper ventilation.

◆ Unauthorized modifications carried out for the product to comply with local or national technical standards in countries for which the Samsung product was not originally designed.

◆ Repairs performed by non-authorized service centers such as opening of the product by a non-authorized person.

◆ The model, serial No. and product number on the product has been altered, deleted, removed or made illegible.

6. This warranty does not affect the consumer's statutory rights nor the consumers rights against the dealer from their purchase/sales agreement.

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