AH68-01614B(Rev 0.0)

YP-53

SAMSUNG

DIGITAL AUDIO PLAYER

yepp ™

- MP3, WMA, ASF Playback
- Removable Storage Device
- USB 2.0 Support
- Direct MP3 Recording

- FM Reception
- 3D Sound
- Upgradable
- 20 Hours of Continuous Play

Contents

| Preparations

| Connection to Computer

| Basic Usage

| Additional Usage

| Appendix

| Customer Support

Read and understand all the instructions to avoid injury to yourself and damage to the equipment.

Do not expose to extreme temperatures (above 95°F or below 23°F). Do not expose to moisture.	Do not subject the unit to severe impact, or place heavy objects on it.	Do not let any foreign matter spill into the device.
Be careful not to subject the player to excessive pressure when wearing it round your neck.	Do not expose to chemicals such as benzene and thinners.	Remove batteries when the device is left unused for a long period of time.
Do not expose to direct sunlight or heat sources.	Do not store in dusty areas.	Do not try to disassemble and repair the device yourself.

| Cautions for Use

Follow Traffic Safety Instructions
● Do not use the earphones while driving an automobile or riding a bicycle.
   It's not only dangerous, but also against the law.
● It may cause an accident if you turn up the volume of the earphones while walking down the street,
   especially crossing at intersections.

Protect your ears
● Do not turn up the volume too high. Doctors warn against prolonged exposure to high volume.
● Stop using the device or turn the volume down if you have ringing in your ears.

| Ambient operating conditions

● Ambient temperature : 5°C ~ 35°C (41°F ~ 95°F)
   Humidity : 10 ~ 75%

| Environmental Information

● Follow local guidelines for waste disposal when discarding packages, batteries,
   and old electronic appliances.
● Your player is packaged with cardboard, polyethylene etc., and do not use any unnecessary materials.

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

MP3, WMA, ASF Playback
● MP3 is an MPEG1 Layer3 audio format.
● WMA is a Microsoft Windows Media audio format.
● What is ASF? ASF is a file format used in Windows Media player and consists of
  various kinds of content. The player can also play back audio ASF.

Removable Storage Device
● You can easily copy and paste files to the player using Windows Explorer.

USB 2.0 Support
● Maximum data speed transfer of 18Mbps.

Voice Recording Function
● You can make high quality voice recordings.

3D Sound
● The 3D surround feature adds spaciousness to the sound.

Direct MP3 Recording
● You can convert music from CDs, cassettes, and radio into MP3 files without a PC.

FM Reception
● Listening to an FM program is made easy with Auto Search and Frequency
  Memory functions.

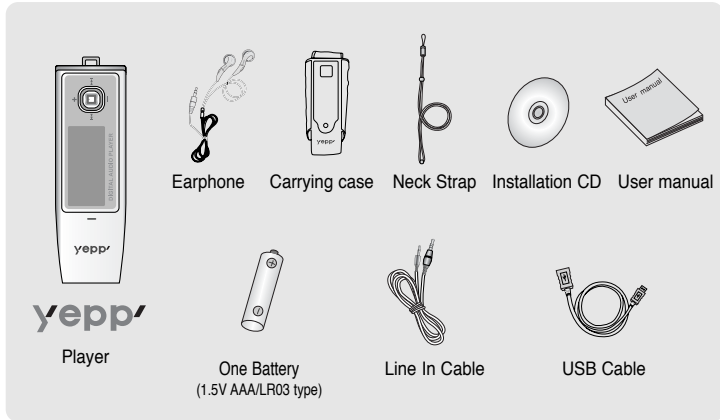## Upgradable
● You can upgrade the built-in programs when available.
  Add functions, CODEC, etc. Please check the home page
  (http://www.samsung.com) for upgrades.

20 Hours of Continuous Play
● This player uses one AAA/LR03 alkaline battery. Operation can last up to
  20hours. Actual playing time may vary according to the type and capacity of the
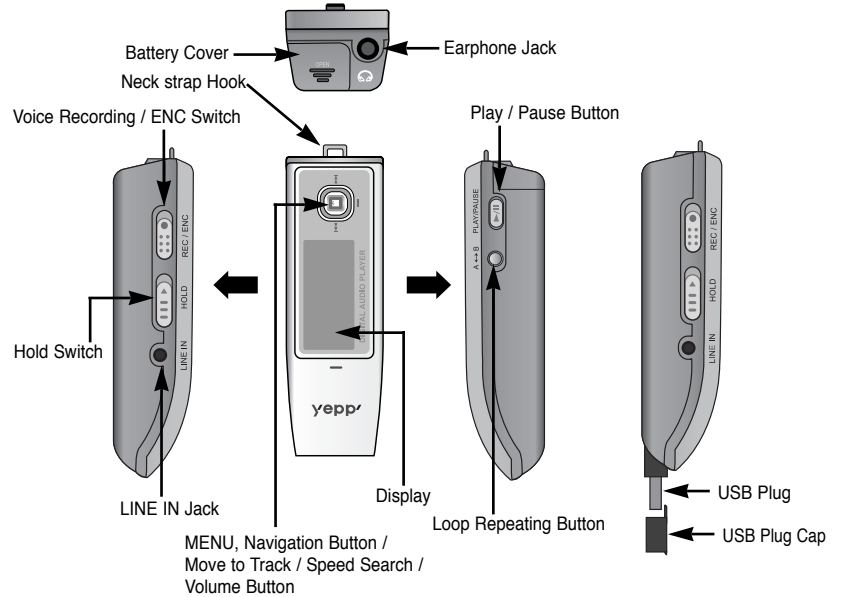 battery.

Earphone   Carrying case   Neck Strap   Installation CD   User manual

yepp'

Player

One Battery
(1.5V AAA/LR03 type)

Line In Cable

USB Cable

Model	YP-53 H	YP-53 V	YP-53 X	YP-53 Z
Built-in memory	128MB	256MB	512MB	1GB

● The capacity of the useable built-in memory is less than indicated as the internal firmware uses a part of the memory as well.
● Design of accessories is subject to change, for the purposes of improvement, without notice.

Battery Cover

Earphone Jack

Neck strap Hook

Voice Recording / ENC Switch

Play / Pause Button

Hold Switch

LINE IN Jack

Display

USB Plug

USB Plug Cap

MENU, Navigation Button /
Move to Track / Speed Search /
Volume Button

Loop Repeating Button

| Display

Equalizer, SRS indicator

Play mode indicator

Hold indicator

Play/Stop/Pause indicator →

Remaining Battery Power indicator

Artist indicator

Track indicator

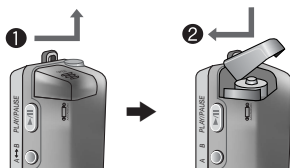Bitrates indicator

Track Number indicator

Playtime indicator

| Inserting a Battery

1 Slide the cover in the direction of the arrow to open.

2 Insert a battery to the right poles + , – and push-close the cover in the direction the arrow as indicated.

Note
- Do not place heavy objects on the cover.

► System Requirements.

The PC system must meet the following specifications:
● Pentium 133MHz or greater
● Windows 98 SE/ME/2000/XP
● 40MB of available hard disk space
● CD-ROM drive
  (double speed or greater)
● USB port (2.0) supported
● DirectX 8.0 or greater

Note
- Install the operating system in Administrator Account mode for Windows 2000 or XP. Otherwise, installation will not be completed.
- Windows ME, 2000 and XP can recognize the driver without installing the provided program. However, you must install the program in order to format yepp and upgrade firmware.
- If the YP-53 program has not been installed in Windows 98, then it will not communicate with your removable disk. You must install the USB driver file first.
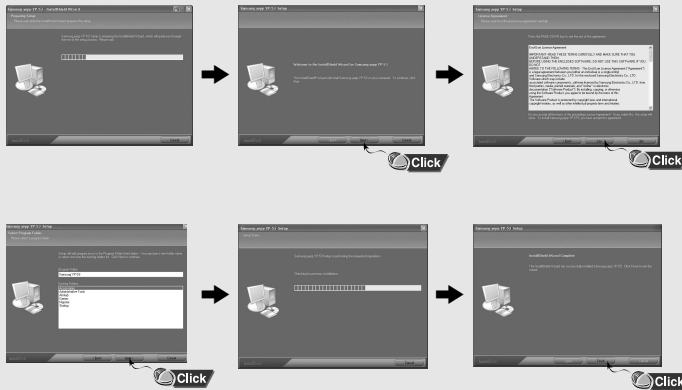
Before connecting yepp to PC, make sure to install USB driver. If **"Add New Hardware Wizard"** appears, press the **[Cancel]** button and install the USB driver.

| Installing software

1 Insert the Installation CD into the CD-ROM drive.
Select **[Install yepp USB Driver].**

2 Complete the installation by following the instructions in the order as they appear in the windows.

## | **Connecting the player to PC with USB cable**

1 Connect a USB cable to the USB port on the computer.

2 Connect the USB plug of the player to the opposite side of USB cable.
You can directly connect the USB plug to the USB port of PC.
● If you disconnect the USB cable from your PC while implementing a command or initializing during USB driver installation, your PC may not function correctly.

3 The USB driver is installed with a message saying that it is searching for a new device. You may not see the display screen during installation.
Go to the device manager to check that installation has been successfully completed.

4 When the USB driver is installed, "Samsung yepp YP-53 USB Device" will appear in the [Device Manager].

USB connect cable
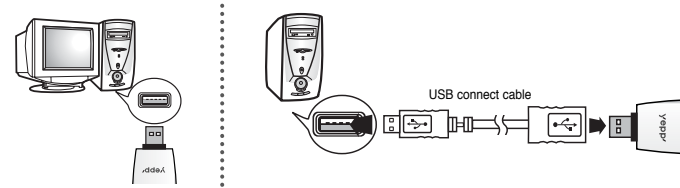
How to check USB driver

Windows 98:
Control Panel → System → Device Manager → Disk Drives → Samsung yepp YP-53
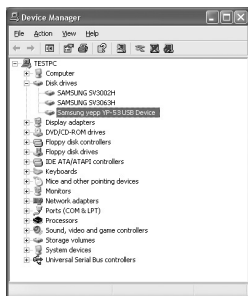
Windows 2000:
**Control Panel → System → Hardware → Device Manager → Disk Drives →
Samsung yepp YP-53 USB Device**

Windows XP:
**Control Panel → System → Hardware → Device Manager → Universal Serial Bus controllers →
Disk Drives → Samsung yepp YP-53 USB Device**

5 When the USB driver is not installed automatically, refer to the next page.

Go to "Downloading/Uploading files" if the USB driver is in place.
Follow these steps if the USB driver is not in place :

| Installing software

1 Check the device manager.

Windows 98,ME:
Control Panel → System → Device Manager
Windows 2000:
**Control Panel → System → Hardware →
Device Manager**
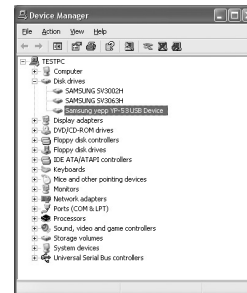Windows XP:
**Control Panel → System → Hardware →
Device Manager**

2 Check if there is a device listed with an exclamation point or a question mark
(displayed as unknown device or USB device).

*3* Double click on the device listed with an exclamation point or a question mark.

📌 Note

- If you are using Windows 2000 and your version of Windows does not recognize the USB driver
please download and install the latest service pack from windowsupdate.microsoft.com

- The installation method may vary depending on the type of PC or operating system.
Contact your PC dealer or service center for installation information.

- If an error continues to occur in the USB driver installation, restart your PC and connect the USB
cable again.

4 After selecting the driver, click on **[Update Driver]**.
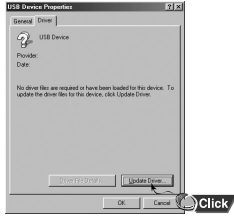
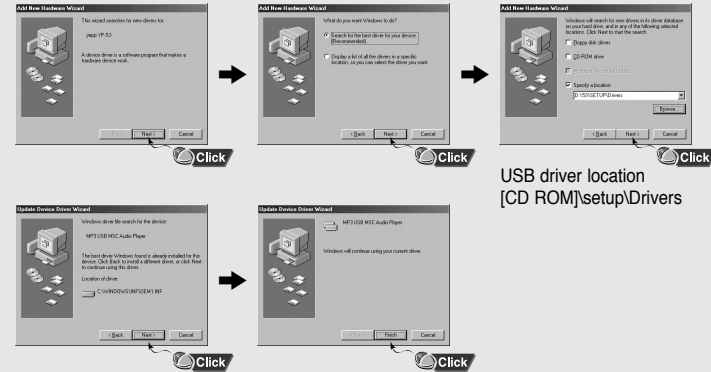*5* Select a compatible driver, click on **[Next]** to finish.

| **In Windows 98**

Click **[Next]** button in the series of windows that appear.

USB driver location
[CD ROM]\setup\Drivers

: To complete the installation, make sure to restart your PC.

Note
- You cannot use it as a removable disk in Windows 98 if the YP-53 program is not installed. Make
  sure to install the USB driver file first.

Downloading/Uploading files

1 Connect the player to your PC.

2 Open Windows Explorer on PC.
● Removable Disk is displayed in Windows Explorer.

3 Select the file you want to save, then drag and drop it to the removable disk.
The saved files will be played in the order of file name as they appear. To change
the order, change the name of file.
● If you change the music file name to 001✱✱✱, 002✱✱✱... in the Windows Explorer, the
music files will be played in the order of number.
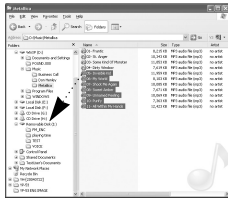
⚠ Notice

- "READING/WRITING" message will be displayed during
file download or upload file. If you disconnect the USB
cable while "READING/WRITING" is played, the main unit
may not work properly.

- The order of music files is not relative to the replay order
when you select a Removable Disk in Windows Explorer.
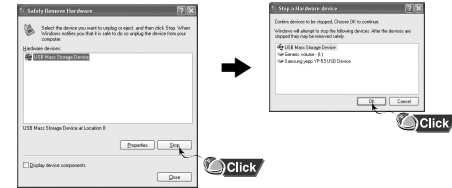
Disconnecting the USB cable

After completing the file transmission, you must disconnect the cable in the following way:

1 Double-click on the green arrow in the taskbar on the
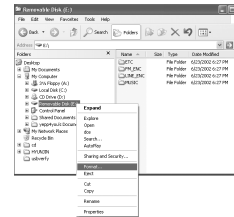bottom right of the window.

Continued...

2 Select the USB device, and
then press the **[Stop]** button.
When the **[Stop a Hardware
device]** message appears,
press the **[OK]** button and
disconnect the USB cable.

Formatting

1 Select the removable disk icon
and click the right mouse button
to select **[Format].**

⚠ Note

- By formatting, all previously preset menus will be initialized.
- Care must be taken as formatted files can not be recovered.

2 Press the **[Start]** button.
● All files saved in the player will be deleted.
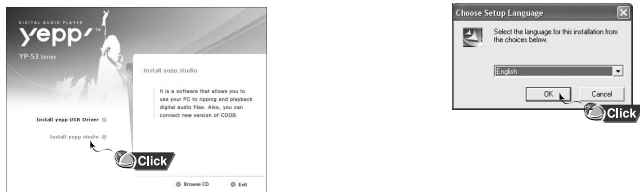● You can change the name of removable disk
by selecting **[Volume label].**

yepp Studio is the program that can convert and play back the music files in PC.

1 Insert the Installation CD into CD-ROM drive. Select **[Install yepp Studio].**

2 Select language

3 Complete the installation by following the instructions in the order as they appear in the windows.

● Please refer to Help for more information on how to use yepp Studio.
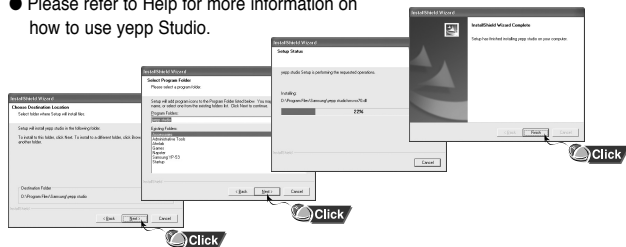
Note

- If [Register Serial Number] window appears when you install the yepp Studio for the first time, enter the Serial Number (S/N) attached on the back of the player.

Run yepp Studio and press F1.
● Help will appear.

Move the arrow to the top of yepp Studio and right click on the mouse. The following selection window will appear.
● Click on Help and the Help window will appear.
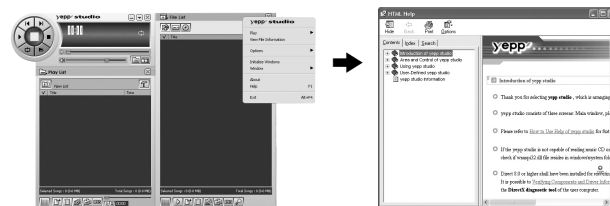
Note

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

- 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.
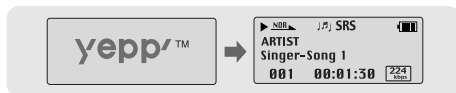
Turning Power On and Off

Power On : Press the ▶/❚❚ button to turn on the power.
Power Off : Press and hold the ▶/❚❚ button to turn off the power.

Playing Music

Press the ▶/❚❚ button.
● Playback starts.

Pausing Music

Press the ▶/❚❚ button to pause playback.

● If no buttons are pressed within 10 seconds (changes depending on settings),
the player automatically powers off.

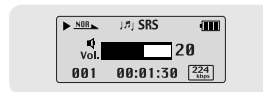● While in Pause mode, press the ▶/❚❚ button again to resume playback.

Note
- WMA files can be played only as music files with a compression rate of 48Kbps-192Kbps,
that can be created in Windows Media Player (Version 8.0).
- The power off time can be set in the menu.

Adjusting the Volume

Press the ━, ╋ during playback to adjust the
volume.

Note
- Volume ranges from 00 to 30.

HOLD Function

In Hold mode, all buttons are disabled.

Slide the switch on the player in the
direction of the arrow.

❋ When the button is pressed, the " 🔒 HOLD!" message will
appear on the display.

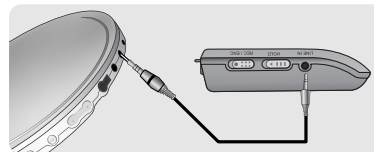*1* Slide the switch to the ENC position to begin Voice Recording.

2 To stop the recording, move the switch in the opposite direction and a new voice file will be created.

Recording Time ⟶ REC Time: 00 : 00 : 10
Remaining Time ⟶ Available: 33 : 30 : 47
V001. WAV

⟹

■ NOR. ⌂ SRS
UNKNOWN ARTIST
V001. WAV
001   00 : 00 : 02

Note
- The files are recorded in the order of V001,V002......,
  and saved as WAV file in the VOICE folder after recording.
- If the Memory is full, the Voice Recording is stopped automatically.
- Voice Recording does not work in FM Mode or when the Line In cable is connected.

1 Connect the Audio Output port on the external audio source
(or the Line Out port) to the ENC port on the device with the Line cable.

2 Slide the switch to the ENC position begin MP3 encoding.
● To pause during Encoding, press the ▶/❚❚ button. Press the ▶/❚❚ button once again to
  recommence recording.

3 Slide the switch to the REC position while recording to stop the encoding,
and a new encoding file will be created.
● Recording will take place in the order of L001, L002, L003….
  When the encoding is finished, the files will be saved as MP3 files in the LINE_ENC folder.

Note
- Bit Rates can be set within the range of 32Kbps~128Kbps.
- You can adjust the volume during encoding monitoring.

Notice
- Do not disconnect the Line cable during Encoding.
- If the battery is not charged enough, encoding will not be done.
- Adjust the volume of the external audio source to a suitable level and encode it.
  If the volume level is extremely high, the sound quality may not be good.

▶ **To search for specific parts during play**

● Pull and hold the ◄◄, ►► to the left or right during playback to search for the part you want to listen to.
● Release the key to resume play normally.

▶ **To change tracks during play**

● Pull the ►► briefly during playback to play the next track.
● Pull the ◄◄ briefly within 5 seconds after playback starts
  to move to and play the previous track. Pull the ◄◄ briefly after five seconds to play the current track from the beginning.

▶ **To change tracks when stopped**

● Pull the ◄◄, ►► to the left or right in stop mode to move to the previous/next track.

📖 **Note**
- VBR(Variable Bit Rate) file: A file that constantly changes the compression rate according to the type of sounds, such as their pitch, in the file.
- In the case of a VBR file, you cannot move to and play the previous track even if you push the ◄◄ within 5 seconds after playback starts.
- Files that were downloaded in MP2 or MP1 and had their file extension changed to MP3 may not play.

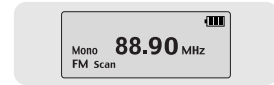First, press the [⊙] key to display the menu screen and select FM Radio.

| Manual Search for a Frequency

● Pull the ◄◄, ►► briefly to search manually for the frequency you want.

```
Mono   88.90 MHz
FM  CH..
```

| Automatic Search for a Frequency

● Pull and hold the ◄◄, ►► to search for and stop at frequencies with reception.

```
Mono   88.90 MHz
FM  Scan
```

| Manual Storage of a Frequency

● After searching manually for the frequency you want, press and hold the [⊙] key to display the Save screen.
● Use the ◄◄, ►► to select the number you want to assign to save the frequency and then press the [⊙] key.

```
Mono   88.90 MHz
FM  1  Save ?
```

| Automatic Search for a Frequency

● Press and hold the A↔B button while in FM Mode.
● Frequencies within the range of 87.50MHz to 108.00MHz are automatically selected and stored.
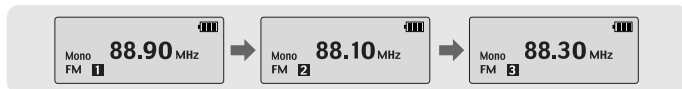● Frequencies are automatically stored, starting from 1.

```
Mono   88.90 MHz
FM  AUTO
```

📖 **Note**
- To exit from FM Mode press the [⊙] key.
- Mono (MO) or Stereo (ST) is automatically selected.

| Searching Stored Frequencies

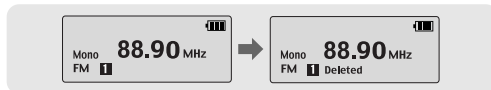*1* Press the ▶/Ⅱ button in FM Mode.
- ● PRESET screen will appear.

2 Use the ◄◄, ►► to move to the frequency you want.

Mono **88.90** MHz FM **1**	Mono **88.10** MHz FM **2**	Mono **88.30** MHz FM **3**

| Deleting Stored Frequencies

- After moving to the PRESET number you want to delete,
 press and hold the ⊚ key.
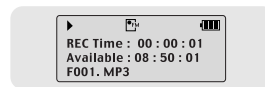
- ● The saved PRESET number will be deleted.

Mono **88.90** MHz FM **1**	Mono **88.90** MHz FM **1** Deleted

✎ Note

- You can store up to 20 frequencies.

- Press the ▶/Ⅱ button in the PRESET screen to exit the PRESET mode.

1 Slide the switch to the ENC position during FM reception.
- ● Encoding of the currently transmitted FM broadcast begins.

> ▶
> REC Time : 00 : 00 : 01
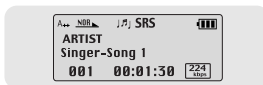> Available : 08 : 50 : 01
> F001. MP3

2 Slide the switch to REC.

- ● A file is created and the encoding stops.
- ● Files are encoded in the order F001, F002, F003...and saved as MP3 files in FM_ENC folder.

▶ **Starting Point**

While playing music files, press the **A↔B** button briefly at the beginning of the loop you want to set.

A↔ appears in the display.

```
A↔ NOR  ♪♫ SRS       ▭
ARTIST
Singer-Song 1
001   00:01:30  224
                kbps
```

▶ **Ending Point**

Press the **A↔B** button briefly again to set the end of the loop.

A↔B appears in the display.
The loop is played repeatedly.
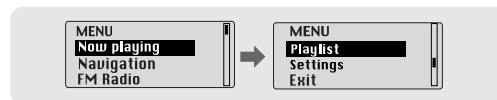
```
A↔B NOR  ♪♫ SRS      ▭
ARTIST
Singer-Song 1
001   00:01:40  224
                kbps
```

🔖 **Note**

- Press the A↔B button briefly to cancel the loop.
- Loop Repeat is automatically released if you Speed Search with the ◄◄, ►► .
- The last 10 or so seconds section of the music/voice file cannot be set with Loop Repeat.

Press the ⊚ key to switch to MENU mode.

Use the ━ ,✚ to move and press the ⊚ key briefly to select the menu you want.

Press and hold the ⊚ key to exit the MENU mode.

```
MENU                MENU
Now playing         Playlist
Navigation    ➡     Settings
FM Radio            Exit
```

● Now playing : To check the file currently played.
● Navigation : To move to Navigation Mode
● FM Radio : To listen to FM radio
● Playlist : To play back only the files you want
● Settings : To set the player functions
● Exit : To exit MENU

🔖 **Note**

- In MENU mode, no input for 30 seconds will cancel the MENU mode.

You can easily search for files or switch modes using the Navigation function.

1 Press and hold the ⊙ key to enter Navigation mode.
or press the ⊙ key to move to Menu and then select Navigation in Menu.

2 Select the file or folder that you want to play.
- ● I◀◀ : When moving to a higher-level folder.
- ● ▶▶I : When moving to a lower-level folder.
- ● ━ , ✚ : When moving to a file or folder in the same directory.
- ● ⊙ : Move to the next folder down. When there is not a lower folder,
  the selected file will be designated as part of the playlist.

*3* Press the ▶/II button.
- ● The selected file will be played.

Note
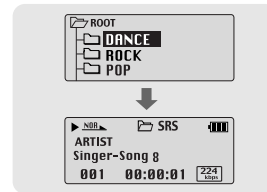- Press and hold the ⊙ key in Navigation mode to exit the Navigation mode.

I Playing/Releasing Folder

▶ Playing Folder

*1* Press and hold the ⊙ key to move to the
Navigation mode.

2 Use the ━ , ✚ to move to the folder you want
and press the ▶/II button.
- ● When " ▷ " appears, the selected file will be
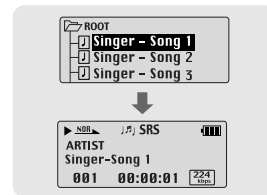played.

▶ Releasing Folder Play

1 Press and hold the ⊙ key during folder
playback to move to the Navigation mode.

2 Use the ━ , ✚ to move to the file you want and
press the ▶/II button.
- ● After folder play is released, " ♫ " mark will
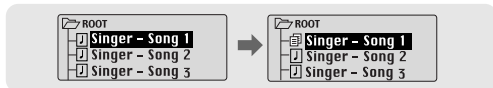appear and the selected file will be played.

| Setting Playlist

- Move to the file you want in Navigation mode and press the ⬡ key.

● The selected file will be marked.

● To release the playlist setting,
move to the marked file in Navigation mode and press the ⬡ key again.
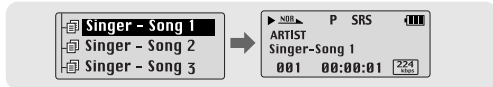

| Playing Playlist

1 Select **Playlist** in the MENU.

● The playlist you set will be displayed.

2 Move to the file you want to play and press the ▶/❚❚ button.

● " **P** " mark appears and the selected file will be played.

1 Select **Settings** in the MENU. (refer to "Setting up MENU")

2 In Settings, use the ➖,➕ to move to the function you want and press the ⬡ key to select.

● To move to a previous menu, use the ◀◀ or select Return.
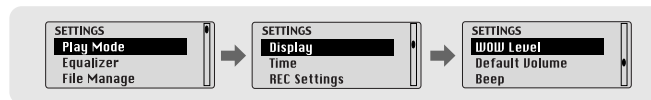
Selecting the Playmode |

1 Select **Playmode** in Settings.

2 In Playmode, use the ➖,➕ to move to the mode you want and press the ⬡ key to select.
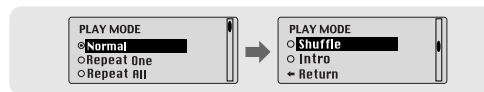
● Normal: To play all the tracks in order one time.
● Repeat one: To repeat one track.
● Repeat all: To repeat all tracks.
● Shuffle: To play tracks at random.
● Intro: To listen to the first part of all saved tracks for 10 seconds.
● Return: To move to a previous menu

1 Select **Equalizer** in Settings.

2 In Equalizer, use the ➖,➕ to move to the sound mode you want and press the 🔘 key.

- ● SRS ((•)): You will hear 3D Stereo sound.
- ● TruBass (▭): This is a bass boost feature that adds fullness to the sound.
- ● WOW: This feature allows you to enjoy the SRS and Trubass features simultaneously.
- ● If you want bass boost, select DBB.
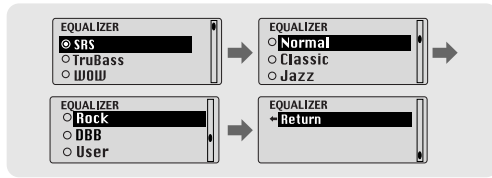
3 Select User and set the Bass/Treble if you want to set the tone yourself, apart from the specified tone.
- ● Bass/Treble can be adjusted from 0 to 10 with the ➖,➕ .

📖 Note

- ﹣ SRS(•) is a trademark of SRS Labs, Inc.
  WOW technology is incorporated under license from SRS labs, Inc..
- ﹣ Please adjust the volume to a suitable level, as the volume may increase in the SRS setting.
- ﹣ This unit supports sampling frequencies of 32KHz, 44.1KHz or 48KHz.
- ﹣ The SRS function is not set for voice recording files.

Select **File Manage** in Settings.

Deleting

1 Select **File Delete** in the File Manage.

2 Select the mode where there is a file to delete in File Delete.

3 Use the ➖,➕ to move to the file you want to delete, press the 🔘 key and select **Confirm**. Press the ◀◀ to exit the setting.

Formatting

1 Select **Format** in File Manage.

2 Select **Confirm** in Format.
- ● Formatting is performed if CONFIRM is selected.
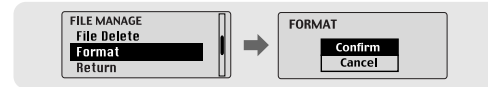
📖 Note

- ﹣ All files will be deleted when formatting the built-in memory.
- ﹣ It is recommended that formatting be carried out on a PC that has the provided program installed as formatting in the Menu may take a long time.

Select **Display** in Settings.

▶ Scroll

● Use the ▬, ✚ to set the scroll speed.
● The setting range for the scroll speed, which adjusts the speed of the track title flow, is 0 to 10.

```
SCROLL SPEED
    05
```
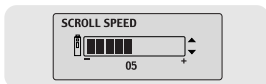
▶ Information

● **Play time:** Indicates current play time
● **Remain time:** Indicates remaining play time
● **Used size:** Indicates used memory
● **Free size:** Indicates remaining memory

```
INFORMATION
 Play time
 Remain time
 Used size

INFORMATION
 Free size
 Return
```
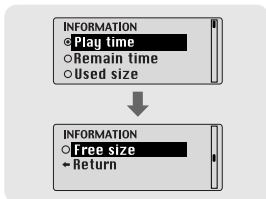
▶ Backlight

● Use the ▬, ✚ to set the LCD Light-On time.
● The setting range for Light-On Time is 0 to 9 seconds.
● When set to ALWAYS ON, the Light stays on continuously.

```
BACKLIGHT
    05
```
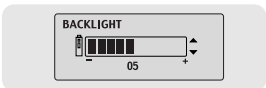
⚠ Note

- The light does not illuminate when the residual battery level is insufficient.

▶ Contrast

● Use the ▬, ✚ to set the contrast.
● The setting range for the contrast, which adjusts the brightness of the screen, is from 0 to 10.

```
CONTRAST
    05
```
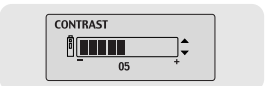
Select **Time** in Settings.

▶ Auto Off

● Use the ▬, ✚ to set the Power-Off time.
● You can set the time from 0 to 1 minute. If no key is pressed after play stops, it will automatically turn off after the time you set.
● The power will not automatically turn off if you set it to NO AUTO OFF.

```
AUTO OFF TIME
    10 SEC
```

▶ Sleep

● Use the ▬, ✚ to set the Sleep time.
● 15, 30, 60, 90 and 120 minutes are available for sleep time, and it will automatically turn off after the time you set.
● The power will not automatically turn off if you set it to NO SLEEP.

```
SLEEP TIME
    30 MIN
```
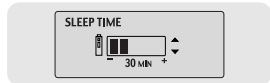
Select **REC Settings** in Settings.

▶ **Bitrate**

● Use the ━, ✚ to set the encoding bit rate you want.

● When encoding music into an MP3 file, you can select one of the following bit rates: 32Kbps, 48Kbps, 64Kbps, 96Kbps and 128Kbps.

> **BITRATE**
> 48 Kbps
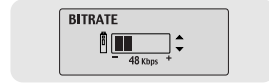
▶ **AutoSync Time**

● Use the ━, ✚ to set the AutoSync Time.

● AutoSync Time is a function for separating and saving MP3 files when there is no sound for a set time during MP3 encoding.

> **AUTOSYNC TIME**
> 2 SEC

● The setting range for the AutoSync Time is from 1 to 5 seconds.

● If AutoSync Time is set to OFF, encoding keeps going even if there is no sound, and then it is saved as one file.
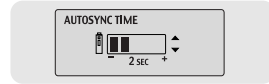
🔖 **Note**

- Auto Sync function can support from 64Kbps to 128Kbps.

Select **WOW level** in Settings.

▶ **Adjusting SRS and TruBass LEVEL**

● If you select SRS Level or TruBass Level in the WOW level menu, you can adjust the SRS and TruBass level.

● Use the ━, ✚ to select the level you want.

● The level for SRS and TruBass can each be set within the range of 0 to 10.

> **SRS LEVEL**
> 05
>
> ↓
>
> **TRUBASS LEVEL**
> 05
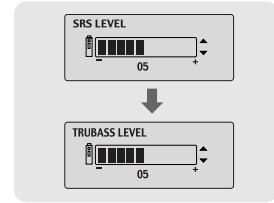
▶ **Optimization**

● If you select Optimization, it optimizes the SRS function according to the device connected.

● Use the ━, ✚ to select Speaker, Earphone, Headphone or Car Pack(car cassette adapter).

> **OPTIMIZATION**
> ⊙ **Speaker**
> ○ **Earphone**
> ○ **Headphone**
>
> ↓
>
> **OPTIMIZATION**
> ○ **Car Pack**
> ← **EXIT**

Select **Default Volume** in Settings.

▶ Default Volume

- ● Use the ━, ✚ to set the Default Volume value.
- ● It is possible to set the default volume to a value
  between 0 and 30(MAX).
  If the power is turned on again after having adjusted the
  volume above the default value, music is played at the default volume.
- ● If the power is turned on again after the volume was set to within the default value, the
  music is replayed at the previously played volume.
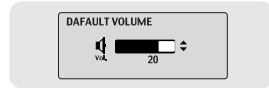
```
DAFAULT VOLUME
🔊 ▮▮▮▮▯    ↕
Vol.      20
```

| Beep

Select **Beep** in Settings.

▶ Beep

- ● Use the ━, ✚ to set the BEEP mode.
- ● **On**: A beep sounds each time a button is pressed.
- ● **Off**: No beep sounds when a button is pressed.

```
BEEP
    On      ▲
    Off     ▼
```

```
                        MENU

Now Playing | Navigation | FM Radio | Playlist | Settings | Exit
```

```
Play Mode | Equalizer | File Manage | Display | Time | REC Settings | WOW Level | Default Volume | Beep

Normal      SRS        File Delete   Scroll       Auto Off   Bitrate        SRS Level
Repeat One  TruBass    Format        Information  Sleep      AutoSync Time  TruBass Level
Repeat All  WOW                      Backlight                              Optimization
Shuffle     Normal                   Contrast
Intro       Classic
            Jazz
            Rock
            DBB
            User
```

The software doesn't work
● Refer to the system Requirements.

The player does not work and the LCD displays nothing.
● Check the battery capacity
● Check to see if the battery is inserted to the right poles (+ , −)
● After connecting it to PC, execute YP-53 Updater in the desktop to update the product.

In PLAY mode, music is not played after pressing the ▶/ⅠⅠ button
● Check to see if MP3 or WMA files are saved in the built-in memory.
● Check to see if the HOLD button is locked.

Files cannot be downloaded.
● Check to see if the driver is installed correctly in the computer.
● Check the connection between the player and PC.
● Check and/or replace the battery, turn on the play's power.
● Operating system limits the number of files you can save.
   Please save your music files by creating a subfolder.
● Check if the memory is full.

Backlight does not work.
● Check the backlight setup.
● When the battery power is low, the backlight will go out.

The buttons do not work.
● Check setting of Hold switch.
● Remove the battery once and then insert it again.

The player keeps being turned off.
● In Stop mode, the power is automatically turned off after ten seconds
   (changes depending on settings).
● Check to see if there are files saved in it.

Something's wrong with play time displayed during Play mode.
● "VBR SONG" message is displayed while VBR (Variable Bit Rate) file is playing.

LCD window is dark
● Check Contrast

There is a file saved in yepp, but "No File" appears in the screen.
● After checking whether the folder is played, use the Navigation function to change
   the folder.
● After connecting it to PC, execute YP-53 Updater in the desktop to update the product.

I cannot properly connect it to PC.
● Win98 : try to connect again after installing yepp Driver.
● WinME : remove the yepp Driver program and press the Start in the desktop to execute
   Windows Update. After selecting important update and service pack, execute update all.
● Win2000/XP : Try to connect it again after rebooting PC.

Model	YP-53
Built-in Memory capacity	128MB(YP-53 H), 256MB(YP-53 V), 512MB(YP-53 X), 1GB(YP-53 Z)
Voltage	1.5V X 1 (AAA/LR03 size alkaline battery)
Playing time	lasts up to 20hours (Alkaline battery, MP3 128Kbps, Vol level 20)
Dimensions/Weight	27 X 87 X 21 mm / 33 g (without battery)
Case	Plastic
Noise Ratio	88dB with 20KHz LPF
Earphones Jack Output Power	10mW/CH (16Ω)
Output Frequency Range	20Hz~20KHz
Operating Temperature Range	-5 ~ +35°C(23 ~ 95°F)
FM Frequency	87.50 ~ 108.00 MHz
FM Signal to Noise Ratio	60dB
FM T.H.D	0.5%
FM Useable Sensitivity	10dB
File Support	MPEG1/2/2.5 Layer3(8Kbps ~ 320Kbps, 8KHz ~ 48KHz)
	WMA, ASF (48Kbps ~ 192Kbps, 8KHz ~ 48KHz)