



Digital Audio player

Digital Audio Player

yepp

YP-30S



yepp

<http://www.samsungyepp.com>

Miniature Design
D.I.Y. Support
Backlight Support
Real time Clock
Voice Recording
High Speed USB
64MB of Built-in Memory



AH68-00945A

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Features

DIGITAL SOUND yepp'

yepp has the sound quality as good as that of music CD.

● Miniature Design

Smallest and lightest in the world

● D.I.Y. Support

Logo embellish ment
Changing LCD fonts
Adjusting Scroll Speed
Adjusting Contrast

● Backlight Support

● Real time Clock

Automatic Clock Setting

● Voice Recording

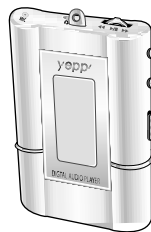
Voice Recording for 4 hours and 28 minutes in max

● High Speed USB

Fast Downloading Speed
MAX. 7Mbps(the fastest speed in the world)



Components



yepp'
Player body



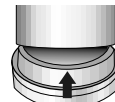
Earphones



USB cable



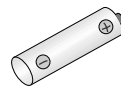
Installation CD



Pull the sponge on the bottom in the direction of arrow, and there is an installation CD.



Neck strap



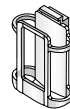
One battery
(1.5V AAA type)



User's Guide



Arm band

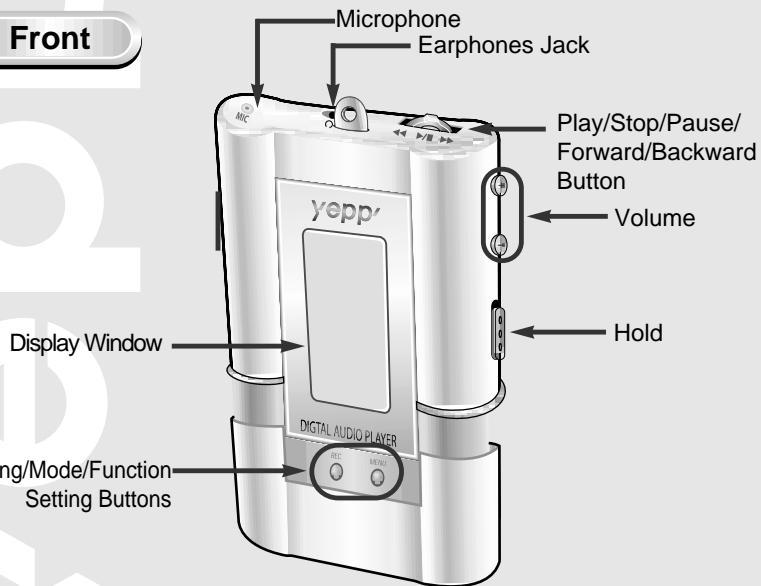


Cradle

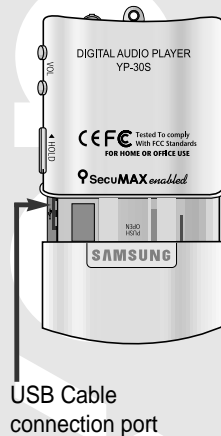
Notice : To put yepp in the cradle or to take it out from the cradle, use a coin to turn open the screw to remove the hook on the back of cradle.

The name of parts

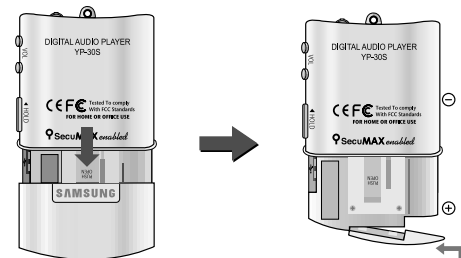
Front



Back



Inserting a battery



After sliding the cover in the direction the arrow is indicating, open the cover pressing "PUSH OPEN".

Inserting the battery to the right poles (,) and push-close the cover in the direction the arrow is indicating

Notice : It will be the cause of damage if too much weight is pressed on the cover.

Listening to music with yepp

First, insert a battery and connect the earphones to the player.

Playing music

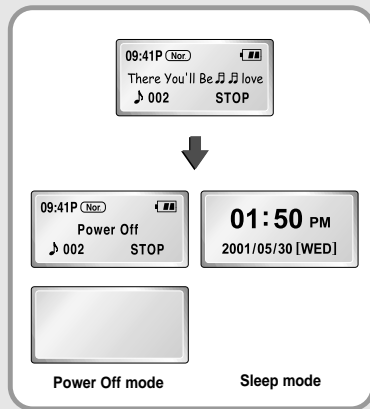
When you press ►/■ button, the yepp logo appears and a music/voice file is played.



Note : Both Power Off and Sleep modes can be set in the menu mode.

Stopping music

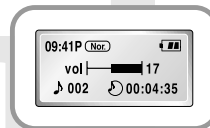
When you press ►/■ button while playing, the music stops. If any key is not entered it automatically turns into Power off or Sleep mode in 5 seconds



Setting up Volume / Hold functions


Adjusting the volume

Press the ◀/▶ button on the side to adjust the volume while playing.



Note : Volume ranges from 00 to 30.
Press short to adjust step by step.
Press long to adjust continuously.

HOLD function



Slide the  switch on the side in the direction the arrow is indicating to change to HOLD mode.



Notice : Under Hold mode, no key works.



Changing Modes

Changing to voice mode

Stop playing music and press the  button short to change to voice mode.
Press the  button to play.






Changing to music mode

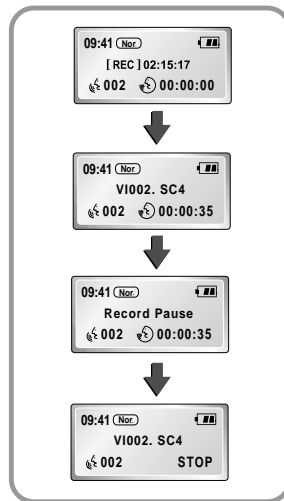
Stop playing voice and press the  button short one more time to change to music mode.
Press the  button to play.



Recording voice

To record voice

- 1 Press the  button to begin recording voice.
- 2 Press the  button to pause while recording. Press the button again to resume recording.
- 3 Press the  button to stop recording. A new Voice File is created.

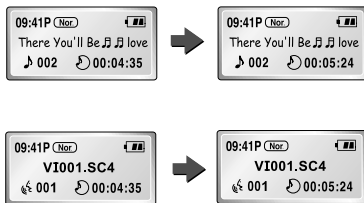


Notice : Recording is done in the order of VI001,VI002.....
When memory is full, recording stops automatically.
(The remained time is displayed on the right from the center when recording begins.)
Music mode is switched to voice mode after voice recording stop.
When recording voice, make sure to record it for longer than 5 seconds.

Searching for Music/Voice files

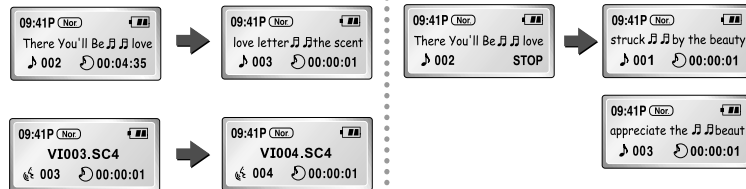
Searching for specific parts in a track (music/voice files)

Press ◀◀/▶▶ button for longer than 1 second while playing to find and listen to the part you choose. Release the button to resume playing.



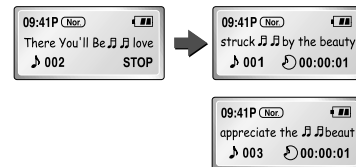
Searching for music/voice files in PLAY

Press ▶▶ button short while playing to play the next track.
Press ◀◀ button within 5 seconds from the start to play the previous track. Press ◀◀ button short after 5 seconds from the start to play the beginning of the current track.



Searching for music/voice files in STOP

Press the ◀◀/▶▶ button in STOP mode, to skip to the previous or next track. Press ▶/■ button to play.




Notice : There's no sound while searching for specific parts in a track of voice files unlike music files.


Note : With VBR files, pressing ◀◀ button within 5 seconds from the start may not result in playing the previous track.
With VBR files, the actual running time may differ from that of the player body display.
VBR(Variable Bit Rate) Files: mp3 files whose compression rate changes when played.

Loop repeating

Loop function


Starting point


While playing music/voice files, press the  button short at the first part that you want to set up the loop.

 flickers in the display.




Ending point





Press the  button short at the last point of the loop.

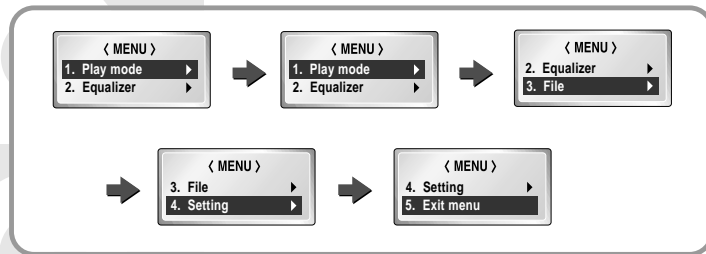
 appears in the display screen.
The loop is repeatedly played.



Note : Press the  button short to cancel the loop.

Setting up MENU

- Play mode switch to MENU mode when pressing the  button longer than 1 second.
- Use the  button to select and the  /  button to move.
- Press the MENU button one more time to cancel the MENU mode.



Play mode : To select track repeating mode.

Equalizer : To use equalizer function

File : To delete or format music/voice files.

Setting : To change the basic setup options of the display.

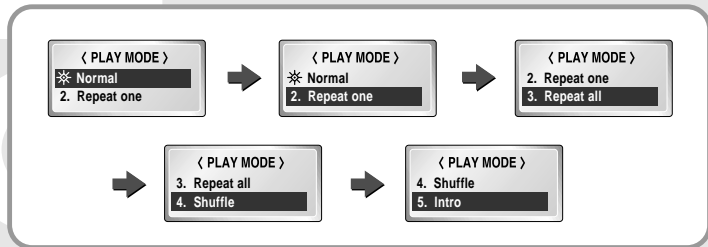
Exit menu : To exit MENU

Note : In MENU, Go up can be used to exit the current setting.
In MENU mode, no input for 10 seconds will cancel the mode.

Repeating tracks

Track Repeating function

- 1 In MENU, select **1.Play mode**.
- 2 In **PLAY MODE**, use the ◀◀/▶▶ button to move to the mode you want and press the ▶/■ button to select.



Normal: To play all the tracks in order one time.

Repeat one: To repeat one track.

Repeat all: To repeat all tracks.

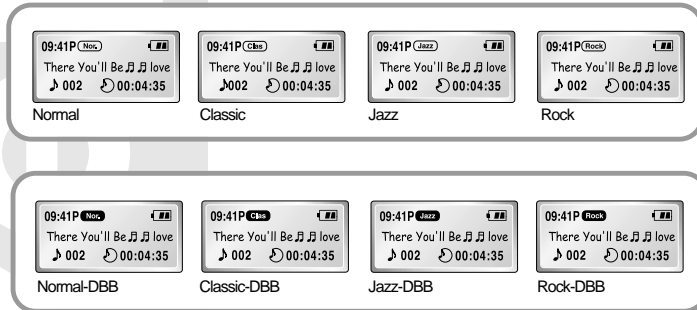
Shuffle: To play tracks at random.

Intro: To play the first 10 seconds of tracks.

Setting up EQ

EQ function

- 1 In MENU, select **2.Equalizer**.
- 2 In **EQ**, use the ◀◀/▶▶ button to move to the tone you want (out of the 8 tones) and press the ▶/■ button to select.



Note : DBB is for Dynamic Bass Booster, which refers to the technology intensifying the bass sound.

Setting up Files

Deleting

- 1 In MENU, select **3.File**.
- 2 In FILE, select **Delete** and the mode the target file is in. Select **Cancel** to exit the mode.

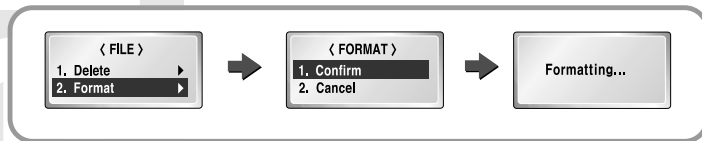


- 3 Move to the file to delete and press the ►/■ button to select. The file is deleted.



Formatting

- 1 In MENU, select **3.File**.
- 2 In FILE, select **Format** **Confirm**. Select **Cancel** to exit the mode.



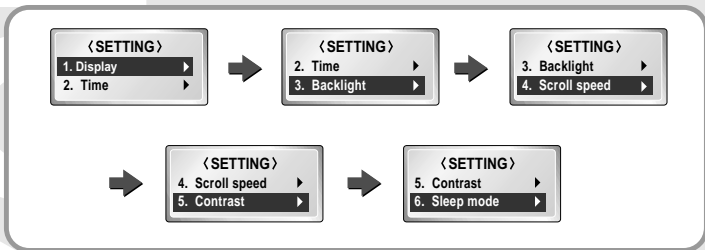
Notice : You can format also in yepp Explorer.
All files will be deleted when formatting the built-in memory.

Customizing options

Setting function

1 In MENU, select **4.Setting**.

2 Use the ◀◀ / ▶▶ button to move to the function you want to change and select the function by using the ▶/■ button.



Display → 1. Information

Play time: displaying current play time

Remain time: displaying remained play time

Total time: displaying total play time



Compression: displaying compression rate 128 Kbps

Free memory: displaying remained memory 32 MB FREE

Display → 2. Logo

Default: "yepp" logo

User define: displaying user-defined logo

None: displaying no logo.

Default Setting

ex) User define Setting



Note : yepp homepage (<http://www.samsungyepp.com>) offers a program to edit the logo. You can download from support.

Display → 3. Time

12Hours: displaying the time in the scale of 12 hours

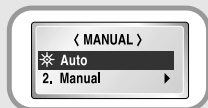
24Hours: displaying the time in the scale of 24 hours

Time → 1. Auto

Automatic time setting

How to set up:

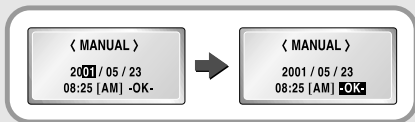
Set yepp as Auto → Connect to PC → Go to yepp Explorer



Time → 2. Manual

Manual time setting

Press the ◀◀/▶▶ button to change Year, Date and Time and the press ▶/■ the button to select.



Backlight

Button: Backlight is "ON" when button is pressed

Auto: Backlight is "ON" according to the current time (pm.06 ~ am.06)

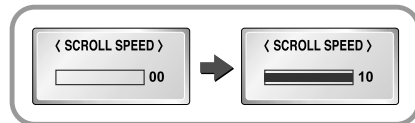
Never: No backlight.

Select Never to save electrical power of a battery.



Scroll speed

Press the ◀◀/▶▶ button to set up the scroll speed.



Contrast

Press the ◀◀/▶▶ button to set up the contrast.

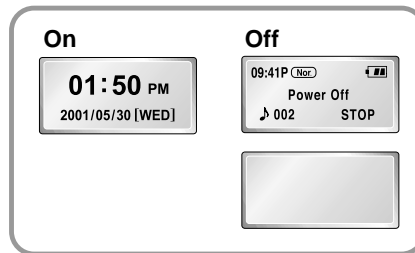


Sleep mode

On: Setting up Sleep mode

Off: Setting up Power Off mode

Select Power Off mode to save electrical power of a battery.



Installing Software (PC)

Insert the installation CD into CD-ROM drive.
Then the picture appears as shown below.

1 Select "yepp explorer install".



2 Click [Next] for the series of windows that appear.

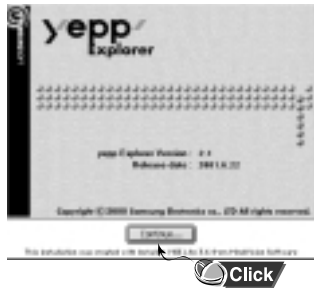


Installing Software (Mac)

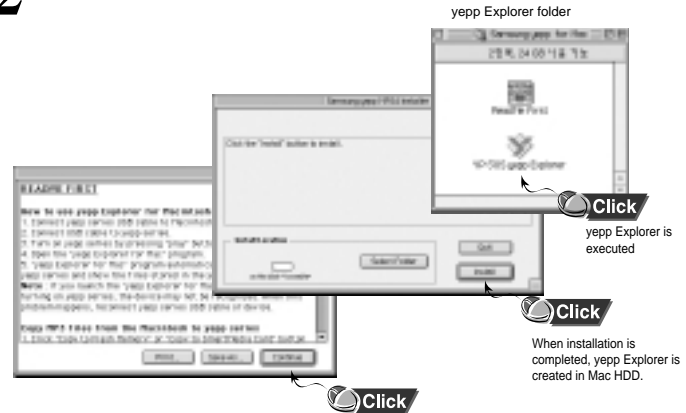
Insert the installation CD into CD-ROM drive.

It operates with only MAC OS (8.6~9.1).

- 1** Select the installation icon as shown in the picture
Double-Click on Samsung yepp 30S Installer



- 2** Click next for a series of windows that appear.



Connecting to Computer

System requirements.

Pentium 133MHz or over

Windows 98/ME/2000

Mac (8.6-9.1)

20MB of available hard disk space

CD-ROM drive

(double speed or over)

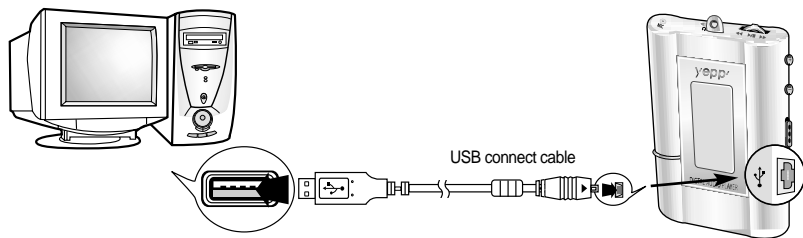
USB port supported

VGA graphic

1 Plug one end of the USB cable into the USB port at the back of a computer.

2 Take off the bottom cover of yepp player to plug the other end of the USB cable into the USB port on the right side at the bottom.

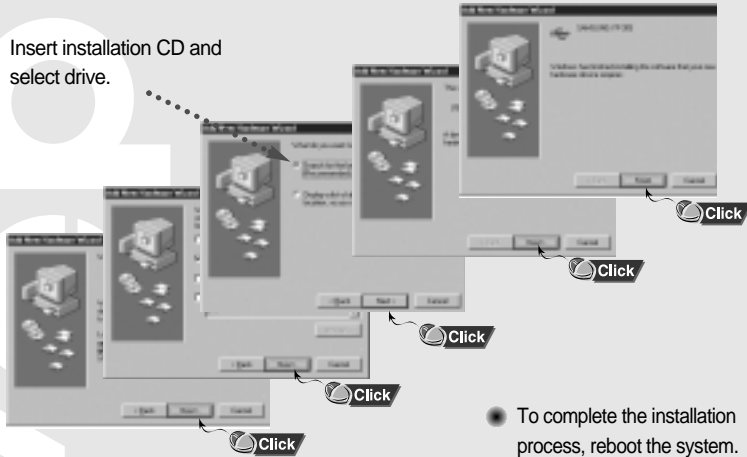
Note : Before connecting to the computer, make sure to install yepp Explorer. If 'Add New Hardware Wizard' appears, press the 'Cancel' button and install yepp Explorer.
If USB driver is not installed automatically, refer to page 29.



Manual installation of USB driver

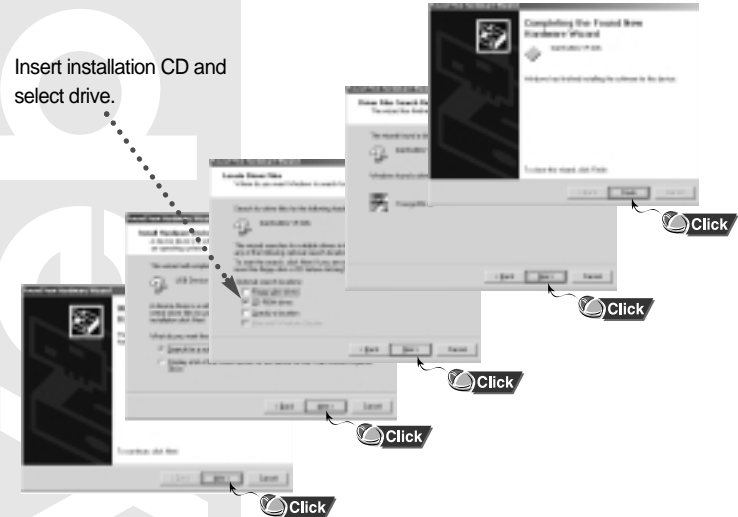
1 In Windows 98

Click [Next] button for a series of windows that appear.

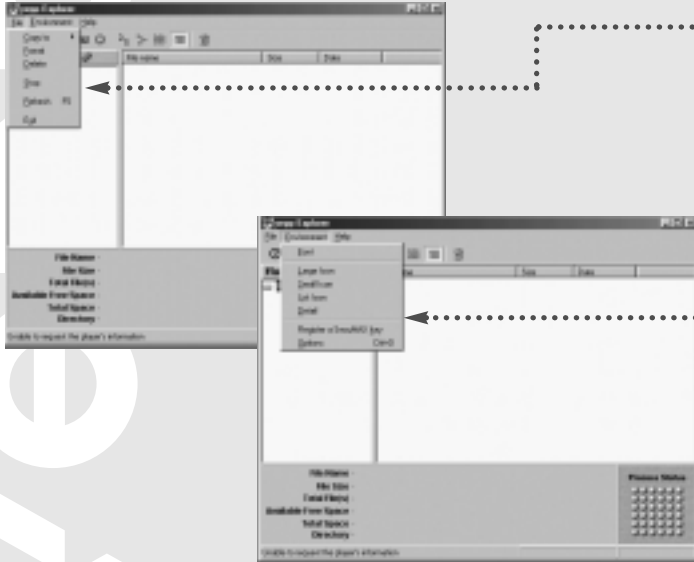


2 In Windows 2000

Click [next] button for a series of windows that appear.



How to use yepp Explorer



File Menu

Copy to	To copy the files between the computer and yepp
Format	To format the built-in memory of yepp
Delete	To delete the files in the built-in memory
Stop	To stop the command for moving files from the computer to yepp
Refresh	To display the current files saved in yepp
Exit	To end yepp Explorer

Environment Menu

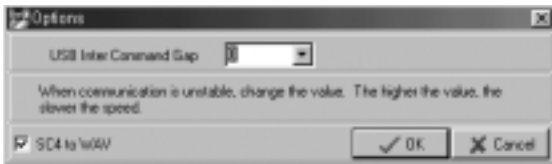
Font	To change the font for displaying information on the list of files in yepp Explorer.
Large Icon/Small Icon List Icon/Detail	To change display type of the list of files in Explorer.
Register a SecuMAX Key	Refer to registering* SecuMAX Key "
Options	You can change voice file transfer type and USB setting.

Notice : After connecting yepp to computer, click the [Refresh] icon in yepp Explorer

Setting up Options

PC (yepp Explorer)

When selecting Options, select Environment Options from yepp Explorer. Click [OK] to save the change.



Note : The difference between SC4 and WAV

SC4: You can play it after downloading it to yepp but you cannot play it in the computer. (For backup in PC)

WAV: You can play it in the computer but you cannot play it after downloading to yepp (mp3 unconvertible)

- If sc4 to WAV is checked, voice file is saved as WAV when uploaded to PC.
- If is not, it is saved as sc4.

Note :

USB driver installation order

"Selecting USB(OPTIONS)" "Turning on the power of yepp" "Connecting yepp to PC"

-USB driver is installed with the message saying that it is searching for a new device. If USB driver is not installed, try one more time after rebooting the PC.

(If USB driver is not installed at the second attempt, contact your PC manufacturer.)

When USB driver is installed, "SAMSUNG YP-30S" will appear in [System Properties]

[Device Manager] as shown in the picture on the right.



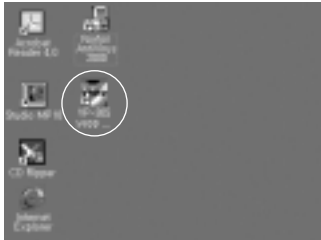
Copying files to yepp (PC)

Before copying files, connect yepp to PC.

When in Sleep mode, press the ►/■ button to make sure the power is on and then proceed.

1 Run yepp Explorer.

Double-click yepp Explorer icon on your desktop.



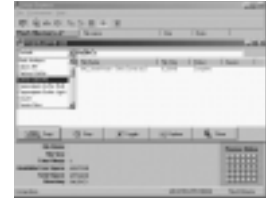
2 Select File Copy to Flash Memory.



3 After selecting the file to copy to yepp, click [Open].



4 You can select the font you want before copying, and copy to yepp.



- Note :**
- 128Kbps file use about 1MB of memory per minute.
 - Directories are divided according to file extensions(.mp3,.sc4...).
- Open the directory to check the saved file.

Copying files to yepp (Mac)

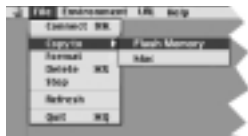
Before copying files, connect yepp to Mac.

When in Sleep mode, press the ►/■ button to make sure the power is on and then proceed.

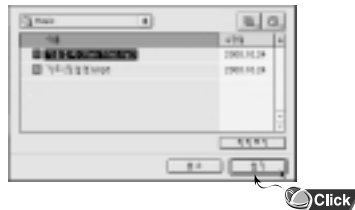
1 Run yepp Explorer.



2 Click File > Copy to > Flash Memory .



3 Select the file to transfer.



4 The file is saved. Now you can unplug the USB cable from Mac and listen to the music using yepp.



Note : You can select the font you want before copying, and copy to yepp.
Select Environment > Font

Note :

- 128Kbps file use about 1MB of memory per minute.
- Directories are divided according to file extensions(.mp3,.sc4...).
- Open the directory to check the saved file.

Deleting files (PC)

Before deleting files, connect yepp to PC.

When in Sleep mode, press the ►/■ button to make sure the power is on and then proceed.

1 Run yepp Explorer.

2 Select the files to delete.



3 Click File Delete.

Note :

You can select [Delete] after right-clicking the mouse to delete files.

Deleting files (Mac)

Before deleting files, connect yepp to Mac.

When in Sleep mode, press the ►/■ button to make sure the power is on and then proceed.

1 Run yepp Explorer.

2 Select the files to delete.



3 Click File Delete.

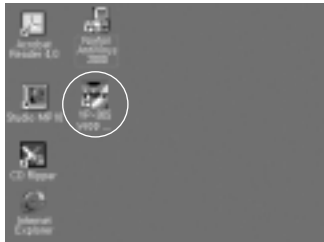


Formatting (PC)

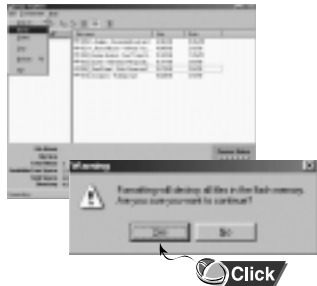
Before formatting, connect yepp to PC.

When in Sleep mode, press the ►/■ button to make sure the power is on and then proceed.

1 Run yepp Explorer.



2 Click File Format .



Note : Before formatting, connect yepp to PC. Then click Refresh and execute Format.

Formatting (Mac)

Before formatting, connect yepp to Mac.

When in Sleep mode, press the ►/■ button to make sure the power is on and then proceed.

1 Run yepp Explorer.



2 Click File Format .



Notice : All files will be deleted when formatting built-in memory.

Uploading files (PC)

Before uploading files, connect yepp to PC.

When in Sleep mode, press the ►/■ button to make sure the power is on and then proceed.

1 Run yepp Explorer.

2 Select file to upload and click File
Copy to PC.

3 Select the folder in the computer to
save the files in.



Uploading voice files to PC may change the type the files are saved according to options.

Notice : Due to the copyright law, mp3 files cannot be transferred to PC.

Uploading files (Mac)

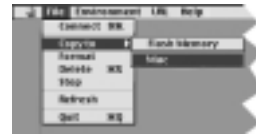
Before uploading files, connect yepp to Mac.

When in Sleep mode, press the ►/■ button to make sure the power is on and then proceed.

1 Run yepp Explorer.

2 Select File Refresh.

3 Select the file to save in Mac and click
File Copy to Mac.



Notice :

- Uploading voice files are saved as SC4 files.
- You cannot play SC4 files saved in Mac. (For backup)

Moving files

You can change the order that the files are played.

- 1** Before moving files, connect yepp to PC.
When in Sleep mode, press the ►/■ button to make sure the power is on and then proceed.
- 2** Run yepp Explorer.
- 3** Select the file to move.



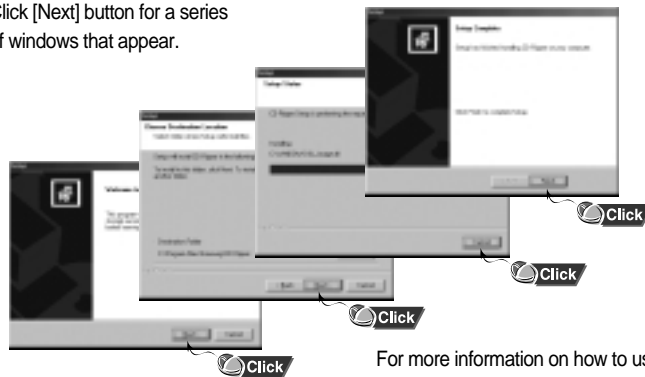
- 4** Drag and drop the selected file to where you wish it to be.

Notice : In Mac, you have to drag and drop while pressing the Control key to move files.

Installing CD Ripper

Insert the installation CD in the CD-ROM driver.



Click [Next] button for a series of windows that appear.








For more information on how to use it, refer to HELP [?] after running CD Ripper.

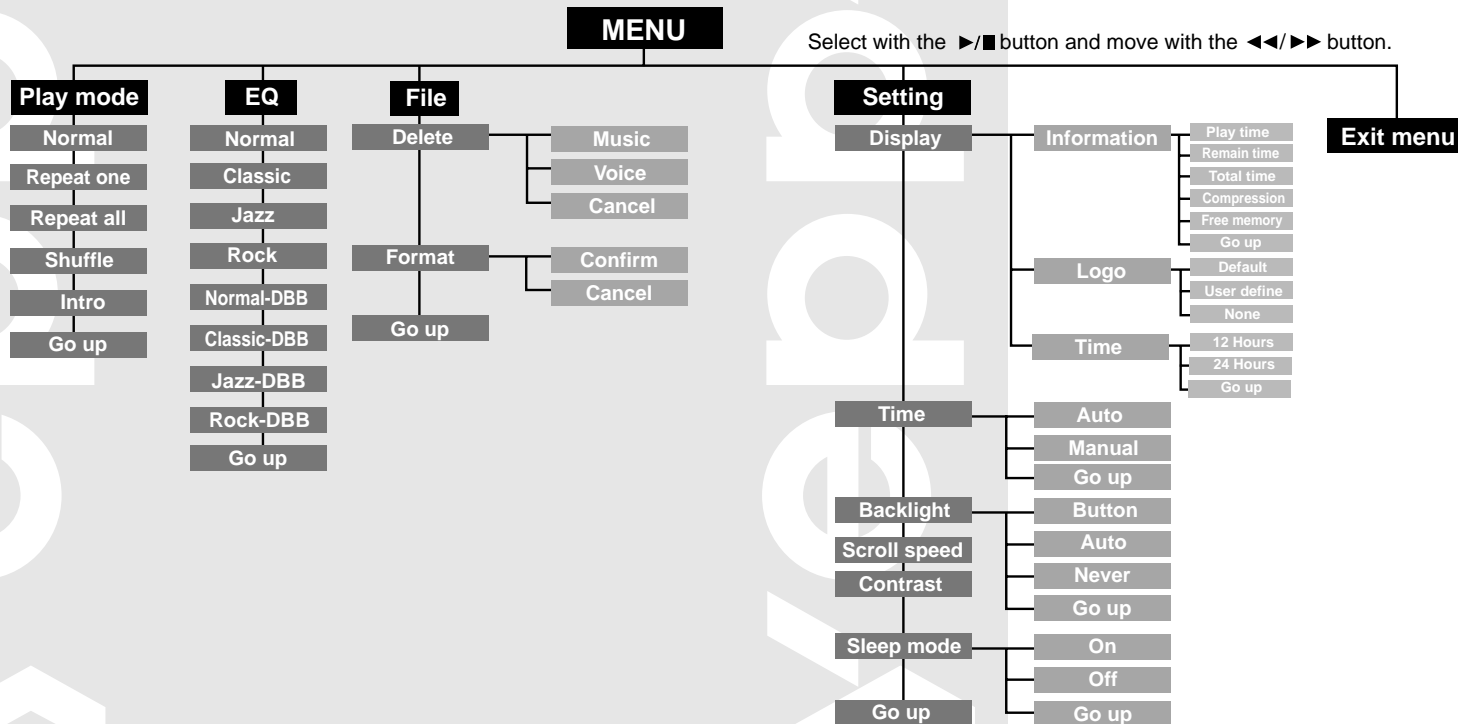
Note : In Windows 2000, if ASPI (provided by adaptec) has not been installed, you should install it. Windows displays "for Windows 98/NT", but you can use it in Windows 2000 as well.

Description of buttons

Button	Before	Pressing length	Action
	Power Off		Power On, and play
	Play		Stop(When no button input for 5 seconds, yepp turns into Power off mode or Sleep mode)
	MENU mode		Selection
	Voice recording		Pause
	Voice recording Pause		resume recording
	Intro Play		After cancelling intro, play generally
		Play	Short
Play		Longer than 1 seconds	Fast forward in the current track
Stop			Skip to the next track
MENU mode			Move upward
(MENU) Clock setting			Decrease

	Play	Short	Within 5 seconds at the start: Play the previous track After 5 seconds from the start: Play the beginning of the current track.
	Play	Longer than 1 second	Fast rewind in the current track.
	Stop		Skip to the previous track
	MENU mode		Move downward
	(MENU) clock setting		Increase
	Play or Stop mode		Volume increase
	Play or Stop mode		Volume decrease
	Play	Short	Set the starting point for loop function
	During loop setting	Short	Loop mode
	Loop mode	Short	Cancel loop mode
	Stop	Short	Changing modes (music / voice)
	Play or Stop mode	Longer than 2 seconds	Enter MENU
	MENU mode		Exiting MENU
	Stop mode		Voice recording
	voice recording		Stop voice recording

MENU table



Precautions

1. Do not drop or press on it.

2. Make sure not to let water in it
If it got wet, dry it with towel and contact the service center.

- 3.Keep out of humid, hot or magnetic places.

- 4.Do not clean it with thinner, alcohol or benzene. It can be damaged.

Something wrong with yepp?

Software does not work.

Refer to 27page.(computer environment)

yepp does not work and the LCD displays nothing.

Check the battery capacity

Check to see if the battery is inserted rightly (,)

The buttons do not work.

Check to see if HOLD button is set for HOLD.

In PLAY mode, music is not played after pressing the PLAY button

Check to see if MP3 file is saved in the built-in memory.

MP3 files cannot be downloaded.

Check to see if the driver is installed rightly in the computer.

Check the connection between the computer and USB.

Backlight does not work.

Check the backlight setup.

When the remained voltage is low, the backlight would not be on longer.

yepp keeps being turned off.

In Stop mode, the power is automatically turned off after five seconds.

Check to see if there are files saved in it.

Something's wrong with play time displayed during Play mode.

Check to see if it is playing VBR(Variable Bit Rate) files. VBR files are supported partly.

LCD window is dark

Check Contrast

Strange letters are displayed

Check the font set up.

Security

You can get legal MP3 files from a growing number of internet sites.

What is SecuMax?

With the increasing amount of digital multimedia content, the content providers became concerned with the ease in which the content could be copied and distributed in violation of their copyrights. This matter required the system called SecuMAX for protecting copyrighted music and for using legal content conveniently.

It is the reason SecuMAX has been developed.

- SecuMAX protects the copyrighted music against infringement.
- SecuMAX can be adapted to various types of digital contents.

For further details on SecuMAX, please visit www.samsungyepp.com

Internet Site

- www.cddb.com

- Music CD-related data is provided through the internet from the CDDB™ Music CD Database.
Copyright ©1998 CDDB Inc.
All rights reserved.

Note :

To listen to MP3 files encoded with SecuMAX, you must download the key file from the internet and register it on the yepp™ Explorer.

Specifications

Model	YP-30S
Processor	18MHz, 20bit RISC
Memory capacity	64MB of Built-in memory
Voltage	1.5V
Battery	One AAA / Lasting 5 hours (Alkaline battery)
Size (W x H x D)mm/Weight	44 x 65 x 14.5/34g
Case	Aluminum/Plastics
File Transfer Speed	Maximum 7Mbps
Noise Ratio	90dB with 20kHz LPF
Earphones Output Power	6mW
Output Frequency Range	20Hz~20kHz
Temperature Characteristics	-5~ +35

Safety Information

FCC Part 15: 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, this notice is not a 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 one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance 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.

Modifications

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, Paldal-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-30S

has been tested according to the FCC/CISPR22/95 requirements for Class B devices and found compliant with the following standards

EMI/EMC : AnSI C63.4 1992, 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.

85 West Tasman Dr.

San Jose, CA 95134

Tel : 408-544-5124

Warranty(Except U.S.)

Samsung warrants this product as free of defects in material, design and workmanship for the 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 Authorised Dealers and Autorised Service Centres will comply with the warranty on the terms issued to purchasers in the country concerned, for further information relating to the Authorised Service Centres contact.

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, dealers name, model, serial No. and product number.
Samsung reserve 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 Authorised Samsung Dealer/Service Centre. No reimbursement will be made for repairs carried out by non Samsung Center 's, and warranty cover will not be valid for 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 purposed or in accordance with Samsung 's instructions usage and maintenance.
- ◆ The product has been used 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.
 - ◆ Un-authorized 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 centres 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 consumers statutory rights nor the consumers rights against the dealer from theirpurchase/sales agreement.