ENCODECO

ENC(O)DECO

MP-900 PORTABLE MUSIC PLAYER

MP3 PLAYER

POWER DIGITAL

ENC(O)DECO

MIC

ENC(O)DECO

CONTENTS

FCC NOTICE

This device complies with part 15 of the FCC Rule . 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.

● NOTE: This equipment has teen 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 agai nst 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 in terference 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 into 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.

● NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

PLAYER SPECIFICATION

Processor	8MHz, 8bit MCU
Memory	32MB Built-in
Voltage Input	DC 1.5V
Battery	Battery AAA X 1 size
LCD Display	8 characters x 1 line
Dimension (W*D*H)	66.6mm x 66.6mm x 15mm
Weight	47g (Without battery)
Case	Poly Carbonate
File Transfer Speed (from PC to PLAYER)	650 kbyte/sec (Internal) 35 kbyte/sec (External)
Memory Socket	Multimedia Card (MMC)
S/N Ratio	> 80dB
Frequency Range	20Hz~15KHz

|	
Earphone	Neck Strap
USB Cable	Carrying Case
Battery	Install CC

WHAT IS MP3?

- MP3, short for MPEG-1, AUDIO LAYER 3 (an   audio subset of an industry standard referred to as the Moving Picture Experts Group), digital audio is a compression algorithm that achieves a compression factor of about 12:1 while preserving sound quality. MP3 is an open format for making large music files smaller without radically degrading their audio quality. It is widely recognized as the most popular format for storing music on the World Wide Web and other components of the Internet.

- In addition, i   t is an efficient way to store music or other audio content on your compu ter. MP3 files can be anywhere from 1/4 to 1/20 the size of a commercial CD audio file, while retaining a high sound quality. These files have the extension of *.mp3 and can be downloaded from the Internet. They can also be converted for personal use from your library of favorite CD's.

KIT CONTENTS

● Take a moment to examine the components provided with your player kit.

<PLAYER>

<USER MANUAL>

MANUAL

<USB PORT CABLE>

<EARPHONE>

<BATTERY(AAA)> ×1

<INSTALLATION CD>

<NECK STRAP>
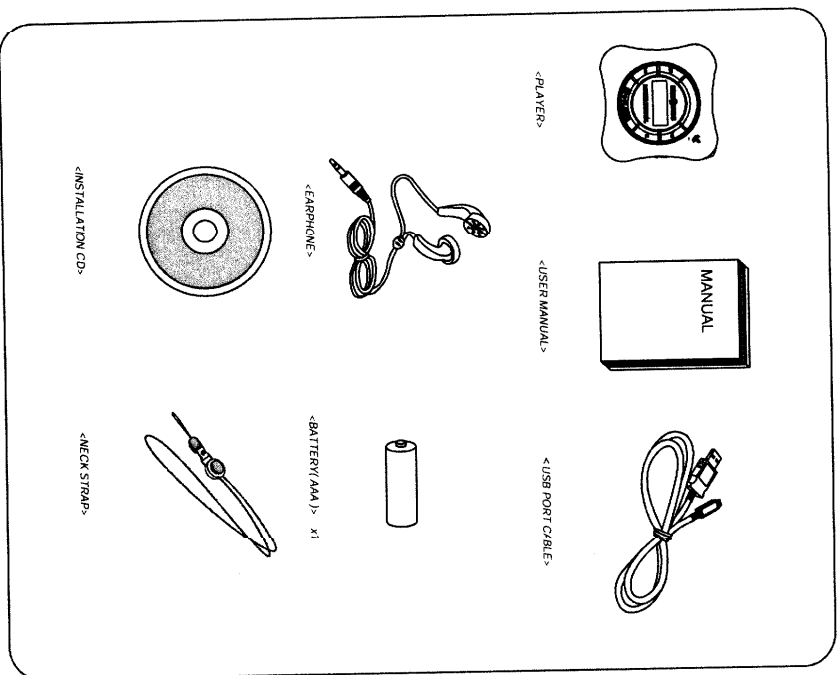
CAUTIONS IN USING AND STORING

1	Avoid strong shock	Normal shock when in use during normal activities will not affect the player's performance. Dropping the unit from a high position or subjecting it to severe shock may damage the unit.
2	Avoid water	Do not expose the player to water. This will damage the unit seriously.
3	Temperature extremes	Avoid exposure to high moisture, very strong sunlight & extreme hot/cold

TROUBLESHOOTING

● The following is a basic troubleshooting guide for the player.

1	Player will not turn on and nothing is displayed on the LCD	Check that the batteries are properly installed.
2	Buttons are not working	Check the position of SYSTEM switch. SYSTEM switch must be REC or PLAY for buttons to work.
3	Music will not play	Check that MP3 music files have been loaded into internal and/ or external memory via Downloader Software.
4	Cannot recognize files on the MMC.	Reformat the external memory. * Use the reformat function from the Downloader Software.
5	Cannot insert the MMC	Ensure that there are no foreign objects in the MMC Slot. In addition, refer to the diagram on the back of the unit which shows how the card should be inserted.
6	Downloader will not detect the unit or files will not copy.	Check the USB connection.
7	Occurs "CODE Err" Can not record a voice or when "CODE Err" occurs.	Reformat the internal Flash memory. * Use the reformat function from the Downloader Software.

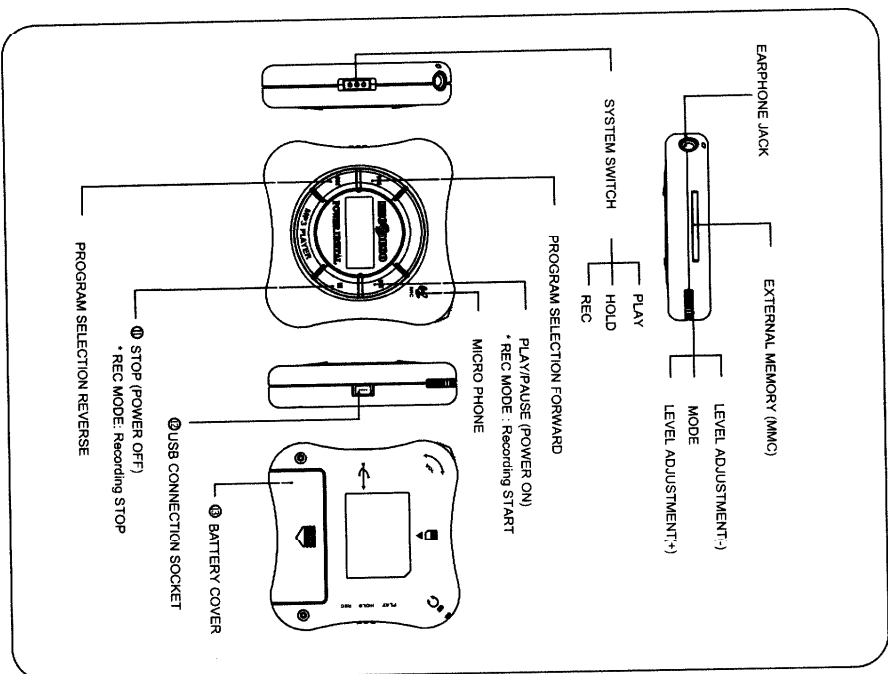# BEFORE USING PLAYER

Minimum System Requirements

● Microsoft Windows 98/2000/ME

● 32MB RAM or higher

● 30MB or more available HD space

● Intel Pentium or compatible Processor

● 1 USB Port

● CD-ROM Drive

● Installed sound card and speakers

● Internet access for the download of MP3 files
(Recommended modem speed is 56K or higher)

● You can obtain MP3 files and the latest information on MP3 technology from a growing number of Internet sites.
The following are some sites you might want to explore:

Http://www.mcy.com
http://www.mp3.com
http://www.mp3now.com
http://www.goodnoise.com
http://www.mp3-2000.com
http://www.nordicabes.com
http://www.lycos.com
http://www.mp3site.com
http://mp3.lycos.com

CONTROL BUTTONS

EARPHONE JACK

SYSTEM SWITCH

PROGRAM SELECTION FORWARD

PROGRAM SELECTION REVERSE

PLAY
HOLD
REC

EXTERNAL MEMORY (MMC)

LEVEL ADJUSTMENT(-)
MODE
LEVEL ADJUSTMENT(+)

PLAY/PAUSE (POWER ON)
* REC MODE : Recording START

MICRO PHONE

⓫ STOP (POWER OFF)
* REC MODE: Recording STOP

⓬ USB CONNECTION SOCKET

⓭ BATTERY COVER

2) Delete All ((M X 2) + (.) + (⑧7# I   ；   + ( );

Delete all stored file at one time.

Make player voice recording stand by status and press
mode key 2 times.

```
VOL.ıll
R  30:25  ⚟
```

Make player "delete all" mode by pressing   or   key ⑥71 I

(M X 2)
```
VOL.ıll
Del All  ⚟
```

(⑧7# I
```
VOL.ıll
Del All  ⚟
```

If you want to delete all store file, press   key the "Del
All" will be displayed on the LCD.

(⁤
```
VOL.ıll
"Sure ?  ⚟
```

And, 2 seconds later "Sure?" Message will be displayed
on the LCD. If you really want to delete all stored file in
the player, press   key, once again.

(⁤
```
VOL.ıll
Deleted!  ⚟
```

Then "Deleted!" will be displayed and available
recording time will be displayed on the LCD.

```
VOL.ıll
R  h1:00  ⚟
```

* . If no button pressed for 3 seconds, p   layer will return to
stand by status automatically.

┌─────────────────────
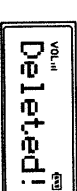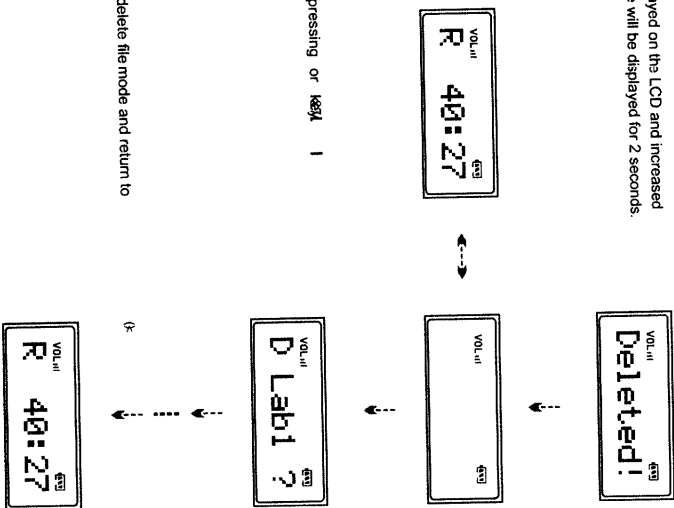│ ＋   REMARK
│   00:00 = min : sec
│   h1:00 = hour : min
└─────────────────────
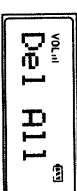
"Deleted" Will be displayed on the LCD and increased available recording time will be displayed for 2 seconds.

VOL.ııl
R 40:27

VOL.ııl
Deleted!

VOL.ııl

VOL.ııl
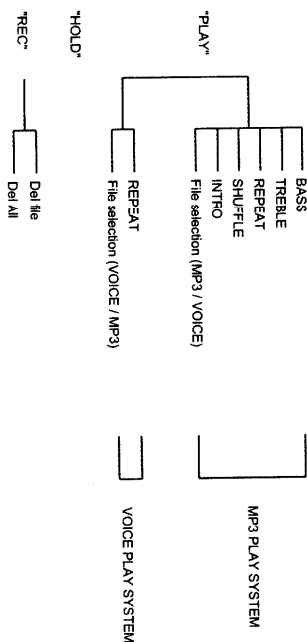D Lab1 ?

VOL.ııl
R 40:27

Select another file by pressing or key.

Press key to escape delete file mode and return to stand by status.

* If no button pressed for 3 seconds, player will return to stand by status automatically.

SYSTEM MAP

It enables to change system default value or current setting for better sound effect or your convenience.

"PLAY"
- REPEAT
- File selection (VOICE / MP3) — VOICE PLAY SYSTEM
- File selection (MP3 / VOICE)
- INTRO
- SHUFFLE
- REPEAT
- TREBLE
- BASS — MP3 PLAY SYSTEM

"REC" — Del file
      — Del All

"HOLD"

MP3 play mode (SYSTEM switch : "PLAY", File selection : MP3)

Menu	Value	Selection	Auto release	Auto save
BASS(d)	1-20			YES
TREBLE	1-20			YES
REPEAT	Off(d) / / / ALL			NO
SHUFFLE	YES / NO(d)	VOL +/-	YES	NO
INTRO	YES / NO(d)			NO
Mode selection	MP3(d) /VOICE			NO

$ d : default

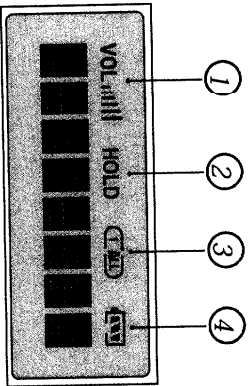VOICE play mode (SYSTEM switch : "PLAY", mode selection : VOICE)

Menu	Value	Selection	Auto release	Auto save
REPEAT	Off(d) / / / ALL	VOL +/-	YES	NO
Mode selection	MP3(d) /VOICE			NO

$ d : default

* . Auto release
If no button is pressed within 3 seconds, player will return to normal mode with new setting.

* . Auto save
Current setting will be saved even in power off.

LCD DISPLAY

1	VOL⊥⊥∥∥	Indicates volume level
2	HOLD	Indicates that the hold switch has been turned on. Prevents accidental or unintended operation of any button.
3	⊤ ALL	Indicates repeat function is activated
4	🔋	Indicates current battery status. Three bars indicates a fully charged battery. This icon is always on while the unit is operating.

It enables to obtain free space for voice recording.

* Voice file only can be stored on the internal memory. So, it's meaningless if you delete a file(s) stored in the external memory to get more free memory space for voice recording.
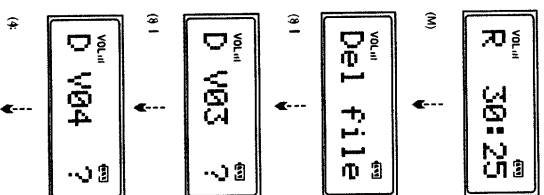
"REC" ── ┌─ Del file
          └─ Del All

1) Delete File (M X 1 +(,)+ (8기)) l   4:
   Delete a stored voice file one by one.

When you move SYSTEM switch on the back panel to "REC", available recording time will be displayed on the LCD.

Select a file what you want by pressing   or key기   l

Confirm file deletion by pressing   key4;

＋ NOTICE

You can hear a voice through earphone while recording and also can adjust volume. But in this case, it takes an effect just earphone volume not a recording volume level.

> Recording a Voice file is possible just only on the internal flash memory.

* : Voice Recording Auto Stop by No-Memory

If there's no memory space while recording, player automatically store current voice file and stop the recording.

VOL.
Re-cor-ded

VOL.
NO Mem !

VOL.
03=02:33

VOL.
03=02:33

VOL.

(2sec)
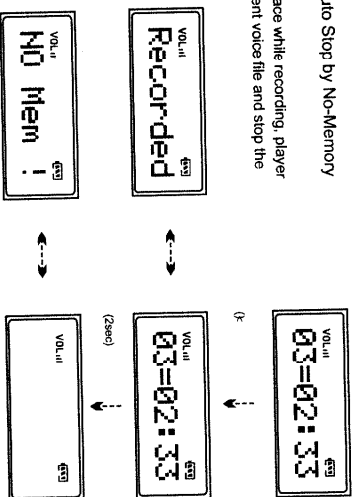
Voice File Naming

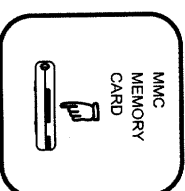Format : Vnn.SC4 (Auto naming(numbering) from 01 to 99)

EXTERNAL MEMORY CARD
[/MMC

● This player can store and play additional MP3 files by inserting an external memory card into the MMC slot.
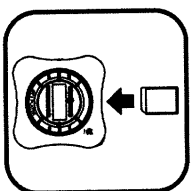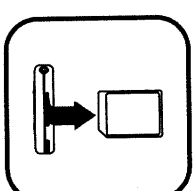
Inserting External Memory Card

Turn off power by pressing and holding the STOP (button for 2 seconds. Insert multimedia card into slot. (Fig. 1)
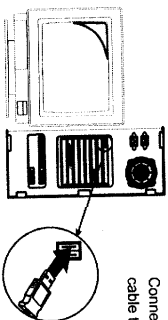

Playing External Memory Card

If you have an external flash memory card inserted into the player, remove it by pressing the MMC. (Multi Media Card) (Fig. 2,3)
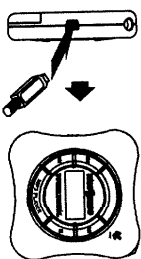
MMC
MEMORY
CARD

Note. : Do not remove the Memory Card while player is on.

CONNECTING THE PLAYER
TO YOUR PC

To transfer Mp3 files, connection between PC and the player should be made as follows.

Connect the supplied PC USB connecting cable to your computer's USB port

Turn on the player by pressing the PLAY (4:) button and connect the PC connecting cable as shown.

It enables to record a voice. Please make SYSTEM switch at / REC.
Available recording time will be displayed when powered on.
If No mem. message displays, please delete one or more stored file before recording. (See page 42)

( ) 4;

Press PLAY/PAUSE( ) button once then, player starts recording. While recording, new voice file name and recording time will be displayed on the LCD.
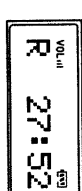
* NOTICE
File name : V03.SC4 (Extension name and initial 'V' do not displayed)

( ) <

If you press STOP() button, Recorded message will be blinking and player displays a voice file name and its recording time on the LCD for 2 seconds.

And, soon player becomes a voice recording stand by status.

VOL.ıll			VOL.ıll			VOL.ıll
R 30:25	→	03-00:01	→	03-00:02	→	03-02:33

(4:

VOL.ıll Recorded	↔	VOL.ıll 03-02:33	←	VOL.ıll R 27:52

(2sec)

"PLAY" ——— REPEAT
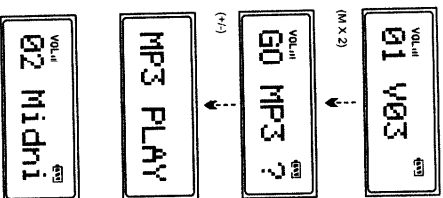   ——— FILE SELECTION (VOICE / MP3)

VOICE PLAY SYSTEM

1) Repeat (M X 1 + (+, -))

The same rule is applied as MP3 PLAY SYSTEM.

2) File selection   (M X 2 + (+, -))

The same rule is applied as MP3 PLAY SYSTEM.

VOL.ıll
01 V03

(M X 2)

VOL.ıll
GO MP3 ?

(+/-)

MP3 PLAY

VOL.ıll
02 Midri

SOFTWARE INSTALLATION

There are two components to the ENCODECO Software Suite:

• Download files between your PC and Player.
• Real Networks which organizes your music Collection, Converts CD Audio to MP3 format, and plays music files on your PC.

Before you can use the above programs, you must install them using the CD that came with player package. Follow the steps below:

1. Turn on your computer.
2. After Windows 98/2000 or ME has finished its star   tup, insert the MP-900 Installation CD into your computer's CD-ROM Drive. This is usually your D-Drive.
3. The following install screen will appear on your display:

4. Click the "MP3 downloader Software" icon to install the MP-900 Software Package. Follow the installation prompts accordingly.
5. To copy sample MP3 files onto your computer, click the "Sample MP3 Files" icon.

If the above screen does not appear, run the setup manually by doing the following:

• Click the "START" button on the Windows Task bar
• Click "RUN" and type: D:\INSTALL\SETUP.EXE
        (Assuming "D" is the letter of your CD-ROM Drive)
• Click "NEXT" to continue, and follow the installation prompts accordingly.

OBTAINING AND MANAGING

MP3 FILES

You may obtain MP3 files from the Internet (using the list of web sites on page 3) or convert them from favorite CDs in your own collection. Converting CD Audio using Real Jukebox is discussed later in this manual on pages 12 and 13.

It is recommended that you keep all of your MP3 files in one directory on your computer (i.e. - C:\My Music).

Downloading From The Internet

The following procedure illustrates an example of how to download an MP3 file from the Internet:

1. Ensure that you have a valid Internet connection   (i.e. - America Online, CompuServe, etc.).

2. Connect to the Internet and use your web browser (Internet Explorer or Netscape) to go to the following web site:

www.mp3.com

- To learn more about MP3, click the "Getting Started" link on the above web page. This will guide you through the fundamentals of MP3. Otherwise, select a category from the list on the right side of the page (i.e. - Classical).

- Within that category, choose a subcategory (i.e. - Chamber Music)).

Chamber Music

Schubert, Violin
Sonatina op.137, 3/4

Play   P<u>lay</u>   ▼Download   (6.1 MB)
Description: Schubert, Sonatina for violin and
piano op.137, n.2, A minor, D385, mv.3/4.
Mennetto mit trio, 2:34
CD: Classic Open Air

- You will now see a list of songs within that category. Click on the one that interests you.

- Click "Download" as shown in the sample above

- You will then be asked where you want to download the file.

- Specify the directory where your MP3 files are located:

Schubert, Violin
Sonatina op.137, 3/4

Play   P<u>lay</u>   ▼Download   (6.1 MB)
Description: Schubert, Sonatina for violin and
piano op.137, n.2, A minor, D385, mv.3/4.
Mennetto mit trio, 2:34
CD: Classic Open Air

Click here to create
a new folder

Double click here,
then click OK to
start downloading

If you want to listen a stored Voice file, please check the followings.

First, make SYSTEM switch on the back panel at "PLAY".

Press MODE button and check current System setting is "VOC PLAY" or "GO MP3?".

(,)   871 I

Select a file by pressing FF(↑) or REW(↓) button. I

VOL.ιιι   01 Y03   ⊕ιⅈ

Key operation is the same as MP3 PLAY.
(Please see page 27.)

VOL.ιιι   02 Y04   ⊕ιⅈ

Key operation is the same as MP3 PLAY.
(Please see page 28.)

VOL.ιιι   03 Lab1   ⊕ιⅈ

EX) VOICE PLAY

VOL.ιιι   01 Y03   ⊕ιⅈ

Key operation is the same as MP3 PLAY.
(Please see page 28.)

VOL.ιιι   01 00:01   ⊕ιⅈ

Key operation is the same as MP3 PLAY.
(Please see page 29.)

VOL.ιιι   01 00:02   ⊕ιⅈ
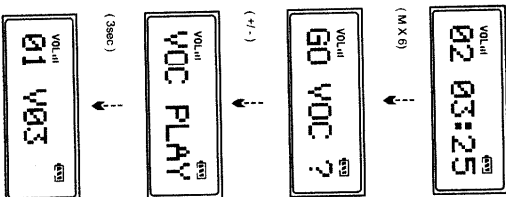
Key operation is the same as MP3 PLAY.
(Please see page 30.)
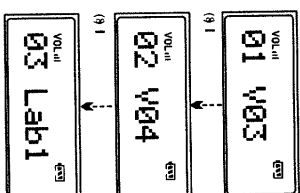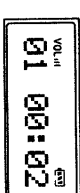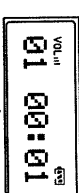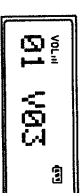
6) File Selection (MP3/Voice) (M X 6 + (+, -))

Select file format to play. [Factory default : Mp3]
Press MODE button 6 times, and change it by
pressing VOLUME + / -.

(M X 6)

```
VOL.ıll
02 03:25  ⊞
```

(+/-)

```
VOL.ıll
GO VOC ?  ⊞
```

(3sec)

```
VOL.ıll
VOC PLAY  ⊞
```

```
VOL.ıll
01 V03  ⊞
```

REAL JUKEBOX SOFTWARE

Real Jukebox is your personal music management system. Real Jukebox lets
you acquire, manage, and play personal collections of digital music in a variety
of formats on your personal computer. In addition, Real Jukebox will allow you
to convert (record) any of your existing CD Audio tracks into MP3 format.
Once converted to an MP3 file, then you will be able to transfer it to your
player.

The Real Jukebox program can be started by double clicking its icon on the
Windows 98/2000/ME Desktop.

Once launched, Real Jukebox window will appear on your screen. On the left side of
the Real Jukebox window are three icons, or tabs. Each of these takes you to
a basic function of Real Jukebox.

Record/Play CD
Use this section to play a CD or to convert a CD Audio
track to MP3 format. Start building your digital music
library by converting (recording) from your favorite
CDs in your existing collection.

Music Library
Here, you can play MP3 tracks, create custom
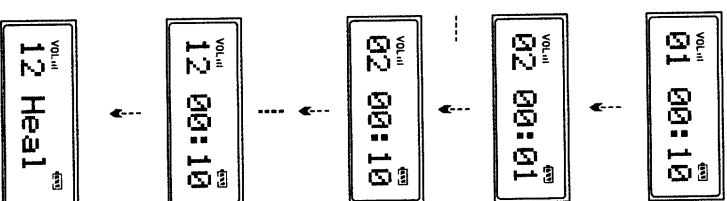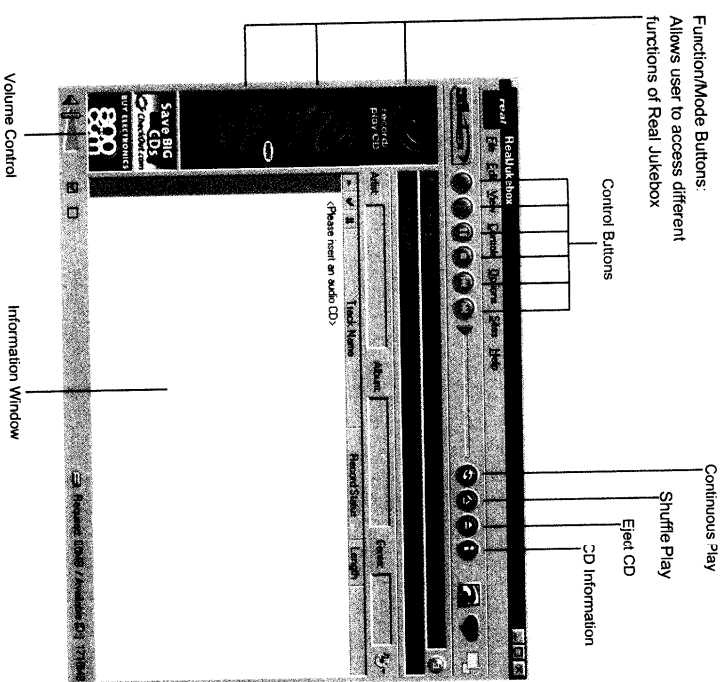Playlists, import music files, and organize a Music
Library.

Get Music
With a connection to the Internet, you can download
free music or purchase music from the affiliated sites
listed in this section.

REAL JUKEBOX HELP & TUTORIAL

The Real Jukebox program is shown below with some key functions labeled.

At any time, you can hit the key of your keyboard to launch the help screen. In addition, click on the menu on the toolbar, then select Tutorial . This will launch a full-motion video tutorial of all of the Real Jukebox features and functions.

Function/Mode Buttons:
Allows user to access different functions of Real Jukebox

Control Buttons

Continuous Play

Shuffle Play

Eject CD

CD Information
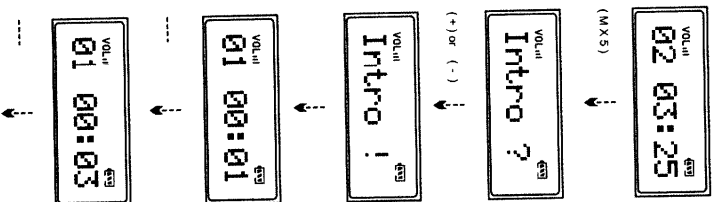
Volume Control

Information Window

5) Intro (M X 5 + (+, -))

Playing the first 10 second of each stored music file.

Press MODE key 5 times, and change its setting by pressing VOLUME +/-.

When the desired music is played, press PLAY button to cancel "Intro" function and normal play will continue.

(M X 5)

Intro ?

(+) or (-)

Intro !

REAL JUKEBOX-
WORKING WITH CD AUDIO

With Real Jukebox, recording a CD on your PC (converting CD Audio to MP3 format) is as easy as playing a CD on your CD Player. Unlike other encoders, with Real Jukebox, you can listen to CDs as you record (convert) them. You can then play them back from your PC anytime in MP3 format or transfer them to your player with the MP-900 Downloader.

To Play A CD :

Insert a CD into the CD-ROM drive of your pc.
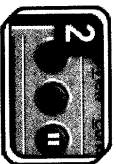
If you have chosen the automatic play option in references under the General menu tab, your CD begins playing automatically. If not, simply click the play button.
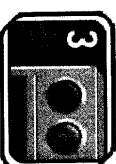
To Record A CD   (Converting from CD Audio to MP3 Format)

Insert a CD into the CD drive of your computer. If you're connected to the Internet, Real Jukebox finds the CD information (artist, title, genre, and track names) for you.

If automatic record is selected during setup, your CD begins recording automatically. If not, click the Record button. All recorded tracks are saved in the Music Library.


If you have not selected automatic record, click the record button to begin recording the CD.

REAL JUKEBOX-PLAYING MP3 FILES

When finished with the initial program installation, Windows automatically associates MP3 files with Real Jukebox. At this point, you can simply double click on any MP3 file through Windows Explorer and Real Jukebox will automatically play the file.

You can launch Windows Explorer by clicking its icon on the Windows Start Menu in the following manner:

START PROGRAMS WINDOWS EXPLORER

Double-Click an MP3 file to play it through Real Jukebox

---

4) Shuffle (M X 4 + (+ , -))

Playing the stored music file in random order. [Factory default : OFF]

Press MODE key 4 times, and change its setting by pressing VOLUME +/-.

(M X 4)

(+)

(4)
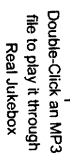
3) Repeat (M X 3 + (+, -))

Press MODE key 3 times, and select status of this
function by pressing VOLUME +/-.
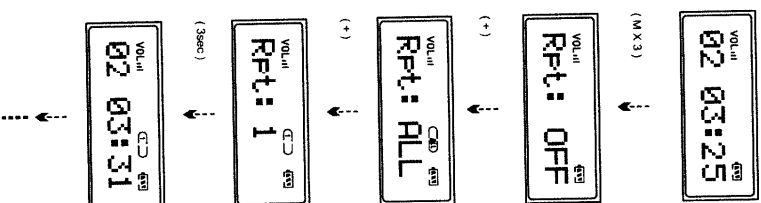

(M X 3)

Rpt: OFF

Play music or voice file form current position to end of
stored file by order just once. Player will stop play
when the play of end file is finished.

(+)

Rpt : ALL

Play all stored music(or voice) file by order continually
till player is power off.

(+)

Rpt : 1

Play continually current music(or voice) file only.

(3sec)

REAL JUKEBOX-CREATING PLAYLISTS

Playlists are like Greatest Hits albums you create using your favorite MP3 files.
Each Playlist track is a shortcut to the music file (not a copy of the actual file),
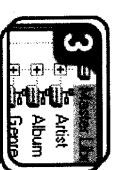so Playlists take up very little space on your hard drive.

To Create A Playlist   :

Cick the Music Library icon on the left side of the Real
Jukebox window.

A folder titled New Playlist currently appears under the
folder titled Playlists. Click the New Playlist button at
tte bottom of the screen to create a new Playlist.

Double-click to open a group ard subgroup in the
Master Library (Artist, Album, Genre, or All Tracks).
Your track list appears in the Contents Panel on the
right.

Drag a track from the list into the New Playlist folder and
add it to your Playlist. Repeat this step to add tracks
from multiple groups.

To rename your Playlist, first click your New Playlist and press F2 on the
keyboard, or right-click the New Playlist folder and select Rename from the
pop-up menu. Next, type in the new name and press the Enter button.

Congratulations! You've just created a Playlist. Now you can play the tracks
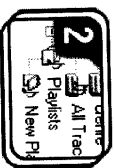you've selected, save your list for later play, or both.

REAL JUKEBOX-PLAYING A PLAYLIST

Once you've created a Playlist or two, it time to listen to them. To do so, follow the directions below.
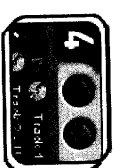
To Play A Playlist

Click the Music Library icon on the left side of the Real Jukebox window.

Double-click the Playlists folder in the Catalog panel on the left (may already be open).

Click to select your Playlist. A list of tracks appears in the Contents panel on the right.
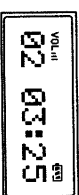
Click the PLAY button to begin playing your list in order, or click the Play Column to play a specific track.

2) Treble (M X 2 + (+ , -))

Change TREBLE value [Factory default : 10]

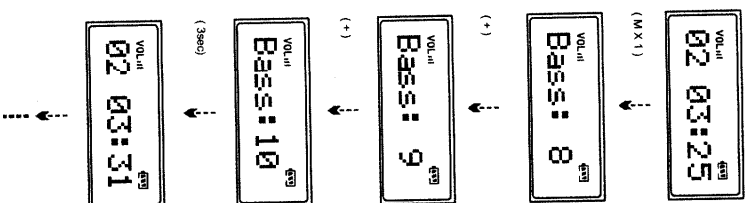Press MODE key 2 times, and change its value by pressing VOLUME +/-.

(M X 2)

(+)

(3sec)

1) Eass(M X 1 + (+ -))

Change BASS value. [Factory default : 10]

Press MODE key 1 times, and change its value by pressing VOLUME +/-.

VOL.ıll **02 03:25** ◄▒▌

(M x 1)

VOL.ıll **Bass: 8** ◄▒▌

(+)

VOL.ıll **Bass: 9** ◄▒▌

(+)

VOL.ıll **Bass:10** ◄▒▌

(3sec)

VOL.ıll **02 03:31** ◄▒▌

REAL JUKEBOX-EDITING PLAYLISTS

To Edit A Playlist :

1 To remove a title from the Playlist (but not from your Music Library), click the name of the track to select it and press the delete button. Alternatively, you may select the track then select Delete from the Edit menu.

2 To change the order of your tracks, just click the track you want to move and drag it to the new position in the list.

3 To delete an entire Playlist, select the Playlist folder and press the Delete button. Deleting a Playlist will not delete the tracks from your Music Library.

DOWNLOADER PROGRAM

The ENCODECO Downloader is used to manage the files on your player. Use this program to transfer files back and forth between your PC and your player, change the order of songs on your player, and format the onboard and/or MMC memory. Start the program by clicking Downloader icon in the Windows Start Menu:

START ▶ PROGRAMS ▶ EncoDeco DN ▶ MP3 DOWNLOADER
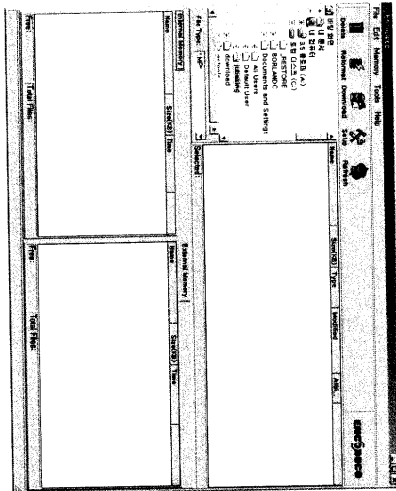
If an error message appears stating, "Device Not Connected," please check the following:

1. The unit is properly connected to the PC Printer Port through the supplied accessory cable.
2. The unit is powered on (press the Play Button ( ) on the player).
3. The player is in normal mode (not Shuffle or Intro).
4. Your PC's USB port is working correctly (are you able to print to a printer?).
5. Pressing the F5 button on your keyboard refreshes the program display. Press the F5 button after the unit is connected properly and is powered on.

3

It enables to change system default value or current setting for better sound effect or your convenience.

"PLAY"
- BASS
- TREBLE
- REPEAT
- SHUFFLE
- INTRO
- FILE SELECTION (MP3 / VOICE)

MP3 PLAY SYSTEM

🔘 (+ ,)

Press the (+) or (-) buttons to adjust the volume level.
The volume level will be displayed accordingly when
you press this key.

(+)

```
VOL.∎∎
02  03:25
```

The default volume setting is 10.

(+)

```
VOL.∎∎
Vol: 11
```

(+)

```
VOL.∎∎
Vol: 12
```

(3Sec)

```
VOL.∎∎
02  03:31
```
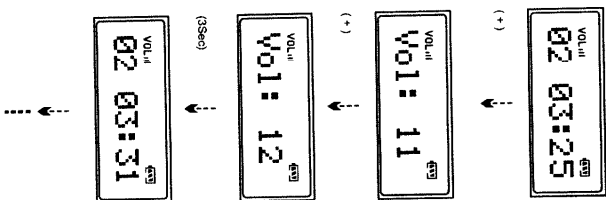
* : Auto saving and release

If no button is pressed within 3 seconds, player will
return to stand by mode with new setting. And also
current setting will be saved even in power off.

MP-900 DOWMLOADER:
FEATURES AND FUNCTIONS

Explorer Window :
This window indicates the directory where your MP3 files are stored. Browse
through the directories on your hard drive and select the folder where your
MP3 files are located.

PC File List Window :
Displays the contents of the folder selected in the Explorer Window. The files
in this window can be transferred to and from your player.

File List Window :
Displays the contents of the player internal memory.

MMC File List Window :
Displays the contents of the Multimedia Card inserted into the MMC Slot. You
may purchase this optional card and through

File Filter Setting :
Sets which files   are displayed in the PC File List Window. You may wish to
identify this set as " .MP" so that only MPEG Audio files(MP3) are shown. If
you change this setting to " : (All Files), all files will be displayed.

Downloading files to the player from the computer :
1. Ensure that your player is connected and powered on.
2. Display the selected files you wish to download in the PC File List Window.
3. Click the Download icon on the toolbar. A confirmation will appear stating
   the download status.

Uploading files to the computer from the player :
1. Ensure that your player is connected and powered on.
2. D isplay the selected files you wish to upload in the Dlayer or MMC File
   List Window.
3. Right-Click on the selected file and select "Upload". A confirmation will
   appear stating the upload status.

Changing the order of files on the player

1. Select the file you wish to re-order from the player or MMC File List Window.
2. Click, hold, and drag the file to its new position. Let go of the mouse button.
3. Your selected file should now be in its new position.

Deleting Files

1. Select the file you wish to delete from either File List Window.
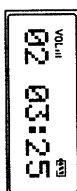2. Click the Trash icon on the toolbar to delete it.

Reformatting the player Memory

Due to normal usage, some portions of space are lost in the internal memory and MMC memory of your player Use the Reformat icon (deletes ALL data on the player) from time to time as a maintenance measure to reclaim all free space on your unit.

( )871 |
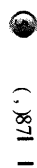
It enables to find and move specific position of the current MP3 music file while playing.

When you pressing FF or REW button briefly while playing, player will play the next( ) or previous( ) music promptly.

*. NOTE
If you press FF or REW button briefly while playing, player will play the next( ) or previous( ) music promptly.

When you release the button, player will begin play the music from the current changed position of the file.

VOL.ıll 02 03:25	VOL.ıll 02 03:24	VOL.ıll 02 03:23	VOL.ıll 02 03:01	VOL.ıll 02 03:02
	(▼ ~2sec)	(▼ keep holding)	Release the key	

Press STOP() button once, playe' will end play of the current selection. If you want to play again, press PLAY/PAUSE( ) button then, player start play of current selection from the beginning.

VOL.Ill 02 03:25

When you press this button while playing, Pause will be displayed on the LCD and player will stop play of current selection (music or voice) for a while. Player resume play at current position when you press this button once again.

| VOL.ll 02 Midni | VOL.ll 02 03:25 | Pause (‡ Pause | Re-Play ↑ VOL.ll 02 03:26 | VOL.ll 02 03:27 |
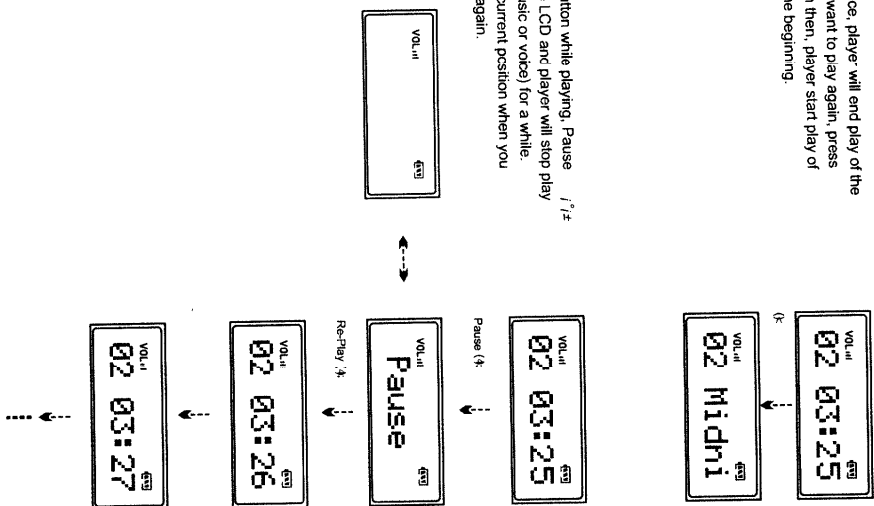
HOW TO USE

Please check current position of SYSTEM switch on the back panel before power on.

Press the PLAY/PAUSE( ) button once. Then, /ENCODECO will be displayed on the LCD momentarily and displayed information per current mode is as shown below.

VOL.Ill HOLD ENCODECO

1) PLAY System
(SYSTEM switch position) "PLAY"
Current setting and music file information (track number & title) will be displayed. If there's no music or voice file in the player, "NO Files" will be blinking on the LCD. In this case, please download music files from PC to the player first.

MP3 PLAY → VOL.ll 02 Midni

VOL.ll NO Files ↔ VOL.ll
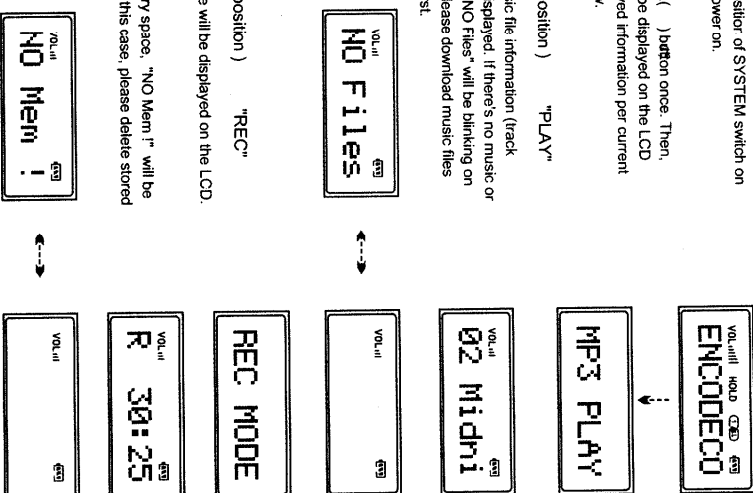
2) REC System
(SYSTEM switch position) "REC"
Available recording time will be displayed on the LCD.

If there's no free memory space, "NO Mem !" will be blinking on the LCD. In this case, please delete stored file first. (see page 41)

REC MODE → VOL.ll R 30:25

VOL.ll NO Mem ! ↔ VOL.ll

◢ : (2)á

Holding down the STOP() button for 2 seconds, "Good bye will be displayed on the LCD momentarily and player will be turned off soon.

```
VOL.ıll
02 03:25
```
(n*2)
```
Good bye
```

Auto power off

*. Low battery

Player will automatically turn itself off when battery voltage is low. Lo batt. Message is displayed before automatic shut down and Good bye message is displayed just before powering of.

```
VOL.ıll
02 03:25
```
```
VOL.ıll
Lo batt..
```
```
Good bye
```

*. Check hold

If SYSTEM switch on the back panel is HOLD i°í± position and PLAY/PAUSE( ) button is pressed, player will turn itself off automatically. Before automatic shut down, "Check" message with "HOLD" icon is displayed and "Good bye" message is displayed just before powering off.

```
HOLD
Check
```
```
Good bye
```
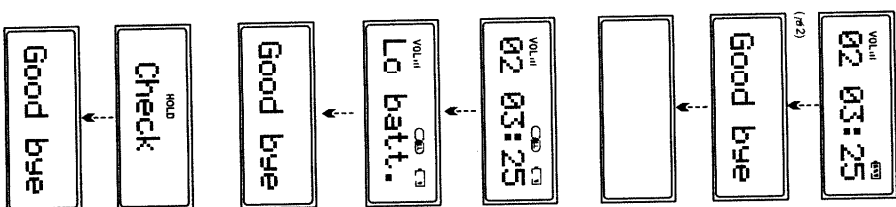
◢ ((C°))

In stand by status, press PLAY/PAUSE( ) button° once, then current selected music will be played soon.

```
VOL.ıll
02 Midni
```
(4
```
VOL.ıll
02 idnig
```

Music title will be displayed once on the LCD during the music play. In case of long title, player will display the whole title by moving characters from right to left one by one till whole title displayed completely. After that, player displays current playing time on the LCD.
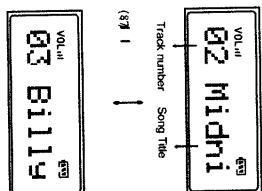
```
VOL.ıll
02 t
```
```
VOL.ıll
02 00:07
```
```
VOL.ıll
02 00:08
```
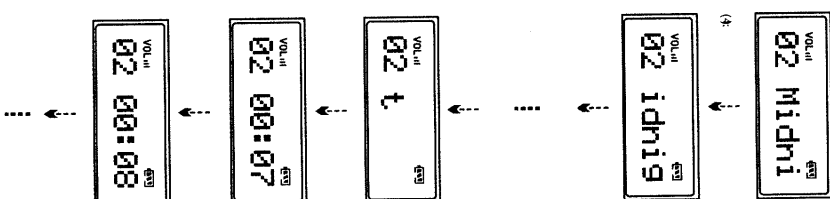
(,)871 |

Current music information will be displayed on the LCD in stand by mode on.

Track number, Song Title

Press the FORWARD, REVERSE (,) button to select desired music among the stored music titles.

VOL.ııl   02 Midni

Track number   Song Title

(871 |

VOL.ııl   03 Billy

This player has 2 kinds of system(PLAY & REC) and you can change it by pushing SYSTEM switch (3 position slide switch) on the left side of player.

Protect unintentional operation while listening music. Move current position of SYSTEM switch [PLAY → HOLD] while listening music. Then, HOLD icon will be displayed on the top of LCD and player refuse against every button pressing. If you want to cancel music hold mode, move current position of SYSTEM switch [HOLD → PLAY].

Change from music PLAY SYSTEM to voice RECORD SYSTEM.
If you move current position of SYSTEM switch [PLAY(or HOLD) → REC] while listening music, player will stop music play and displays REC MODE for 2 seconds on the LCD and, displays available recording time automatically(Voice record stand by mode).

VOL.ııl   02 03:25

(PLAY→HOLD)

VOL.ııl   HOLD   02 03:26

VOL.ııl   02 03:25

(PLAY→HOLD)

VOL.ııl   HOLD   02 03:26

(HOLD→REC)

VOL.ııl   REC MODE

(2SEC)

VOL.ııl   R 30:25
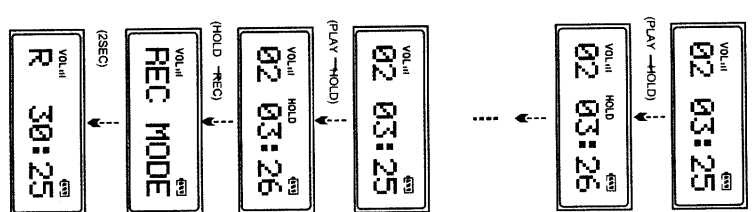
Hold in REC SYSTEM

Protect unwanted button pressing while recording a voice. Move current position of SYSTEM switch [REC /≈HOLD] while recording a voice. And, next step is same with the previous #1. Even, Then, HOLD icon[,≠ on the top of LCD will be displayed.

(REC →HOLD)
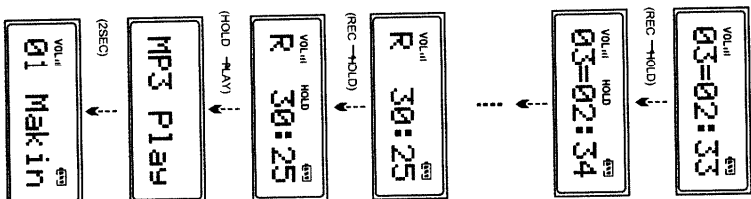
SYSTEM CHANGE REC→PLAY

Change system mode from voice recording to music play. If you move current position of SYSTEM switch /REC to PLAY while voice recording, player stop to record a voice and save it automatically before mode change. And, player displays MP3 Play/≠ message on the LCD momentarily and displays file information (track number & title) on the LCD. [MP3 music play stand by status.

(REC →HOLD)

(HOLD →PLAY)

(2SEC)

It enables to obtain MP3 or Voice files from PC or transfer stored MP3 or Voice file of the player to PC.

1. Please connect the player and your PC correctly before downloading MP3 or Voice files from PC. (Please see page 18.)
2. Start down loader program. (Please see page 18.)

When you connect USB cable to player, "USB MODE" message will be displayed on the LCD. At this time, all current situation is terminated automatically and player do not operate in any case of button pressing. Only file managing (up/down loading file) is allowed.

(USB Cable Connect)

(PC Download)

(PC Voice file upload)

(USB Cable Disconnect)
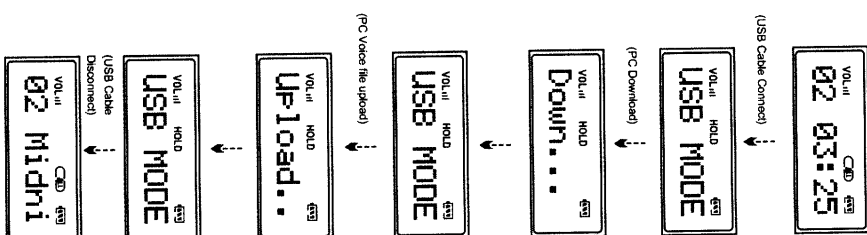
* . When you connect USB cable player is always power on status.

After finishing up/down loading, please disconnect USB cable from player. At this time, player becomes stand by status with current setting.