DIGITAL AUDIO PLAYER

User's Guide
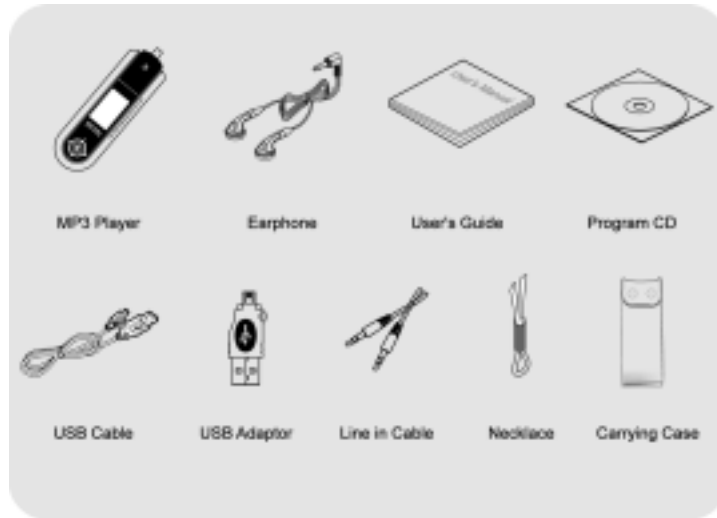
EZMAX
http://www.ezmax.co.kr

Table of Contents

1

1. Product & Accessories

MP3 Player	Earphone	User's Guide	Program CD

USB Cable	USB Adaptor	Line in Cable	Necklace	Carrying Case

!NOTE: Accessories are subject to change without prior notice for further improvement of the product performance and quality.

1 2. PC System Requirements

The followings are the basic requirements of the PC to use the MP3 Player. Please carefully read and confirm the requirements.

- ■ Pentium 200MHZ or above

- ■ Windows 98SE / ME / 2000 / XP
  (Windows 98 – Install Driver)

- ■ Mac OS 9.0 / 10.0

- ■ USB (Universal Serial Bus) Port

- ■ CD-ROM Drive

- ■ Hard Disc Space 20MB or above
  (Additional capacity is required
  to save the music file.)

- ■ 64MB RAM or above

> **!NOTE:** Actually available built-in memory in this player is less than the nominal capacity of the product because the FirmWare uses a part of the capacity to drive the system.

Listening to Music...
The output class of the product guarantees the best possible sound of the mid-size volume. As the high volume for a long time may damage the hearing, listen to music in moderate volume.

Do not exposure to the strong shock or vibration.
Please take good care of handling the product and accessories. Dropping on the floor or giving a shock may result in a serious damage of the product.

Storing the Product...
Avoid storing in the extreme change of temperature, high humidity and the strong magnetic field.

Cleaning the Product...
The chemical may discolor or damage the surface of the player. Use the soft cloth to gently clean the player.

!NOTE: Do not disassemble, repair or reconstruct the product.

Multi-Codec Player
Compatible with MP3, WMA and ASF (Audio) formats

Superior Sound Quality SRS (Sound Retrieval System) WOW
The introduction of the SRS allows the 3D surround effect, and the user to define its own unique sound effect. Enjoy a new variety of the 3D surround effects.

Organic EL Display
A Graphic display with blue EL4 line enhances the high-class image.

FirmWare Upgrading
Upgrade FirmWare to add/change/improve functions and performance of the Player. Always enjoy the music in the latest version of performance.

Voice Recording
The superior sound quality voice recording function allows the clear recording in the conferences and lectures.

FM Radio
Conveniently enjoy the FM radio with a variety of functions such as the manual/automatic frequency search, automatic tune to the radio station, and the station preset.

Easy Navigation
A tree configuration allows the easy search and control.

6 Preset Equalizer
You can produce your own sound quality with the 5-band User EQ and 5 recommend EQs including Normal, Classic, Pop, Rock and Jazz.

Caption the Text of the Song
The text of the song is shown in two lines on the display during the playback.

Compatible with the Removable Disk Unit
It is recognized as a removable disk unit if connecting to the PC to upload or download files without Manager program.

Direct Encoding
Use the LINE IN on the player to convert the external sound into the audio file. Also use the FM radio to convert the radio broadcasting into the audio file while listening to the FM radio.

Show My Own Sense of Logo on My Player
User can display the self-created logo on the Player..

Rechargeable battery through USB
A rechargeable battery through USB enables a user to conveniently recharge after a long enjoyment of this product.

1. Front/Rear View of the Product

Microphone

Display

Menu

Previous / Rew

Vol –

Vol +

Next / FF
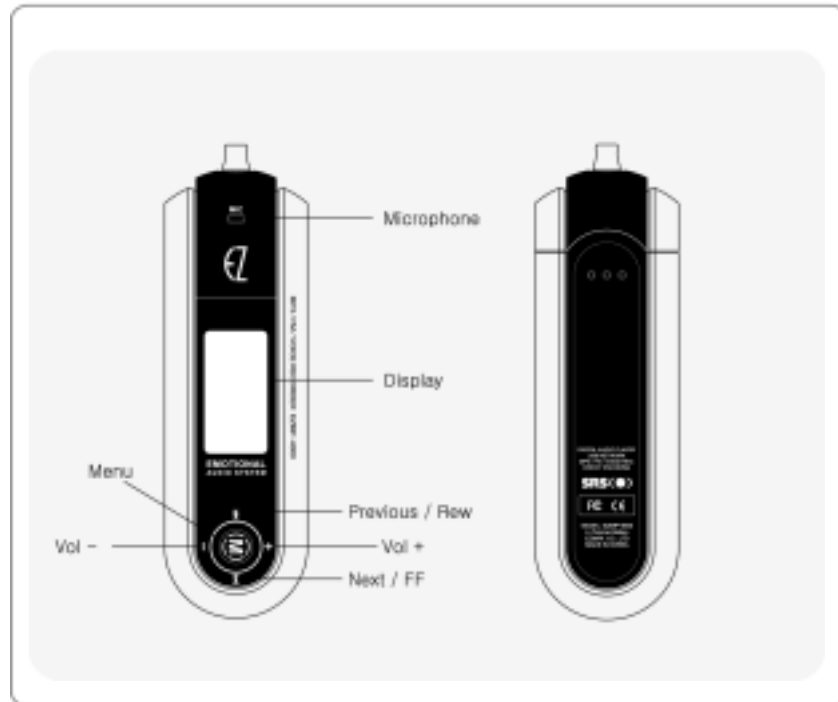
2 ⃝ 2. Side View of the Product

Necklace
Ring Hole

USB Port

Earphone

External Device

HOLD

Repeat Section
Record

Power ON/OFF
Play / Pause

3. Functional Icon of Display

Sampling Frequency
Playback
Equalizer
Repeat Section
Hold
Play / Pause
Battery Gauge
Play Mode
BIT Rate
Sound Amplitude
Total Music
Play
Time Lapsed
File Type
Dual / Single Earphone
Singer / Music Title
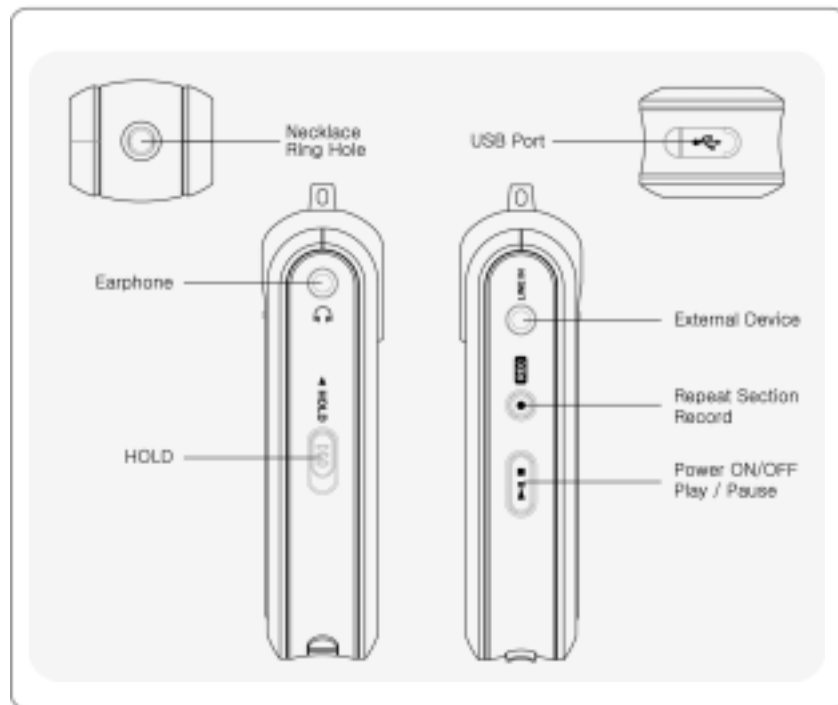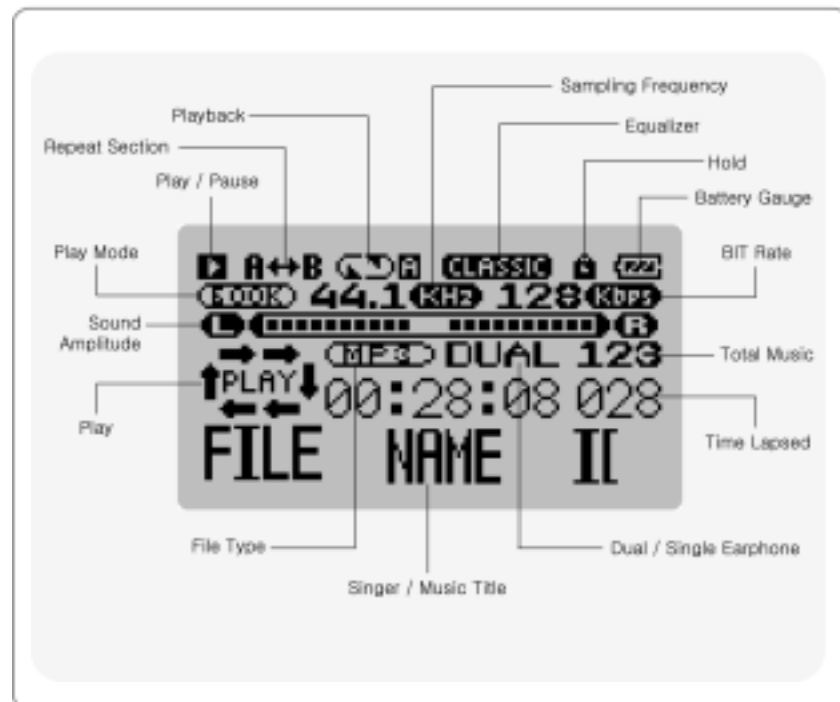
3   1. Connecting Player to PC

To download music files (MP3/WMA/ASF) from the PC, use USB cable to connect MP3 Player to the USB port of the PC.
(Make sure to only use the USB cable supplied with the MP3 Player.)

Connect 'A' (large) to the USB port of the PC.
Connect 'B' (small) to the USB port found when opening USB port plug on the Player.

2. Installing USB Driver (1)
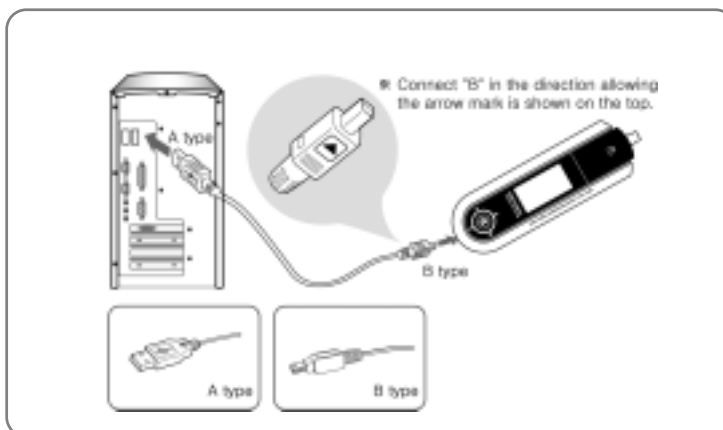
Connecting USB cable to the Player displays the following screen in the display(WAIT) on the Player.

Before install drive ➔ **After install drive**

1. Follow the instruction below for the PC of which OS is one of the Windows ME, Windows 2000 and Windows XP.

A screen appears with a message saying, "New hardware is found" on the PC as shown below. Follow the instruction to install the driver. The installation may automatically be completed without showing the installation screen depending on the PC environment.
An example here is for the **WINDOWS 2000**.

1) A message saying, "Found New Hardware" automatically appears.

11

2) The "Found New Hardware Wizard" is automatically started on the PC. Click 'Next'.

3) "Hardware Device Driver Installation" will be continued. Check in "Search for Driver suitable to Device (recommended)" to click "Next".

12

4) Select "Assigned Location" for the optional Search Location, and then click 'Next'.

5) If "Maker's File Location to Copy" is C:\Winnt\Inf or C:\Windows\Inf, click 'OK'. If the file is not in the C:\Winnt\Inf or C:\Windows\Inf, use 'Browse…' to select.
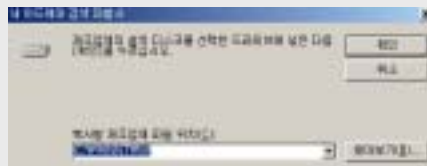
6) You will see "Drive File
Search Result". If then, click
"Next".

7) Click 'Yes' to continue the
installation of the USB
Mass Storage Device.

2. Installing USB Driver (5)

8) Click 'Finish' after completing the installation of the USB Mass Storage Device.

9) Click 'Yes' to continue the installation of the disk drive.

Click [Start] – [Setting] – [Control Panel] to open "System" icon, and then click "Hardware" – "Device Manager" tab to check if USB driver is properly installed.

!Note: The example of installing a driver above applies to a computer which adopts a removable disc for the first time. The specific installing process varies among users' PC environments. In the event of the two devices in Device Administrator or the message "READY" being shown as above, the driver has bee successfully installed. It takes some 30 ~ 60 seconds to install the driver among various PC's.

16

2. Windows 98 can't support a removable storage device. You should install our Win98 Driver to use under Windows 98.

1) Don't connect the USB cable to the player until the following is completed.

2) Insert the installation CD into the CD-ROM drive, and then execute 'install.bat' or in the folder Win98_Driver to copy the driver file to each folder.

3) Connect the USB cable to the player, and the Add New Hardware Wizard will appear to install the driver.

4) The installation of the driver will be completed as the following dialogue window appears

17

Click [Start] – [Setting] – [Control Panel] to open "System" icon, and then click "Hardware" – "Device Manager" tab to check if USB driver is properly installed.

!Note: The example of installing a driver above applies to a computer which adopts a removable disc for the first time. The specific installing process varies among users' PC environments. In the event of the two devices in Device Administrator or the message "READY" being shown as above, the driver has bee successfully installed. It takes some 20 ~ 30 seconds to install the driver among various PC's.
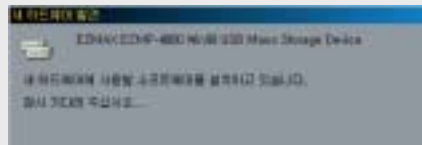

18

2. Installing USB Driver (9) - Confirmation

The installation of the USB driver is followed by connecting the USB cable of PC to the player to execute "My Computer" or "Windows Explorer", when you can see "Removable Disc" in My Computer or the message "READY" on the display of the player. If then, you can enjoy the player. If not, you should check Device Manager; in case you can't see **"EZMAX EZMP-4000 USB Device"** in Disc Drive of Device Manager and **"USB Mass Storage Device"** of USB Controller, or in case there appears a yellow exclamation mark(!) or "Unknown Device", the driver hasn't been normally installed. You should re-install it.

When re-installing the driver, delete the mark(!) or "Unknown Device" with the player connected to the USB cable. And then repeat "USB Driver Installing". When it doesn't work normally In spite of that, you can refer to our website or contact us.

19

3. Running Basic Functions (1)

As the PC recognizes the Player as a removable disk, you can easily download(& upload) or delete the music files(& folder) in the Windows Explorer without Manager program.

1. Copy File(Download)
   1) Connecting the USB cable to the Player allows the Player to be recognized as a removable disk in the Windows Explorer.
   2) Select the removable disk to access to the memory area of the Player.
   3) Run one more Windows Explorer.

   4) Select the file you want to save, and then:
        Drag & drop to the removable disk.

        Or click right mouse button to select Copy, and select the

       removable disk, and then click right mouse button to select Paste

3. Running Basic Functions (2)

5) The file is copied to the removable disk, showing a graphic of the file transfer.

2. Export File(Upload)

1) Connecting the USB cable to the Player allows the Player to be recognized as a removable disk in the Windows Explorer.

2) Select the removable disk to access to the memory area of the Player.

3) Run one more Windows Explorer.

4) Select the file you want to export from the removable disk, and then:

   Drag & drop to the disk to which you want to export.

   Or click right mouse button to select Copy, and select a folder to which you want to export, and then click right mouse button to select Paste.

3. You can add or delete a folder in the Windows Explorer.

   When downloading a music file to the player, you wait for its displayer to show the following message READY. If you remove the USB cable in the process of downloading, the file might not normally work. You should check the display(READY) to remove the USB cable.

| READY | DOWNLOAD | UPLOAD |

4. Format Player
  1) Formatting in the Windows
      Select the removable disk, and then click right mouse button to select Format (FAT).
      Click Start.

  Please note that the formatting will irrecoverably remove all contents of the Player.

  2) Formatting in the Player
    This Player is compatible with two types of formatting: FORMAT and LOW FORMAT. The general FORMAT is the same as the Windows formatting, while the LOW FORMAT removes all setting data such as the font and logo as well as the data stored in the Player. The setting data will automatically be initialized by the factory default values after formatting so that you need to newly define a font and logo.
      Lengthily press MENU button.
      Select DELETE menu.
      Press FORMAT for the general formatting while LOW FORMAT for the low formatting.

    We recommend that you do not use the LOW FORMAT other than the special occasion.

This program helps you design and use the logo that first appears when the player is turned on. When you are to change it, you should use the program to download the final logo file to the player.

I. Installing Logo Editor Program

1. Insert Installation CD into the CD-ROM drive.
2. Execut **install.exe** in the Logo_Editor directory.
3. Click Next in **Logo Editor Setup Wizard**. (Figure 1)
4. Designate the directory to install the program at in **Select Destination Directory.** (Figure 2)
5. Click Next in **Select Start Menu Folder.** (Figure 3)
6. Click Next in **Select Additional Tasks**. (Figure 4)
7. Click Install in **Ready to Install**. (Figure 2-5)
8. Click Finish in **Completing the Logo Editor Setup Wizard**. (Figure 6)

| Figure 1 | Figure 2 | Figure 3 |

23

Figure 4

Figure 5

Figure 6

II. Editing Logo

1. Setting up the logo file frame to edit.

   Select File(F) → New Picture(U). (Figure 1)

   Input the frame of the logo to edit in the "Frame Setting-up"

   window to click "OK".(Figure 2) (The number of the frames that

   can be set up is at its maximum of 60 frames, in which the size of

   pixel per frame(128x64) can't be arbitrarily changed.)

   The capacity which can accommodate the number of the frames

   appears.

Figure 1

Figure 2

24

2. Editing Logo
   Use "Tool" in the left of the Editor to design your own logo.

3. Opening Image File/Storing Image File
   - Opening Image File
     You can import the bitmap file(.bmp) to edit, and then download it to the player.
   - Storing Image File
     If you store into the disc the current logo file you're working on, you can import it later to work on it again.

4. Sending Logo File to the Player
   The procedure in which the has-been-edited logo file is sent to the player is as follows:
   Connect the player to the USB cable connected to the PC.
   Step on Execute → **Send Logo File to Player.**
   There appears "Logo File Download" as shown in Figure 1. After selecting the same removable disc as the player to click "OK".
   If the window Sending Completed as shown in Figure 2 appears, the edited logo file has been successfully sent to the player.
   While the file is being sent to the player, there appears the message " **DOWNLOAD** " on the display.
   If the player is in the status of "**DOWNLOAD**" after the PC has shown the message of Sending Completed, the file is still being sent to it. The time the file has been sent to the player is when there appears "**READY**" on the display.

25

If you turn the player on and then off with its USB cable
disconnected, a new logo will be applied to the display.

Figure 1

Figure 2

26
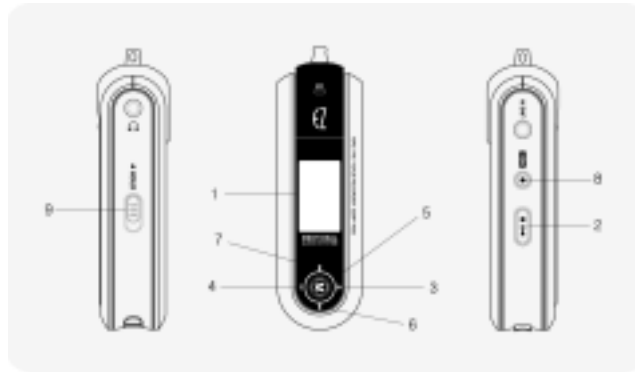
1) **Display**
  - Displays the operating status of the product.

2) **PLAY**
  - Briefly press to turn the power ON.
  - When listening to the music or the recorded file, briefly press to pause the music, and then briefly press again to resume the music.
  - When listening to the FM radio broadcasting, briefly press to save the current station to the PRESET.
  - In any mode, lengthily press to turn the power OFF.

3) **VOL +**
  - Adjustable in 0-20 steps. Press once at a time to increase the volume step by step. Keep pressing to increase the volume at a rapid rate.

4) **VOL -**
  - Press once at a time to reduce the volume step by step. Keep pressing to reduce the volume at a rapid rate.

5) **MENU**
  - Briefly press to open MODE menu.
  - Lengthily press (approx. two seconds) to open FUNCTION menu.
  - In the MENU, briefly press to set the currently selected menu while lengthily press to exit from the menu.
  - In the menu screen that requires the selection, briefly press to select the item.

6) ▶▶│
  - When listening to the music or the recorded file, briefly press to move to the next music while keep pressing to fast move within the current playback file.
  - In the MENU screen, briefly press to move to the next menu item.
  - When listening to the FM radio, briefly press to move to the next frequency while keep pressing to automatically search the next station. In the PRESET mode, briefly press to move to the next PRESET number.

7) ◄◄
 - When listening to the music or the recorded file, briefly press to move to the previous music while keep pressing to fast move within the current playback file.
 - In the MENU screen, briefly press to move to the previous menu item.
 - When listening to the FM radio, briefly press to move to the previous frequency while keep pressing to automatically search the previous station. In the PRESET mode, briefly press to move to the next PRESET number.

8) **A<-->B / REC**
 - During the playback, briefly press to specify the section 'A' and again briefly press to specify the section 'B' for the Repeat Section. And then again briefly press to cancel the Repeat Section.
 - When listening to the FM radio, lengthily press to record the radio station.
 - If the FM radio is not on and the LINE is connected, lengthily press to record through the LINE. If the LINE is not connected, press two seconds to record voice.

9) **HOLD**
 - If you set the button at HOLD, all the buttons are locked.
 - If you push a button when the player is working in its HOLD status, the message "HOLDING" appears, with the player maintaining its former status.
 - If you push a button when the player is turned off in its HOLD status, the message "HOLDING" appears, with the player maintaining its former status.

2. Power ON/OFF

Power ON

Briefly press PLAY button to turn the power ON and show the logo in the display in which the version, total memory and the available memory of the Player appear shortly after.

Power OFF

Lengthily press PLAY button to turn the power OFF while disappearing the logo.

3. Play Music (1)

The ways the player plays the stored music files include **TOTAL PLAY**, **NAVIGATION   PLAY** and **BOOKMARK PLAY.**
 Push the MENU shortly to move to the mode menu.

TOTAL PLAY   **NAVIGATION**

 Push the MENU button in the NAVIGATION menu shortly to choose
 between NAVIGATION PLAY and BOOKMARK PLAY.

(1) TOTAL PLAY
 - Push the MENU button shortly to change MODE MENU to TOTAL PLAY.
 - TOTAL PLAY plays all pieces of music stored in the memory.

(2) NAVIGATION PLAY
 - Push the MENU button shortly to change MODE MENU to
  NAVIGATION.
 - Push the MENU button again to select NAVIGATION PLAY, and you will
  see all the folders and the files.

- Use the FF/REW button to locate on the folder you want to play.
- Push the PLAY button to play the folder.

(3) BOOKMARK PLAY
  - Push the MENU button shortly to change MODE to NAVIGATION.
  - Use the FF button to move to BOOKMARK.
  - Push the MENU button to move to BOOKMARK.
  - The file set at BOOKMARK shows an icon of BOOKMARK on the left side.
 - Only the file set at BOOKMARK is played.

  How to Set File BOOKMARK

 - Use the **FF/REW** button in the **NAVIGATION PLAY** of the **NAVIGATION** menu status to move a file to which **BOOKMARK** is applied.
 - Shortly push the **REC** button once to set **BOOKMARK**, in which an icon of **BOOKMARK** is shown on the left side. Push it again to release **BOOKMARK**.
 - You can store up to 20 **BOOKMARK**s. If they are above 20, a newly set **BOOKMARK** replaces the previously 20th one.

4. Record Voice & Play

(1) When recording voice
  - Push the REC button long when the music is being played, and a vocal recording will be applied.
  - The recorded file is stored in such formats as V001.MP3 or V002.MP3 in the VOICE folder.
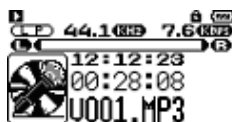
(2) When stopping recording voice
  - Push the REC button long when the voice is being recorded, a vocal recording stops to transfer to the MUSIC PLAY mode.

(3) When listening to a vocally recorded file (VOICE RECRORDING PLAY)
  - Push the MENU button shortly to move an applicable mode, and then use the FF/REW button to change RECORD PLAY to VOICE PLAY.

33

(1) When listening to FM Radio

- Push the MENU button shortly to move to an applicable mode, and then select FM RADIO LISTENING.
- If you push the FF/REW button shortly when listening to FM Radio, you can move to the next/previous frequency. If you push it long, you can search for the next/previous broadcast program. (Auto Search)

- PRESET Setting-up
  If you push the PLAY button shortly when listening to FM Radio, you can store at PRESET the broadcast program you're listening to(You can store its current frequency at an applicable number you move to after pushing the button shortly.).
- *** PRESET MODE**: This is the function in which you can find out your preferable frequency that has bee previously stored in the memory.
- If you push the REC button shortly when listening to FM Radio, the player transfers to FM PRESET, and If you push it shortly in the PRESET mode,, the player transfers to FM Radio.
- If you push the FF/REW button in the PRESET mode, the player transfers to the next/previous PRESET number to load the stored frequency.

(2) When recording FM Radio
  - Push the REC button long when listening to FM Radio, the current broadcast program is recorded.
  - The recorded file is stored in such formats as F001.MP3 or F002.MP3 in the RADIO folder.

$$108.00\,MHz$$
00:28:08
F001.MP3

(3) When stopping recording FM Radio
  - Push the REC button long when the program is being recorded, the recording stops to transfer to the FM Radio mode.

(4) When listening to the recorded broadcast program (BROADCAST RECORDING PLAY)

  - Push the MENU button shortly to move to an applicable mode, and then use the FF/REW button to change RECORD PLAY to RADIO ENC. FILE PLAY.

RECORD PLAY → RADIO ENC. FILE PLAY →

RADIO 32.0 KHz 128 KBPS
001
PLAY 00:08:08 001
F001.MP3

35

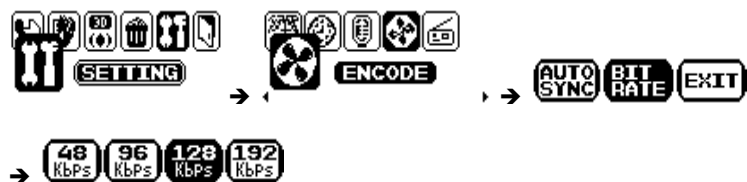## 4 6. Record from External Source & Play

(1) When recording from an external source
- Connect the player to the source from which you record as shown in the following:
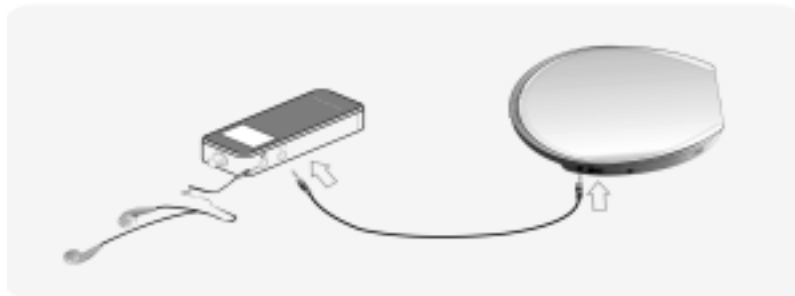
- Push the MENU button long to move to the function menu.
- Bit Rate Setting: Use the FF/REW button to step on SETTING→ ENCODE→ BITRATE, and then finally choose among 48/96/128/192kbps.

- Auto Sync. Setting: Push the MENUS button again long to move to the function menu, and then use the FF/REW button to step on SETTING→ ENCODE→ AUTO SYNC. Finally choose among ON/OFF.

➔ **ON** **OFF**   * You can see the details on Auto Sync. later.

- If you push the REC button long when the external source connected to the player plays a piece of music you want to record, you can record it.
- The recorded file is stored in such formats as L001.MP3 or L002.MP3 in the LINE folder.

(2) When stopping recording from an external source
- If you push the REC button when the player is recording from the source, it stopped to transfer to its previous mode.

*Since there happen a noise when the player is recording from the external source, you'd better not listen to FM Radio. When you record from a home audio set, you have to separately purchase the LINE IN cable since it doesn't fit. In the status where the LINE IN cable isn't connected, the recording isn't supported.

(3) Listening to the file recorded from the external source

(Ext. RECORDING PLAY)

- Push the MENU button shortly to move an applicable mode, and then use the FF/REW button to step on RECORD PLAY → LINE ENC. FILE PLAY.

5 Function Menu

Lengthily press MENU button to open FUNCTION menu.
 Each menu has sub-menus. In the sub-menu, press MENU button for
 lengthily to move to the previous menu.
 The configuration of the functional menu is as follows :

PLAYBACK

EQUALIZER

3D EFFECT

DELETE

SETTING

EXIT

39

A function to select the playback mode

|	
NORMAL	Playing all pieces once in order.
INTRO	Playing the first ten seconds of each piece in order for all pieces in the memory.
REPEAT ONE	Repeating one piece.
REPEAT ALL	Repeating all pieces in order.
SHUFFLE	Repeating all pieces in no order.

40

2. EQUALIZER

A function to select the sound adjustment mode during the playback
Each menu has sub-menus. In the sub-menu, lengthily press MENU button to move to the higher menu.

NORMAL   CLASSIC   POP

ROCK   JAZZ   USER

Press MENU button for two seconds to open FUNCTION menu.
Use ◄◄ button to select EQUALIZER, and then select one of six menus above.

In the USER menu, you can adjust the sound in 9 steps for each frequency within 5 frequency ranges.
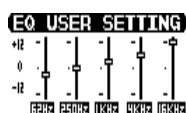
Use ◄◄ ►► button to move on the horizontal axis, while use VOL- and VOL+ button to move on the vertical axis.

The selected item is shown in the Main Menu screen.

41

3. 3D EFFECT

SRS-WOW is a general designation of the 3-dimensional virtual sound effect developed by the SRS Lab, which consists of SRS, TruBass, FOCUS and WOW.

SRS(●) is a trademark of the SRS Labs, Inc.

WOW technology is incorporated under license of the SRS Labs, Inc.

NOR NORMAL	The player is played without 3D EFFECT
SRS SRS	Enjoy the 3-dimensional sound effect.
WOW WOW	Enjoy the WOW function.
TRU TRUBASS	Improve the bass sound to make spectacular sound.
USR USER	You can change each level of SRS, TruBass and FOCUS. The level is graded from 1 to 10.

Adjust the set value of the SRS. Use ►►I button to adjust in 0-10 steps. The higher value gives the stronger effect.

Adjust the set value of the TruBass. Use ►►I button to adjust in 0-10 steps.

Adjust the definition of the sound in 0-10 steps.

If you select the kind of earphone/speaker you're hearing, you can enjoy a quality sound suitable form the device.

!NOTE: USER is a function that allows the user to adjust the each level of the SRS, TruBass and WOW.

4. DELETE

This is a function where a file within a memory is deleted.
Note that, once it has been deleted, you can't recover it.

NAVIGATION

Select a file or a folder you want to delete.
- Use the FF/REW button to move to a folder or a file you want to delete.
- Push the PLAY button shortly. **DELETE?** **NO**
- Use the FF/REW button to change NO to YES.
- Push the MENU button shortly to delete.

BOOKMARK

You can delete only a file set at BOOKMARK.

FORMAT

You can delete all the files in the player.
- Use the MENU button shortly to execute "FORMAT".
FORMAT? **NO**
- Use the FF/REW button to change NO to YES.
- Push the MENU button shortly to format.

44

You can delete all the files including the fond and logo used in the player. When they are deleted, download them again. You'd better use this function, only if necessary.
- Push the MENU button shortly to execute "LOW LEVEL FORMAT". **LOW FORMAT?** **NO**
- Use the FF/REW button to change NO to YES.
- Push the MENU button shortly to begin formatting.

* How to Download the Font
 1. Connect the player to the PC.
 2. Download the font file to the player.
 3. Separate the player from the PC, and there will appear the window FONT UPGRADE WRITE. The completion of upgrading will show an initial status.

(1) Scrolling Speed

Adjust the speed of scrolling the file name or the ID3 TAG information during the playback. Use ⏮ ⏭ button to adjust the speed in 10 steps, and then use MENU button to select. The higher the step is, the faster the speed is.

(2) DISPLAY Time

Select the time the display is turned off after pushing the final button. Select one of the pictures. If you are to do EVER, always turn the display on.

(3) CONTRAST

Adjust the brightness (contrast) of the Display. Use ⏮ ⏭ button to adjust the brightness in 10 steps, and then use MENU button to select. The higher the step is, the brighter the contrast is.

(4) DEFAULT VOLUME

You can adjust the volume with this setting. If the volume at which the player was set is larger than the one set currently, the booting will begin as the set default volume. If not so, the volume set last will be applied.
You can properly adjust the volume wit the ◄◄ ►►◄ button , and select with the MENU button.

(5) DUAL EARPHONE

You can simultaneously enjoy music with 2 set of earphones. In the case of setting the DUAL MODE, insert the other set of earphone in the LINE-IN jack.
When listening to FA radio, the Dual Phone function isn't supported.

(6) POWER OFF TIME

This is to set up the function where, If you don't push a button with a specified period when the player is set at Pause, the time in which the play is automatically turned off is set up.

47

(7) SLEEP TIME

This is a function where the player is automatically turned after it is played for a specified period. Using the ◄◄ ►► button, you can set the time which you want, and then confirm that with the menu button.

(8) VOICE REC. BIT RATE

You can adjust the bit rate when recording voice.
If you set it low, you can record for a long time while the quality of sound comes to be low, and vice versa.

(9) ENCODE

This is a function where you can set the bit rate and Auto Sync On/Off when recording form an external source.

AUTO SYNC **BIT RATE** **EXIT** ➜ **AUTO SYNC** **ON** **OFF**

Automatically sorting all pieces externally
inputted to record in a separate file.

AUTO SYNC **BIT RATE** **EXIT** ➜ **AUTO SYNC** **ON** **OFF**

Recording all pieces externally inputted in a file
until STOP button is pressed.

AUTO SYNC **BIT RATE** **EXIT** ➜ **48 KbPs** **96 KbPs** **128 KbPs** **192 KbPs**

Adjusting the bit rate of the voice recording file according to your
need (longer hours or higher sound quality). Low bit rate reduces
the file volume but lowers the sound quality while high bit rate
improves the sound quality but increases the file volume to
shorten the recording time.

Select one of 48, 96, 128 and 192kbps.

(10) FM BAND

USA **EUROP** **JAPAN**
87.5MHz ~ 108.0MHz

Select one of the KOREA-USA BAND, EUROPE BAND and JAPAN BAND to set the frequency range of the FM radio station.

(11) LANGUAGE

한국어 中國語 簡體 中國語 繁體 日本語 ENGL -ISH

Select the local language of the country.

(12) DEFAULT

DEFAULT

You can initialize all set values with the factory default values.
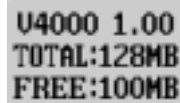
6   **UPGRADE (1)**

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1. FIRMWARE Upgrade

    You can upgrade the FirmWare to add/change the function and improve the performance of the Player. The FirmWare is an OS to drive the Player. How to upgrade FirmWare is as follows:

More than two scales of the battery gauge shall be available before upgrading the FirmWare.

Replace the battery less than two scales of the battery gauge before upgrading.

(1) Confirm the FirmWare version (V4000 1.00) of the Player, which appears on the display as shown below when turning the power ON.

```
V4000 1.00
TOTAL:128MB
FREE:100MB
```

  In this example, **V4000** indicates the model name and **1.00** indicates the FirmWare version (Ex. 1.01, 1.02, etc.).

(2) Visit the company website (www.ezmax.co.kr) to check if there is an upgraded version available for the Player (Model No. EZMP-4000). If yes, download and save in the disk.
    Please note that upgrading the FirmWare with a version for the different model No. causes a serious failure.

(3) Use the USB cable to connect the Player with the PC, and open a Windows Explorer to access to the "Removable disk".

51

(4) Copy the downloaded firmware file to the removable disc.
(The way of UPGRADE is the same as the music file is downloaded.
Only when there appears the message "**READY**" on the display
after downloading, the downloading has been normally completed.)

(5) If separating the player from the PC, there appears the following
on the display to upgrade the firmware.
Don't turn the player off during the upgrading.

```
FIRMWARE UPGRADE          FIRMWARE UPGRADE
   <WRITING>              [▪▪▪▪▪▪   ] 50%
                →
```

2. FONT UPGRADE
Font refers to format letters in which below the name of a recording
file, **ID3 TAG** information or a text of music is shown below the
display when the music or the recording file is played.
If you can't see a letter below the display or you have worked on LOW
LEVEL FORMAT, you should upgrade the fond file.

- Use the USB cable to connect the player to the PC, and then open
the Windows Explorer to move to "**Removable Disc"**.
- Copy to the Removable Disc the IWFONT.IWF file in the FONT folder
of the installation CD.
Separate the player from the PC, when there will appear the
message "FONT UPGRADING" on the display for font upgrading.

52

1. Built-in Battery Recharge

(1) Recharging through the USB cable.
 - The connection of the USB cable to PC and the player would lead to an automatic recharge whether the player is working or not.
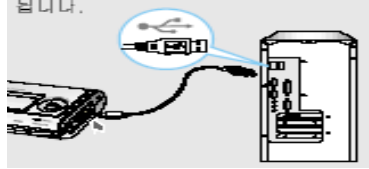
(2) Recharging through the USB - AC adapter.
 - Use the USB – AC adapter to connect the player to the USB connector of the adapter, which is plugged in.
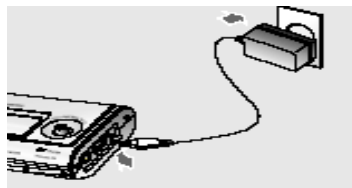
 * The USB-AC adapter can be separately bought.
 * The recharging is possible when the player is turned off.
 * The recharging time is about 3 ~ 4 hours.
   (fully discharged/on a basis of Stop)

2. How to Set HOLD

Use this function to prevent the misoperation by other buttons and an unnecessary battery burnout caused by the misoperation during the operation of the Player.

How to Set HOLD

Push the HOLD switch located on the rear side of the Player towards the Arrow mark. In the display, "HOLDING!!" is blinking for 1-2 seconds and 🔒 appears to set the lock.

How to Cancel HOLD

Push the HOLD switch in opposite direction to the Arrow mark. 🔒 disappears in the display to cancel the lock.

3. Trouble Shooting (1)

If the product fails, please first check the followings.

Power is not turning on.

· Check if the battery is properly inserted with correct polarity.
· Battery may be dead. Replace the battery.
· Check if HOLD is set in the Player.
(Move the switch in opposite direction to the Arrow mark to cancel the HOLD.)

Unrecognizable characters are shown in the display.

· Check if the language is properly set in the LANGUAGE menu.

Radio station makes noise "boooo~" or "Ssaaaa~" and the reception is bad.

· Change the direction of the Player and earphone.
  Please turn the power of the electric appliances OFF near the Player. If the noise is reduced, use the Player away from the electric appliances.
· As an earphone plays the role of an antenna when listening to the radio station, no earphone may cause the poor reception.

55

No sound or noise is heard during the playback.

· Check if the music file is stored in the memory.
· Check if earphone is properly plugged in.
  Or check if its terminal is contaminated by the foreign substance.
· Check if the volume is set to "0".
· Damaged data makes noise or breaks off the sound in the MP3 and
  WMA files. Replace it with other file to check if the data is damaged.

Cannot download files.

· Check if the USB cable is properly connected between the Player
  and PC.
· Check if the USB driver is properly installed.
· Check if the memory is sufficient.

Buttons are locked.

· Check if is on HOLD.

4. Product Specification

Memory		Built-in Memory 128MB/256MB/512MB
DISPLAY		128x64 OLED Type Blue Color Backlight
MP3 Encoding		MPEG 1/2/2.5 Layer3
Compatible File Format		MPEG 1/2/2.5 Layer3, WMA, ASF (Audio only)
Compatible File Bit Rate		8 Kbps ~ 320 Kbps (WMA/ASF: 32 ~ 192 Kbps)
Audio	Frequency	20 Hz ~ 20 KHz
	Headphone Output	5 mW + 5 mW (16 ohm)
	S/N Ratio	> 85 dB
FM Radio	FM Frequency	87.5 MHz ~ 108 MHz 76.0MHz ~ 108MHz(JAPAN only)
	Headphone Output	5 mW + 5 mW (16 ohm)
	S/N Ratio	> 55 dB
	Antenna	Earphone Antenna
Language		Multi-Language
USB		USB 1.1(5 Mbps)
Maximum Playback Time		Approx. 13 hours (Company standard)
Distortion Rate		< 0.1%
Size		28.0(W) x 21.6(L) x 89.0(H) mm
Battery		LI-Polymer rechargeable battery
Weight		30g

- The specification and exterior of the product are subject to change without prior notice for further improvement of the performance.

57

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.   These limits are designed to provide reasonable protection against harmful interference in a residential installation.   This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.   However, there is no guarantee that interference will not occur in a particular installation.   If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment 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.

58

7

Warning : Your are cautioned that any change or modifications to the equipment not expressly approved by the party responsible for compliance could void your authority to operate such equipment.

NOTE: This unit was tested with shielded cables on the peripheral device . Shield cables must be used with the unit to insure compliance.