



mobibLU

User Manual



DHH-100-5 **HDD MP3 player**

MP3/WMA DIGITAL AUDIO PLAYER
BUILT-IN STEREO SPEAKERS
PLUG & PLAY USB HARD DRIVE
MMC/SD CARD SLOT
DIRECT MP3 ENCODER
DIGITAL VOICE RECORDER
FIRMWARE UPGRADEABLE



Table of Contents

On Products

Cautions For Safety	1
Product Features	5
Specifications	7
Accessories	8
Names of Each Part	10
Minimum Requirements for PC	12

Getting Started

Using AC Adapter	13
On Power	15
USB Connection & Disconnection	16

Basics of How to Operate

LCD Display	20
Simple Key Operations	21
Power On/Off	23
Resetting	25
Changing Modes	26
Navigation (Folder Search during the Playback)	27
Enjoying EQs	29
Card Copy	30
Locking	31

Listening Music

Listening Music	33
Selecting Music	34
Setting Section Repeats	36
Changing Play Modes	37

Table of Contents

Recording

Voice Recording	38
Music Recording	41

Setting Menus

Setting Menus	45
---------------------	----

Remocon(Optional)

Using LCD Remocon(Optional)	59
-----------------------------------	----

About Programs

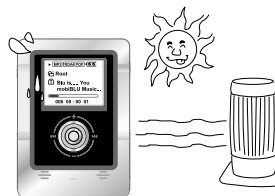
Installing a driver	62
File Uploads & Downloads	65
Formatting Files	67

Customer Support

All These Things Are Normal	69
Warranty Services	70
FCC RF INTERFERENCE STATEMENT	71

Cautions For Safety

* For proper use of the player, be sure to keep the following directions to avoid danger or physical damage.



Don't expose the player to a direct ray of light or hot spots like a stove if possible. (The player can be damaged by heat conductivity causing to set a fire.)



Don't expose the player to dusty and humid places if possible. (The player can be damaged.)



Don't drop or give a severe shock to the player. (This may cause a direct damage.)



Don't touch or connect the player to other devices with wet hands. (If the player is connected to a power source, you could get an electric shock.)

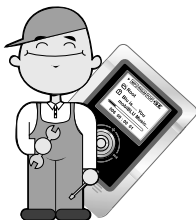
Cautions For Safety



Don't use headphones while driving cars or riding bikes or motorcycles.



As chemicals or rinsing detergents can change or peel the surface off of the player, don't use them.



If the player is out of order, call our customer services, but never try to disassemble, repair or rebuild it.



Listening to music long time with high volume may cause a hearing sense disorder.

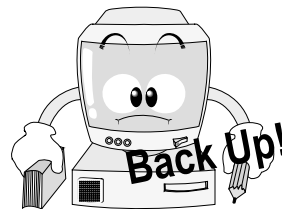
Cautions For Safety



When carrying the player and a battery in your pocket, do not put metals like coins or keys together in it. (This may cause to set a fire because of the friction between the metals and the battery)



Distributing music files to other people without permission is a violation of a copyright law.

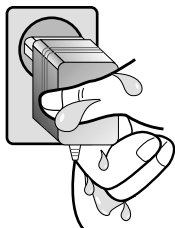


We shall not be liable for the losses of data in the player by users' carelessness. (Be sure to back up important data)

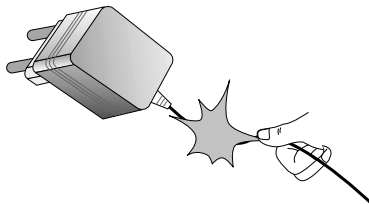


Earphones should have a long strap. When you wear headphones, the strap should be positioned behind your neck.

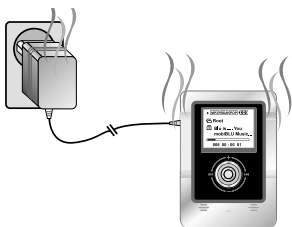
Cautions For Safety



Don't touch the AC adapter with wet hands. You could get an electric shock if the internal or external parts of the adapter are exposed to water.



Do not bend or pull the cable of the AC adapter. It may set a fire or give an electric shock if it's damaged.



When charging the battery with using the AC adapter, unplug it from the outlet if there is anything wrong with the adapter such as smells, smoke and noises.



Do not put magnets or magnetic materials near the player. (It may cause malfunction)

Product Features



Sensible & Comfortable Design

With a combination of highly sensible black color and chrome, luxuriousness design is even more upgraded, and ease of use is highly considered.



Large Capacity HDD Type Jukebox

You won't have any problem in carrying the player with you because of the handy size of 80 X 56 X 22.4 (mm). Moreover the HDD Type Jukebox MP3 Player can download music files more than 1,000 songs.



Mass Storage

Connected to a computer, it's recognized as a Jukebox in "Windows Explorer," enabling you to upload and download files easily.



Card Copy

This is a very comfortable function, enabling you to transfer data stored in memory cards such as SD and MMC for a Digital Camera and MP3 Players, by inserting it directly to the card slot of the player, instead of connecting it to a PC.



Multi-Codec for Various Digital Files

With a support of the Multi-Codec, MP3 files and WMA files can be played.



Excellent Output of the Built-in Stereo Speakers

You not only can listen to music with the built-in speakers of the player, but also listen to the music through the external outputs. Now enjoy your music with a strong output and high quality sound through the stereo speakers.

Product Features



OS Firmware Upgradeable

By upgrading OS firmware, users will get the most recent OS updates through the Internet, giving them additional functions and file format support.



User-Centered EQ

It provides 5 basic EQs (Normal, Rock, Jazz, Classic, and Pop) and 10 user defined EQ, so that users can adjust high quality of music by setting the right preference of quality users want.



Fast Transmission Speed

Thanks to the support of the USB 2.0 interface, the maximum speed of the file transmission is 480Mbps.



Voice Recording

With a high-sensitive built-in microphone, it can be used as professional voice recorder having versatile functions.



Music Recording

Without having to connect to any PCs, you can directly save and record data to the player as digital files in real-time while enjoying, CDs and music or contents in an audiocassette tape, so this is a must-have for students and workmen who not only want to enjoy music but also need a repeat function for studying TOEIC and TOEFL and practicing Conversational Skills Recording.

Specifications

Classification	Items	Specifications
Audio	Frequency Characteristics	20Hz ~ 20KHz
	Output	Max. Volume .15mW (16 Ω) (Headphones) Max. Volume 300mW (8 Ω) (Speakers)
	S/N Ratio	90 dB
File Support	File Types	MP3, WMA
	Bit Rate	MP3:16~320Kbps, WMA:32~160Kbps
USB	Download speed	480Mbps
Recording Time		360 Hours for 5 GB. Voice Recording with Recording Mode of 32Kbps
Max. Playback Time		Approximately 10 Hours
Operation Temperatures		-5 °C~70 °C
Dimensions (W x L x H)		80 ×56 ×22.4 (mm)
Weight (including batteries)		100g
Batteries (Built-in)		4.2V Li-Polymer

Accessories



High-Quality Carrying Case

A high-quality carrying case protecting the player from external shocks is provided.



USB Cable

Fast file transfer with PC



Earphones

Bundled with high quality earphones, you can enjoy even more powerful sound.



Direct Encoding Cable

When you directly encode sounds, you can use this cable to connect this player with an external audio.



Manual

A detailed explanation of how to use the player is provided for new users of digital audio players.



Installation CD

For users whose operating system is Windows 98 SE that does not support a mass storage function, install this program before connecting the player with your PC.

Accessories



AC Adapter

With the use of the rechargeable batteries powered by the AC Adapter, you can use the player more comfortable and longer than before.

[Options]

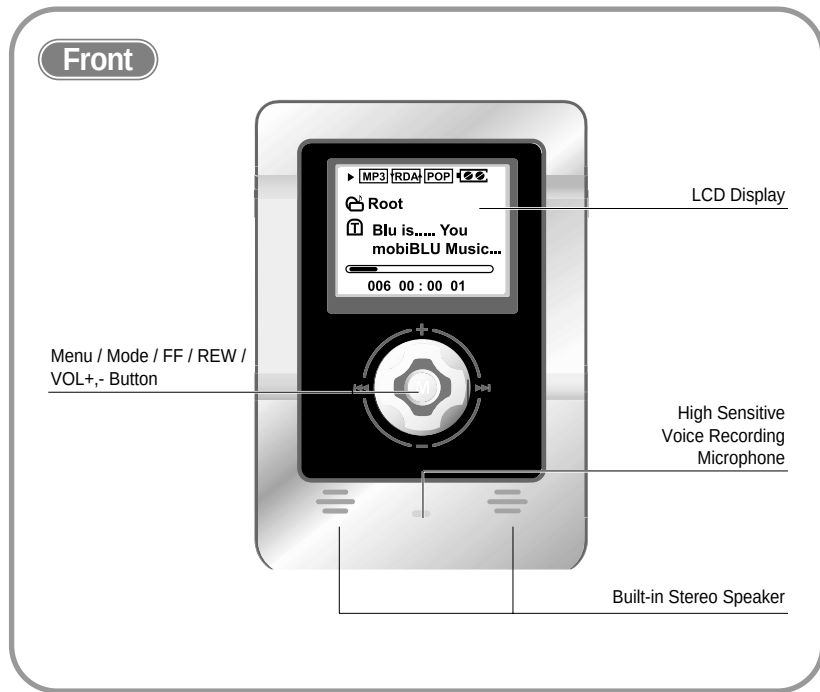


LCD Graphic Remocon

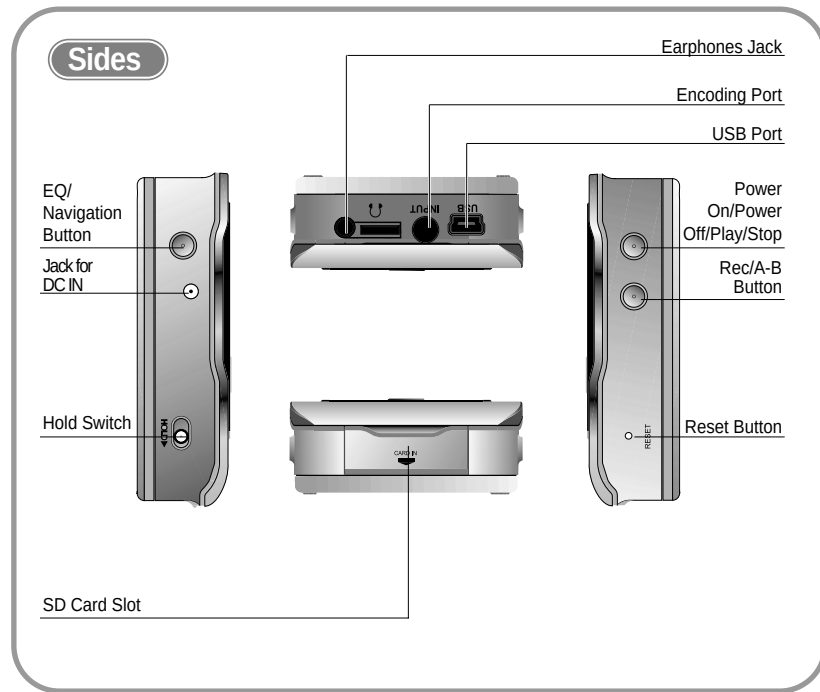


DC Adapter for Car Charge

Names of Each Part



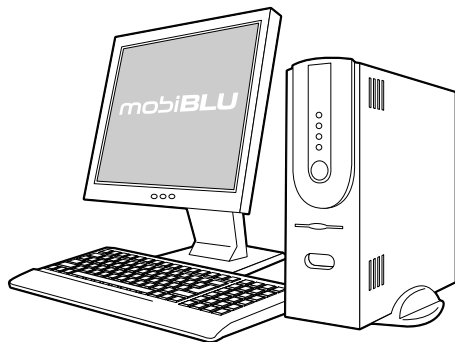
Names of Each Part



Minimum Requirements for PC

The minimum requirements for PC to use the player are as follows;

- Microsoft OS (Windows 98 SE, 2000, ME, and XP)
- CD-ROM Drive
- Pentium 200MHz or higher
- More than 32 MB of RAM (64 MB or more for Windows ME or 2000).
- More than 128MB of Hard Disk Space
(Additional Disk Space is needed for storing music files)
- USB Port (Ver. 2.0) Available
- Mac 9.X ~ X



Using AC Adapter

Using AC Adapter

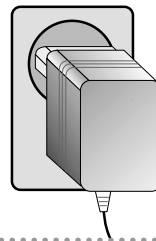
- 1 Connect the AC Adapter to DC IN jack.

Caution

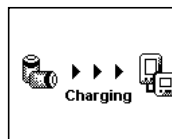
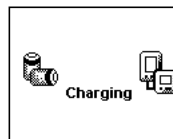
Under the state of HOLD, do not charge the battery.



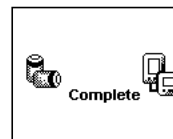
- 2 Connect the plug of the AC Adapter to the outlet.



- 3 During the charging, LCD screen displays the following:



- 4 When completed, LCD displays the following:



Using AC Adapter



For Your Reference!!

- It takes up to 3 hours to fully charge a completely exhausted battery.
- You can recharge the battery if the player is connected to PC with a USB cable.
(Under the state of HOLD, do not charge the battery)
- It may take more time if you charge the battery with files played.
- When the player is connected to the AC Adapter of the player with the power on, the icon of the battery () will appear.
- When the battery is completely discharged, the LCD displays "Low Battery."
- When charging the battery using the adapter, unplug it from the outlet if there is anything wrong with the adapters such as smells, smoke and noises. It may set to a fire or give an electric shock.
- When connecting the adapter, don't touch it with wet hands.

On Power

Remaining Power Display

- ① The display of battery residue capacity can vary at the beginning of the operation. It will be stabilized after 5 to 6 seconds displaying the real amount of battery residue.

 →  →  (Based on the battery included)
(Full) (Medium) (Low)

※ For the cases below, charge the battery with an AC Adapter.

- ① LCD displays "Low Battery."
- ② The player does not respond to the buttoning or stops immediately.
- ③ LCD does not respond to the buttoning.

Distinction	MP3 Playback
Lithium-Polymer Battery	10 Hrs. (700mA)

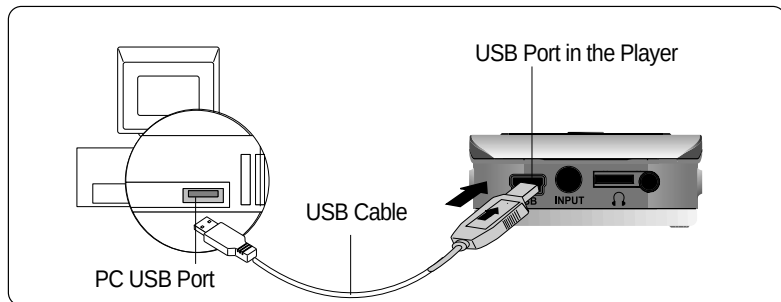
1. Consecutive Playback Time

- Lithium-Polymer Battery: 10 Hrs.
- MP3 128 Kbps
- Volume Level: 15
- The above result is measured using lithium-polymer batteries included in the product and is subject to change according to the conditions of use

USB Connection & Disconnection

Connecting Player to PC Using USB Cable

Like the following picture, connect one end of the USB cable at the back of your PC and connect the other end of the cable to the USB port of the player.



For Your Reference!!

- During the HOLD state, connecting the Player to PC using the USB cable may not work properly. In that case, make sure to release the HOLD switch and try to connect the Player to PC.
- To use it efficiently, connect the USB cable directly to the USB port located at the back of PC. Connecting it to the USB port at the front of the PC or USB hub may cause a connection failure.
- For windows 98 users, make sure to install the program before connecting the USB Cable.

USB Connection & Disconnection

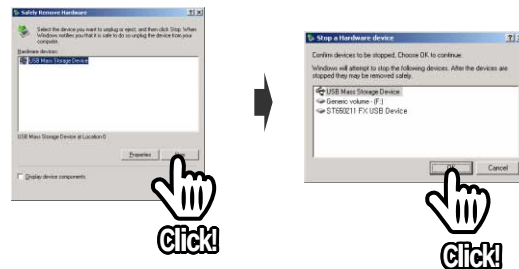
For Windows ME, 2000, and XP Users

- You have to close the Jukebox window and remove the hardware in the order below.

- 1 To disconnect the player from the USB cable, double click the green arrow at the right bottom right of your Windows screen.



- 2 Select the "USB Mass Storage Device" and select "Stop." Click "OK."



USB Connection & Disconnection

3 After you see the message "Safely Remove Hardware", click "OK" and remove the cable.



USB Connection & Disconnection

For Windows 98 Users

To disconnect the player from the USB cable, click the green arrow at the right bottom right of your Windows screen.

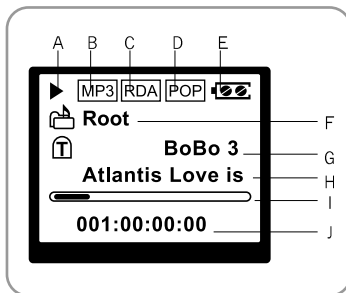


For Your Reference!!

- If you disconnect the cable without following the instructions above, you will see a warning message and it may cause a serious failure to PC or the player.
- Disconnecting a USB cable from PC while downloading, uploading, formatting, and OS updating may cause a serious failure to PC or the player.

LCD Display

Connecting Player to PC By Using USB Cable



A: Status of Files (Play/Pause/Stop)

B: Format of the Playing Files

C: Playing Modes

D: Equalizer

E: Remaining Battery

F: Folder Name

G: ID 3 Tag

H: File Names

I: Play Position

J: Track Number, Elapsed Time

Simple Key Operations

Music Playback Mode

Button	Time Pressed	Stop State	Play State
 PLAY/PAUSE		Plays a current song.	Pauses a current song.
		Power Off	Power Off
 FF		Moves to the next track.	Moves to the next song.
		Successive forward track search.	Fast forward search from the current position.
 REW		Moves back to the previous track.	Within 5 sec. after play: Moves back to the previous song. 5 sec. after play: Plays the song at the beginning of it.
		Successive backward track search.	Fast backward search from the current position.
 MENU		Selects menus.	Selects menus.
		Selects modes. (MUSIC<->VOICE<-LINE)	Selects modes. (MUSIC<->VOICE<-LINE)
 REC/A-B			Section Repeat: A <-> B/Cancel.
		Waits for voice/music recording.	Changes play modes. (Normal ⇨ Repeat ⇨ Repeat All ⇨ Random ⇨ Random All)

Simple Key Operations

Button	Time Pressed	Stop State	Play State
 EQ			Change of EQs (Normal⇒Rock⇒Jazz⇒Classic⇒ Pop⇒User EQ1~10)
		Executes navigation.	Executes navigation.
 VOL+		Volume 1 level up.	Turns the volume up 1 level.
		Volume up successively.	Turns the volume up successively.
 VOL-		Volume 1 level down.	Turns the volume down 1 level.
		Volume down successively.	Turns the volume down successively.

Music/Voice Recording Mode

Button	Time Pressed	REC Ready State	Recording State
 Rec		Voice Record/Music Record starts.	Voice Record/Music Record stops.
 MENU		Selects modes (MUSIC<=>VOICE<=>LINE)	

Power On/Off

Power On

Pressing the Play (⏮) button once and long will turn on the power with the following LCD screen.



For Your Reference!!

- Under the state of HOLD, HOLD screen is displayed but the power is not turned on.
- When the battery is completely discharged, the message “Low Battery” is displayed but the power is not turned on.

Power On/Off

Power Off

Pressing the Play (⏮) button once and long will turn off the power with the following LCD screen.



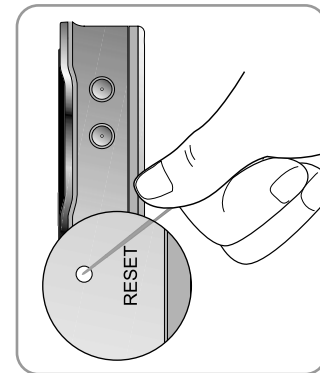
For Your Reference!!

- Under the state of Pause or Stop, if no further operation is made and the time for "Auto Power Off" exceeds designated time, then the power will be turned off automatically.
- After turning off the power, if the user presses the Play (⏮) button long, then playback will begin at the very position of the latest song played. In this case, all the settings such as track numbers and equalizer are completely restored. (Seconds-Based Resume Function)

Basics of How to Operate

Resetting

- 1 If the player malfunctions such as stopping or operating abnormally, push the reset button with a pointed thing.
- 2 After power is turned off, pressing the Play (⏮) button long will turn the power on.



Basics of How to Operate



For Your Reference!!

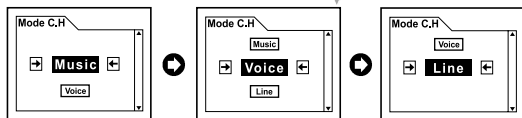
- Pressing the reset button with a pointed thing pin too deep will cause a damage to the player.
- Reset will not erase or delete the music songs. Reset is use to restart the MP3 player if the player malfunctions.

Changing Modes

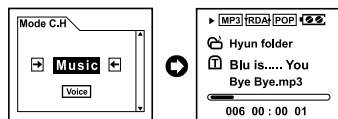
There are 3 modes; MUSIC, VOICE, LINE

1 Press the (⏻) button on the front long.

2 Move to the mode you want by pressing the (⏻) button on the front to the direction of either VOL+ or VOL- (⏻).



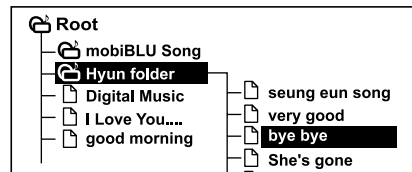
3 After the movement, if you press the (⏻) button on the front, you will enter the mode.



Navigation (Folder Search during the Playback)

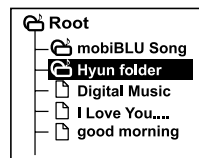
Example:

In case of playing a file "Bye Bye."

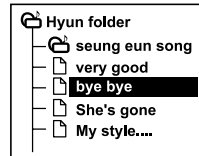


1 Press EQ (⏻) button long to enter the navigation mode.

2 By pressing the (⏻) button on the front to the direction of VOL+ / VOL- (⏻), you can search folders and files.

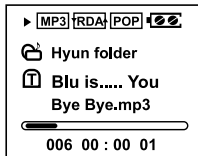


3 Push the (⏻) button on the front to the direction of FF (⏻) to move to sub folders.



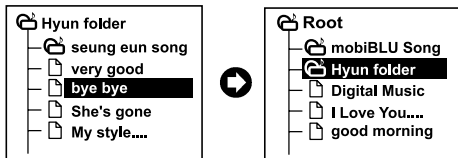
Navigation (Folder Search during the Playback)

- 4 After selecting the music file or a folder, press the (⏮) button on the front to play them.



Moving to a higher folder

- Push the (⏮) button on the front to the direction of REW to move to the main folder.

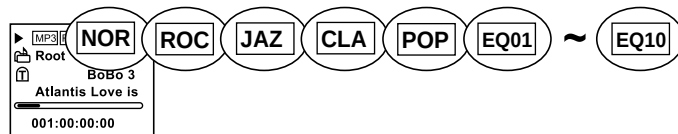


For Your Reference!!

- Press the EQ (⦿) button briefly will exit from the navigation mode.

Enjoying EQs

During the play mode, pressing the EQ (⦿) button briefly will change the Equalizer to Normal ⇒ Rock ⇒ Jazz ⇒ Classic ⇒ Pop ⇒ User EQ 1 ~ User EQ10 in order



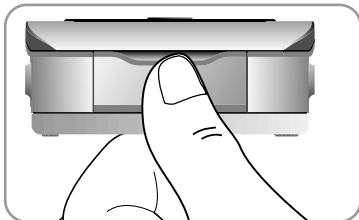
For Your Reference!!

- ※ User EQ editing that fits to the taste of the user can be done by entering the menu mode.

Card Copy

- It's the function that enables a user to copy data stored in SD and MMC memory cards to the player.
- Card Copy performed only in the Stop State mode.

- 1** Open the cover of the "CARD IN" at the bottom of the player.

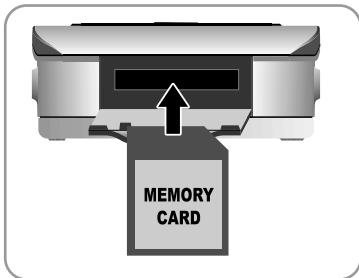


- 2** Insert the memory cards such as SD and MMC into the CARD IN.



For Your Reference!!

Make sure to insert the card in the correct direction.



Card Copy

- 3** Enter the menu and select Card Copy "Yes," then the Card Copy will be performed.



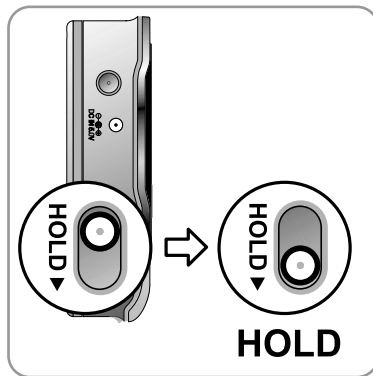
For Your Reference!!

- It may take awhile to perform the Card Copy.
- If the storage to copy the data is not sufficient, data transfer may fail.
- Despite the selection of the Card Copy "Yes," Card Copy may not be performed if no card is inserted.
- Data copied by "Card Copy" to HDD will be saved into the folder called CARD.

Locking

Locking

- 1 Pushing the HOLD switch at the side of the player downward will lock the player.

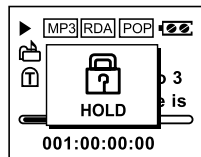


- 2 If an operation is made under the state of HOLD, the followings will be displayed for 2-3 seconds and disappear.



For Your Reference!!

Under the state of HOLD, no buttons will work.
Under the state of HOLD, no power will be turned on.
(Only HOLD screen will be displayed and disappear)



Listening Music

Playing/Pausing/Stopping Music

- If the Play (⏮) button of the player is pressed under the state of Stop or Pause, files will be played with (▶) on the LCD screen.
- If the Play (⏮) button of the player is pressed during the state of Play, files will be paused showing (⏮) on the LCD screen.
- If the Play (⏮) button of the player is pressed under the state of Pause, the player will stop showing (■) on the LCD screen.

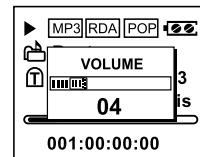
Controlling Volume

- Pushing the (⏮) button on the front of the player to the direction of VOL+ / VOL- (⏮) will adjust the volume with the following LCD display.



For Your Reference!!

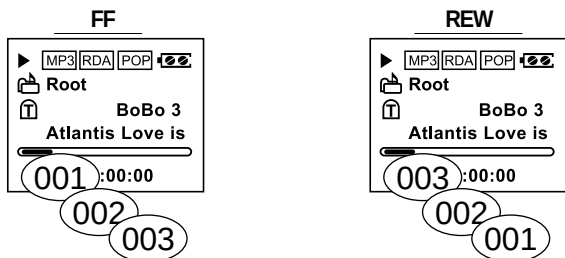
The Volume display will disappear after 2~3 seconds



Selecting Music

Moving Playing Files

- Move files by pushing the () button on the front to the direction of FF/REW () under the state of Stop, Pause and Playback.



Pushing the () button on the front briefly to the direction of FF () will move the player to the next track and REW () will moves back to the previous track.



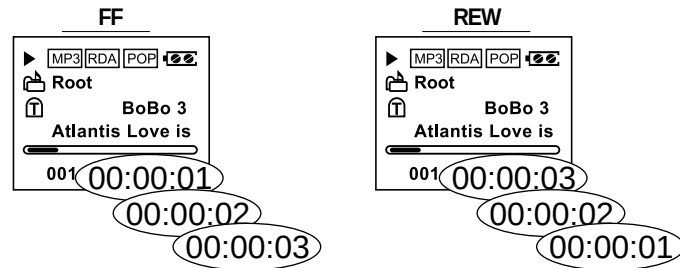
For Your Reference!!

Pushing the buttons long under the state of Stop and Pause will lead to the fast movement.

Selecting Music

Navigation During Playback

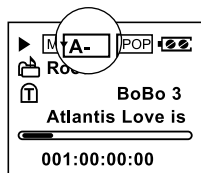
- During the play mode, pushing the () button on the front long to either FF/REW () will let the player do a fast search the current song forward and backward.



Setting Section Repeats

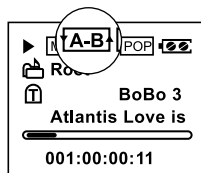
1 REPEAT A

During the play mode, press the REC (Ⓢ) button briefly at the starting point of the section repeat.



2 REPEAT B

Pressing the REC (Ⓢ) button once again briefly at the end of the section repeat will activate the section repeat and the interval will be repeatedly played.



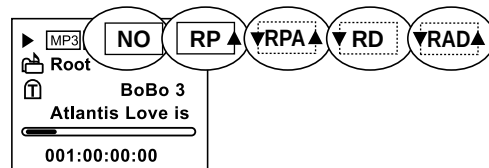
For Your Reference!!

If you don't specify the ending point of the section repeat, the end of the file will be the ending point automatically.

3 To cancel the section repeat, press the REC (Ⓢ) button briefly.

Changing Play Modes

- If you press the REC (Ⓢ) button long during the playback, the modes change in the order of Normal, Repeat, Repeat All, Random, and Random All.



NO Normal: Plays music files once in order.

RP Repeat: Plays a specified song repeatedly.

RPA Repeat All: Plays all the files repeatedly in order.

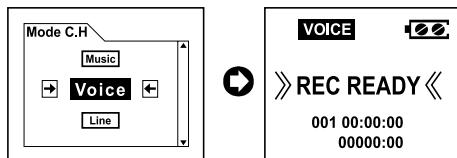
RD Random: Regardless of the order of the songs, they will be played randomly and stop automatically after playing the entire songs once.

RAD Random All: Like Random, files are played continuously without stop.

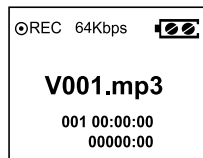
Voice Recording

Voice Recording

- 1 Press the () button on the front long.
- 2 Pushing the () button on the front to VOL+/VOL- () will lead you to the "VOICE" menu. Now press the () button on the front to enter the "VOICE" mode.

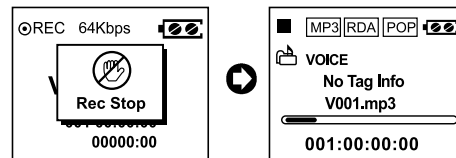


- 3 Pressing the REC () button briefly under "REC READY" will start the recording



Voice Recording

- 4 If you press the REC () button again, the recording will stop with the following LCD display.



For Your Reference!!

- After the voice recording, files will be saved as MP3 files into a Voice folder and will be seen as V001.MP3.
- During the VOICE recording, you can select the quality of the recording by adjusting the bit rates.
- If the voice recording reaches to the status of "Memory Full," the recording will stop automatically and only the files recorded just before the stop will be saved.
- The quality of the recording will be subject to the sensitivity or distance of the sound source.
- If the power is low, recording will not be performed properly.
- The player may make some sound due to the characteristics of the built-in hard disk during the voice recording.

Voice Recording

Playing & Stopping Voice Recorded Files

- Under the state of Pause/Stop, press the Play (⏮) button to play the voice recorded file.
- Under the state of play mode, press the Play (⏮) button to pause the voice recorded file.



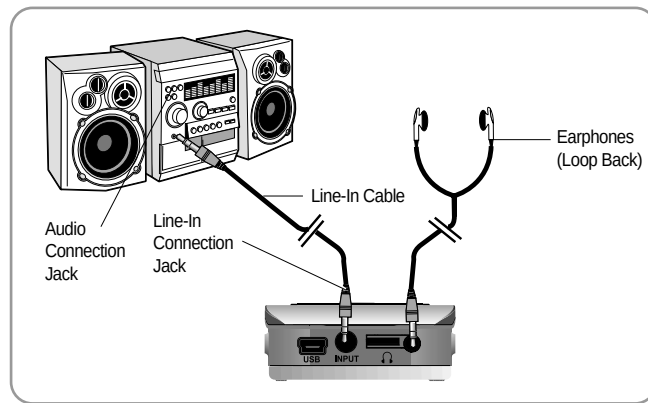
For Your Reference!!

After voice recording, pressing the REC (Ⓜ) button long, under the state of Stop, will make the player REC READY, enabling continuous voice recording.

Music Recording

Music Recording

- 1 Like the picture below, connect the LINE IN cable to both the player and a jack of the audio headphones (LINE OUT) that you want to record.



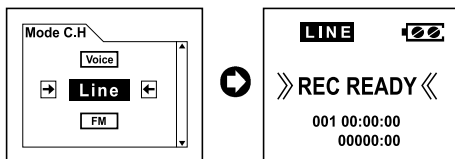
For Your Reference!!

- By connecting external devices to the player, analog sound can be converted to digital sound and recorded and played.
- Recorded things can be heard through earphones. (Loop Back)

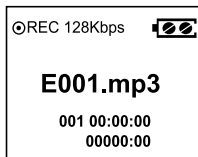
Music Recording

2 Press the (⏻) button on the front long.

3 After moving to the “Line” menu by pushing the (⏻) button on the front to VOL+/VOL- (⏻), pressing the (⏻) button on the front will lead you to the “LINE” mode.

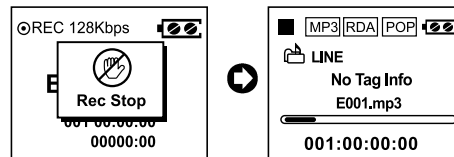


4 In “REC READY” press the REC (⏻) button once and it will start to record the music.



Music Recording

5 Pressing the REC (⏻) button again briefly will stop the recording with the following LCD display.



For Your Reference!!

- After the music recording, they are stored as MP3 files into the LINE folder, named as E001.MP3, E002.MP3, etc.
- During the recording under the menu of LINE, you can adjust the sound quality with the use of bit rate.
- If the recording reaches to the status of “Memory Full,” the music recording will stop automatically and only the files recorded immediately before the stop will be saved.
- If the power is low, recording will not be performed properly.

Music Recording

Playing & Stopping Music Recording

- If you press the Play (⏮) button under the state of Stop/Pause, recorded files will be played.
- If you press the Play (⏮) button during the play mode, playing of the recorded music files will stop.



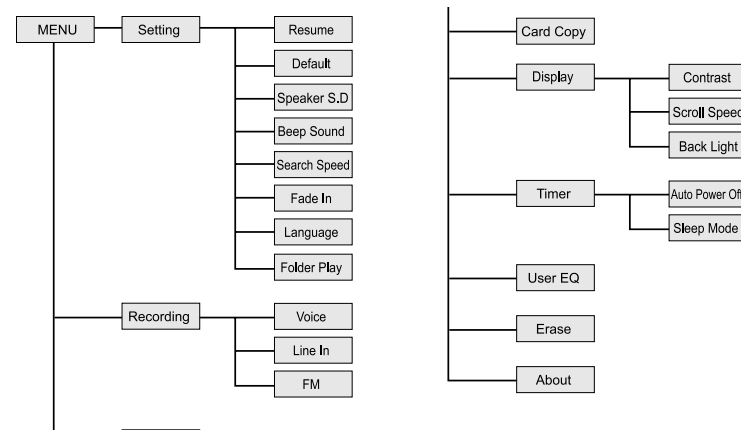
For Your Reference!!

After recording the music, under the state of Stop, press the REC (⏮) button long, then the player will be in a state of LINE-IN REC READY. This enables the player to record music continuously.

Setting Menus

Menu Map

These are the menus of the player. Please refer to this before use.



Main Menu	Sub Menu	Setting Menu
8 Main Menus.	Each main menu contains sub-menus and setting menus.	

Setting Menus

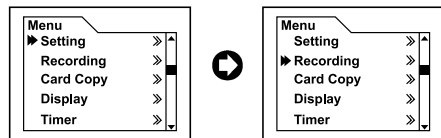
Basics of How to Use the Menu

1 Entering Into Menu

Press the (⏻) button on the front briefly.

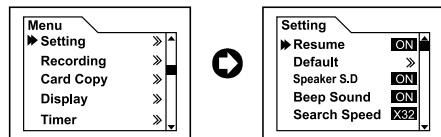
2 Searching Menus

Search the menu by pushing the (⏻) button on the front to VOL+/VOL- (⏻).



3 Entering into Sub-Menus & Setting Menus

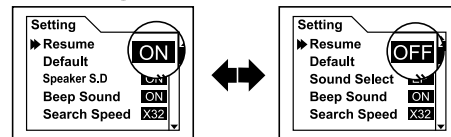
Enter the sub-menus by pushing the (⏻) button on the front to FF (⏻).



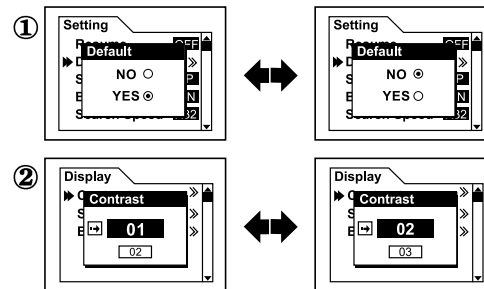
Setting Menus

4 Changing and Saving Setting Values

1) Press the (⏻) button on the front briefly.



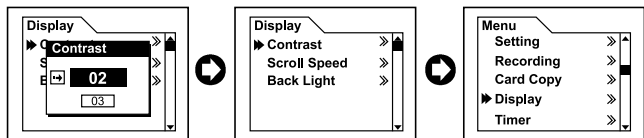
2) Set the value by pushing the (⏻) button on the front to VOL+/VOL- (⏻) and press the (⏻) button on the front briefly.



Setting Menus

5 Returning to the Main Menu (Main Menu, Sub-Menus)

Return to the main menu by pushing the () button on the front to REW ().

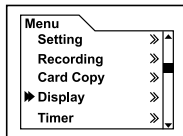


Example

Suppose that the user set the value of Display Contrast as 5.

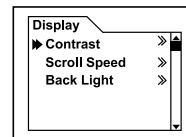
1 Press the () button on the front briefly.

2 Select "Display" by pushing the () button on the front to VOL+/- ().



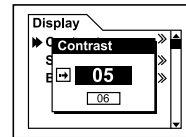
Setting Menus

3 Enter into the sub-menus (Contrast, Scroll Speed, Back Light) by pushing the () button on the front to FF ().

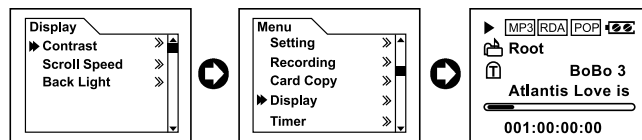


4 After selecting "Contrast," push the () button on the front to FF ().

5 Select the value 5 by pushing the () button on the front to VOL+/- (), and press the () button on the front to save it



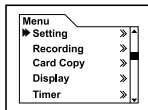
6 Return to the main menu by pushing the () button on the front to REW ().



Setting Menus

Setting

From the main menu, select the "Setting" to enter into the menu that you want.

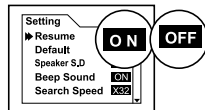


Resume

When you turn off the player and turn it on later, the player will resume back the EQ and play list of the last music you listened to the same status.

ON : This restores all the previous information before it was turned off.

OFF : Values set by users will not be saved.



For Your Reference!!

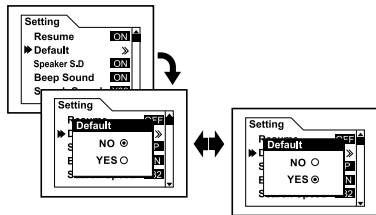
- If the volume was in the range of 0 to 10 when you turned off the player, the volume level will be 10.
- If the volume was in the range of 25 to 30 when you turned off the player, the volume level will be 25.

Default

This initializes all the functions set and saved.

NO : This saves the information that users set.

YES : This initializes all the information.



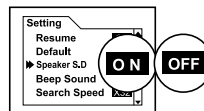
Setting Menus

Speaker S.D

This allows the user to select the stereo speaker on or off.

ON : Users can listen to music through both earphones and stereo speakers.

OFF : Only through the earphones can the user listen to music.

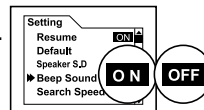


Beep Sound

This enables the beep sound on or off when operating buttons.

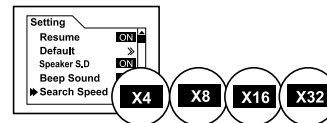
ON : If selected, there will be beep sound upon the button operation.

OFF : If selected, there will be no beep sound upon the button operation.



Search Speed

Users can select the speed of the Fast Search.
(X4, X8, X16, and X32)

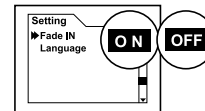


Fade In

Music will be played with volumes increased gradually.

ON : Volume will be increased by stages.

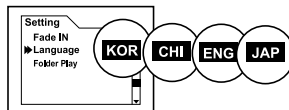
OFF : Volume will become increased at once.



Setting Menus

Language

- KOR** : This sets the tag as KOR if made in Korean Windows OS.
CHI : This sets the tag as CHI if made in Chinese Windows OS.
ENG : This sets the tag as ENG if made in English Windows OS.
JAP : This sets the tag as JAP if it was made in Japanese Windows OS.



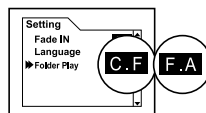
For Your Reference!!

Those that are composed of Unicode such as Song titles and folders are displayed normal, regardless of the setting values, but you should set the language of the tag since it's not made of Unicode.

Folder Play

This function allows the user to select to play music files in a current folder or the entire folder according to the play mode.

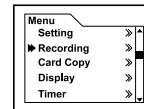
- C.F** : This plays a music file in a current folder according to the play mode (Normal, Repeat, Repeat All, Random, Random All).
F.A : This plays a music file in the entire folder according to the play mode (Normal, Repeat, Repeat All, Random, Random All).



Setting Menus

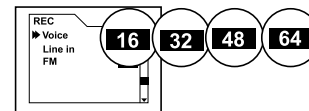
Recording

From the main menu, enter the sub-menus by selecting "Recording".



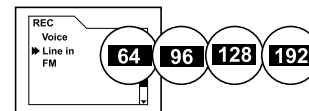
Voice

When recording voices, users can set the bit rates to 16 / 32 / 48 / 64 Kbps.



Line In

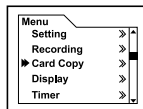
When recording music, users can set the bit rates to 64 / 96 / 128 / 192 Kbps.



Setting Menus

Card Copy

Select "Card Copy" from the main menu to enter the menu.

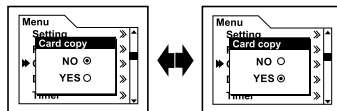


Card Copy

Select "Card Copy" from the main menu to enter the menu you want.

This is the function which copies the data stored in SD and MMC Memory Cards to the player.

- YES** ☒ : Data stored in memory cards (SD, MMC) will be moved to the player.
- NO** ☐ : Data stored in memory cards (SD, MMC) will not be moved to the player.



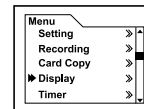
For Your Reference!!

- To do the "Card Copy," you should insert the memory cards to "CARD IN."
- It may take a while for "Card Copy."
- During the Card Copy, data transfer may fail due to the shortage of the HDD space.
- Although you set the value of the "Card Copy" to "Yes", the Card Copy will not be done if the memory card is not inserted.
- Only under the state of Stop will the Card Copy be performed.
- Data copied by "Card Copy" to HDD will be saved into the folder called CARD.

Setting Menus

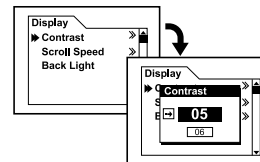
Display

Select "Display" from the main menu to enter the menu.



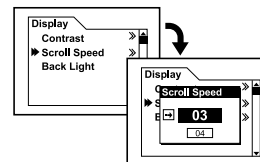
Contrast

This is to adjust the brightness of the LCD display from 1 to 10.



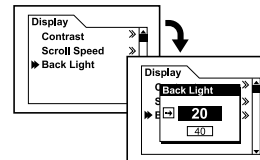
Scroll Speed

This is to adjust the speed of the files scrolling on the LCD display from 1 to 5.



Backlight Time

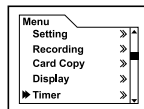
This is to adjust the time of backlight duration on the LCD display. (Disable, 5/10/15/20/30 Sec)



Setting Menus

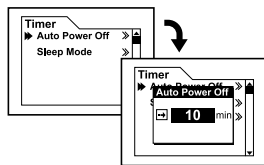
Timer

Select the "Timer" from the main menu to enter it.



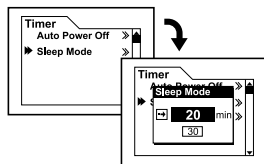
Auto Power Off

Under the state of Pause/Stop, power will be turned off automatically if no button operation is made for more than the designated time (Disable/30 sec/1/2/5/10 min).



Sleep Mode

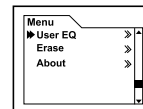
Under the state of Pause/Stop/Play, if the user set the "Sleep Mode" (Disable/10/20/30/60 min), then the power will be turned off after the designated time.



Setting Menus

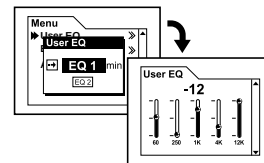
User EQ

- Select "User EQ" from the main menu to enter the menu.
- Users can edit the User EQ fitting for their tastes.

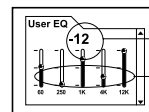


User EQ

Select User EQ No. to set and press the (⏸) button on the front, then you will see the EQ edit display.



※ Editing EQs



Setting Values of Audible Frequencies

Values of Audible Frequencies (Band)

Moving Bands (5-Band)

To move the band, push the (⏸) button on the front to the direction of either FF or REW (⏮).

Adjusting Frequency

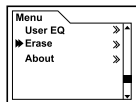
To change a setting value, push the (⏸) button on the front to the direction of VOL+/VOL- (⏮). There are 25 stages (-12 ~ +12).

Setting Menus

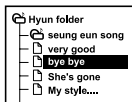
Erase

User can erase files manually.

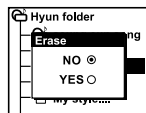
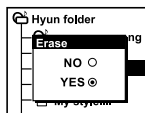
1 Select "Erase" from the main menu.



2 Select the file to erase.



3 Select "Yes" or "No."



YES : Users can delete the files by entering the navigation mode.

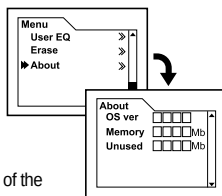
NO : The player does not erase files.

About

Select "About" from the main menu to enter into the menu.

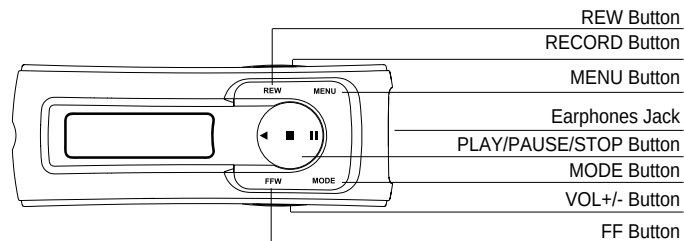
- This shows the information such as OS version, entire memories, and available memories of the player.

※ Only available memories will be displayed except the built-in OS memories of the player.



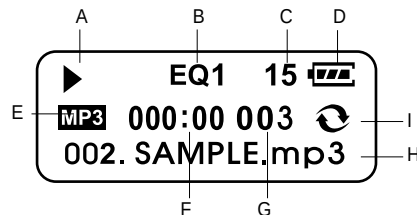
Using LCD Remocon (Optional)

Names of Each Part



LCD Display

• Music Mode Display



- A. Current Status of PLAY, STOP, and PAUSE
- B. Equalizer
- C. Volume
- D. Remaining Battery
- E. File Types
- F. Elapsed Time
- G. Order of File Playing
- H. File Name
- I. PLAY MODE (REPEAT)

Using LCD Remocon (Optional)

Simple Key Operations for Music Play Mode

Button	Time Pressed	Stop State	Play State
PLAY/PAUSE		Plays a current song.	Pauses a current song.
		Power Off	Power Off
FF		Moves to the next track.	Moves to the next song
		Successive forward track search.	Fast forward search from the current position
REW		Moves back to the previous track.	Within 5 Sec. After play: Moves back to the previous song. 5 Sec. after play: Plays the song at the beginning of it.
		Successive backward track search.	Fast backward search from the current position

Using LCD Remocon (Optional)

Button	Time Pressed	Stop State	Play State
MENU		Selects menus	Selects menus
		Selects menus (MUSIC<->VOICE<->LINE)	Selects menus (MUSIC<->VOICE<->LINE)
REC/A-B			Section Repeat: A<->B/Cancel
		Waits for voice/music recording.	Changes play modes (Normal ⇒ Repeat ⇒ Repeat All ⇒ Random ⇒ Random All)
MODE			Change of EQs (Normal ⇒ Rock ⇒ Jazz ⇒ Classic ⇒ Pop ⇒ User EQ1-10)
		Executes navigation	Executes navigation
VOL +/-		Volume 1 level up/down	Turns the volume up/down 1 level
		Volume up/down successively	Turns the volume up/down successively

Remocon

Simple Key Operations for Music/Voice Recording Mode

Button	Time Pressed	REC Ready State	Recording State
Rec		Voice Record/Music Record starts	Voice Record/Music Record stops.
MENU		Selects modes (MUSIC<->VOICE<->LINE)	

Installing a driver



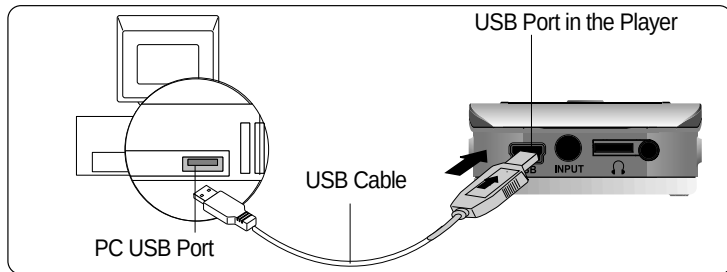
For Your Reference!!

- This player can upload and download not only music files but also various kinds of data including *.jpg, *.xls, *.hwp, etc as a portal drive.
- Without having to install a separate software installation, the player can upload and download files because of the Mass Storage system.
- When connected to PC, the  icon will be created on the task bar at the right bottom of the desktop.
- Run Windows Explorer by going to Start ⇒ Program ⇒ Window Explorer to check the appearance of “Jukebox” on it.

Windows 98SE Driver Installation

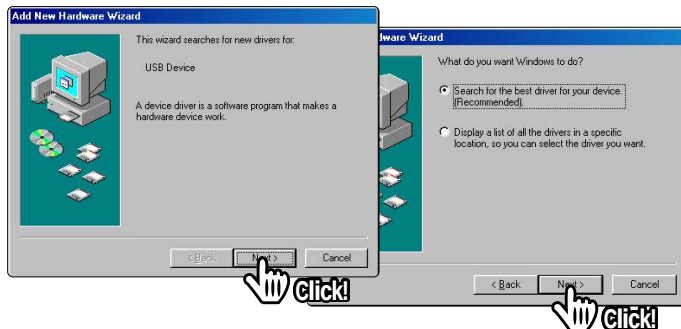
For Windows 98SE users, install a driver program as shown below before downloading or uploading files.

- 1 Connect the player to your PC using the USB cable.

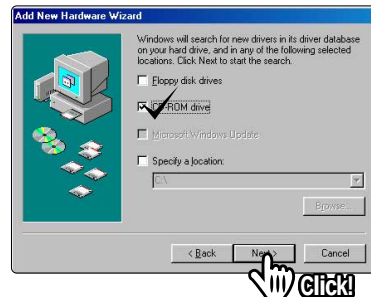


Installing a driver

- 2 If you see the following windows, then install the program in order.

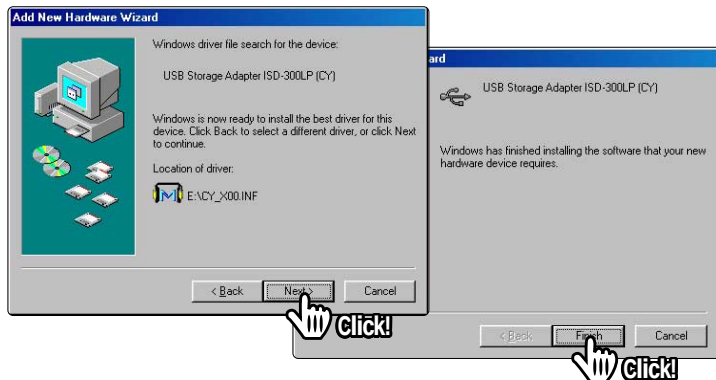


- 3 Put the CD that are provided into the CD-Rom and check the item as the right picture and then continue the installation.



Installing a driver

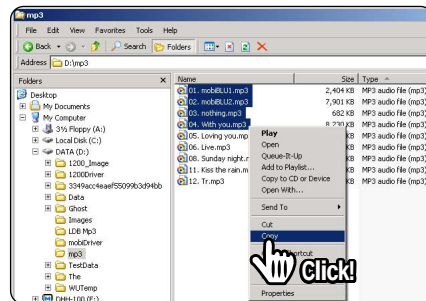
4 Install it like the pictures below.



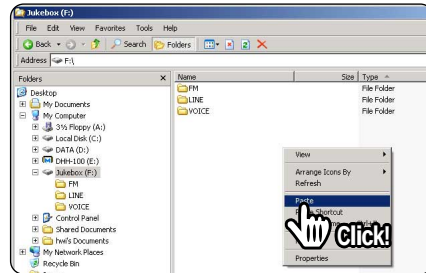
5 A driver for Windows 98SE is completed.

File Upload & Download

1 Connect the USB cable to the PC and select the file(s) to download to the player from the PC by right-clicking "Copy" from the menu.



2 Like the picture below, paste the copied files to the Jukebox by selecting "Paste" by right-clicking the mouse.

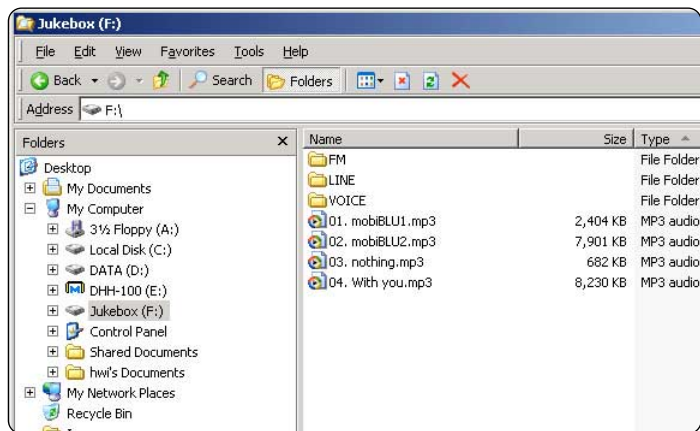


For Your Reference!!

- The player will be recognized as a "Jukebox" in the folder "My computer" under the main drive.
- Don't disconnect the USB cable during the transfer of files. Otherwise, it may cause a fatal error to either your PC or the player.

File Upload & Download

3 Like the picture below, saving the file to the player is finished.



For Your Reference!!

- During the file uploading, you can save the files in the player to the PC by following the reversed direction of the above.
- You can use Drag & Drop function of your mouse to download and upload files.

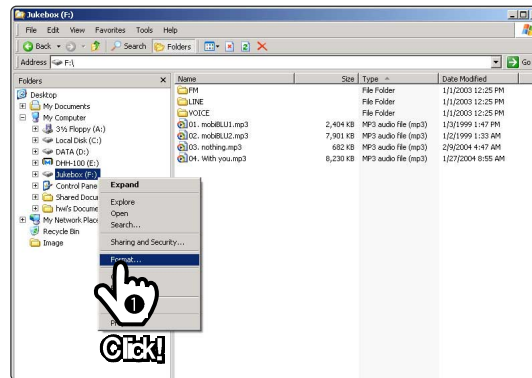
Formatting Files



For Your Reference!!

Be cautious when formatting since it will erase all the data and the data can't be restored.

1 Select the menu Format in "Windows Explorer" by right-clicking.



Formatting Files

2 When you see the format window, click "Start."

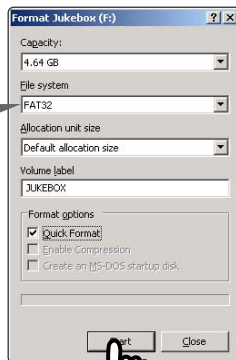
Make sure whether the file system is "FAT32."



Be very careful when formatting~



Click!



Click!

3 Format is finished.



Click!

All These Things Are Normal

Situations	Check these	Action
Buttons will not work when pressed. 	▶ Check the power is on? ▶ Is the USB cable connected to the player? ▶ Is the player locked? ▶ Earphone is not plugged in securely.	▶ Turn the power on. ▶ Disconnect the USB cable. ▶ Unlock it. ▶ Plug it in securely.
Malfunctions of the Digital Audio Players 	▶ Are the modes correctly set? ▶ Excessive Button Operations? ▶ Is the battery used up?	▶ Read the manual very carefully and try to set the modes again. ▶ Just press the necessary buttons. ▶ Recharge it with the Adapter.
Can't play the MP3 Files 	▶ Is there any song in built-in hard disk? ▶ Isn't the battery in low status?	▶ Download the songs from the hard disk. ▶ Recharge it with the adapter.
Unable to download MP3 Files	▶ Is the USB cable connected correctly?	▶ Check the status of the cable connection again, and if not connected, connect it securely.

Warranty Services

- Customers are entitled to warranty service for a period of one year from the date of purchase. Warranty service does not apply to defects resulting from customer fault or acts of God.

Non-warranty service shall apply to defects resulting from :

1. Infiltration of foreign matter, such as water, liquid, or sand.
2. Breakage due to dropping or severe impact.
3. Damage to or deformation of the outer case caused by organic solvents, such as benzene.
4. Use of parts other than those certified by the manufacturer.
5. Loss or breakage of any parts or components caused by unauthorized disassembly.
6. Repair or modification done by any persons other than manufacturer authorized personnel.
7. Acts of God, such as lightning, storm or flood.
8. Purchase from unauthorized retailers.

FCC RF INTERFERENCE STATEMENT

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 technical for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 UNDESIRE OPERATION.

WARRANTY FORM

Warranty Term: 1 year from the date of purchase Product

Model :

Date of Purchase : (month) (day) (year)

Name of purchaser : Phone Number :

Address :

Place Purchased : Phone Number :

Address :



Hyunwon Incorporated

- You need to show this Warranty Certificate with the date of purchase when requesting service, in order to receive satisfactory services. Please keep the Warranty Certificate in a safe place.

1. The warranty service on this product is provided based on the information contained in the Warranty Certificate.
2. The warranty service takes effect from the date of purchase, so please make sure you enter the date of purchase on the Warranty Certificate at the time of purchase. (If the date of purchase cannot be verified, the date 6 months from the date of manufacturing will be use instead.)
3. This Warranty Certificate is not reissued.

The exterior or dimensions are subject to change without prior notice to the customer in order to improve the product quality.