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User Manual

DAH-1000
MP3 player

MP3/WMA DIGITAL AUDIO PLAYER

PLUG & PLAY USB FLASH DRIVE

FM RADIO / FM RECORDER

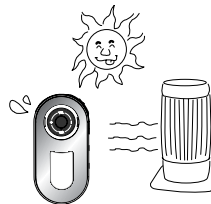
DIGITAL VOICE RECORDER

SONG LYRIC VIEWER



Safety Warnings and Cautions

* Please be aware of these safety instructions and use the product properly in order to prevent risks of injury or damages.



Avoid exposing the product to direct sunlight (High temperatures applied to the product may cause damage.)



Avoid placing the product under high moisture or dust level (It cause damage to the product.)



Avoid dropping or causing impact the product. (It may cause serious damage to the product.)

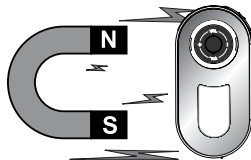


Do not touch or connect the product with wet hands or if you are in contact with water.. (This may cause electric shocks when the power is connected.)

Safety Warnings and Cautions



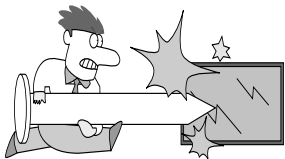
Do not use any chemical or detergent for cleaning the products as it may discolour or strip the product surface.



Keep the product away from areas where extreme vibrations or magnets exist.



Never disassemble, repair or rebuild. Contact the support department if there are faults with the product.



Do not press on the LCD panel with any sharp objects. (This may scratch or damage the product and may void the product warranty)

Special Features of the Product



Polished Simple Design



The World Best Multi-Codec Player



Quality enhancements have been made including an upgraded Graphic LCD with Negative Graphic display.



Mass Storage: You don't need the software CD anymore. Take the convenience of direct recognition by the PC using Mass Storage function by connecting only.



Firmware Upgrade: Enjoy the advantage of advanced product with the firmware upgrade function.



FM Radio: You can also listen to the FM radio anywhere in the world. Functions include auto-search and user defined pre-set frequencies.



Preset EQ & User EQ 1.2: Feel the differences using the five stages of preset sound qualities and two user-defined sound qualities: Normal → Rock → Jazz → Classic → Pop → User EQ1 → User EQ2



Use the convenient study-support function of the product with the advanced Linguistic-Repeat system.

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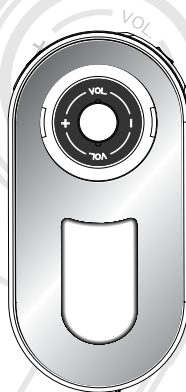
My Multiformal Digital Audio Player



Thank you for purchasing our portable digital audio player.

The product is a Multi Purpose Digital Audio Player that is easy to use and stylish in design and is complemented by a built-in FM Radio and a voice recording function. The player is equipped with 'solid state' internal memory and a display system with negative graphic LCD for even better on screen clarity. Benefiting from Plug & Play technology installation CD's are not required for most PC Users*, combined with this the unit can also be used as a mass storage device for all those 'important or not so important' files. (*Provided drivers will be required for Win98/SE users, also all users will need to use CD for future OS updates.)

Now we invite you to the new Digital Audio World!

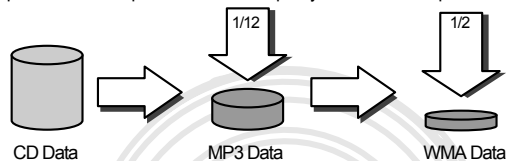


What is a Digital Audio Player?



What is a MP3 file?

MP3 stands for MPEG1-Layer3 and it uses a compression technology that converts conventional CD music data into an MP3 file format that is used on a PC, at 1/12 compression ratio. It provides near CD-quality music at 128kbps.



What is a WMA file?

It is a multimedia compression method from Microsoft. The technology specifically compresses music data from the window Media Technologies". As it provides sound quality equivalent to 128Kbps using only 64Kbps format, it takes only half as much space as MP3 file format for compressing music data.

What is a Portable Digital Audio Player?

It is a portable device that stores and plays digital audio files, which once were only playable on a PC.



Product Specifications



Category	Item	Specification
FM TUNER	FM Frequency Range	87.5MHz~108.0MHz
	Headphone output	Max. 10mW(16Ω) at max. volume
	S/N	50dB
	Antenna	Headphone/earphone cord antenna
Audio	Frequency Characteristics	20Hz ~ 20KHz
	Headphone output	Max. 10mW(16Ω) at max. volume
	S/N	90dB
File Support	File type	MP3, WMA, ADPCM
	Bit Rate	MP3: 8Kbps or higher WMA: 32Kbps or higher
USB	Download speed	4Mbps(USB Version 1.1)
Recording time		Voice recording 1040 min. (based on 256MB, when the recording MODE is 32kbps)
Max. play time		Approximately 12 hours (using 1 AAA alkaline)
Operating temp. range		-5°C~70°C
Dimensions(WxHxD)		80×40×17.2mm (3.15"×1.58"×0.7")
Weight(without battery)		35g (without battery)
LCD		Negative Graphic LCD
Battery		alkaline 1.5V AAAx1

PC System Requirements and Accessories

PC System Requirements and Accessories

- PC system requirements for the product are as follows:
- Microsoft OS (Windows 98, ME, 2000, XP)
- CD-ROM Drive
- Pentium 200MHz or higher CPU
- 32MB (64MB for Windows ME or 2000) or higher RAM
- Available hard disk space of more than 128 MB
- (Additional hard disk space is required for storing music files)
- USB port available (Rear port highly recommended)



Included Accessories



Software CD



Stereo Earphones



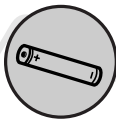
User Manual



USB cable



Neck Strap



AAA battery



Carrying Case



Remote Control
(Optional Item)

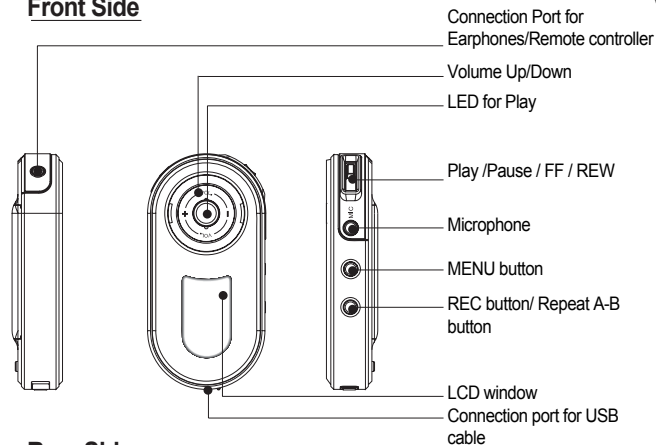


Adjustable Armband
(Optional Item)

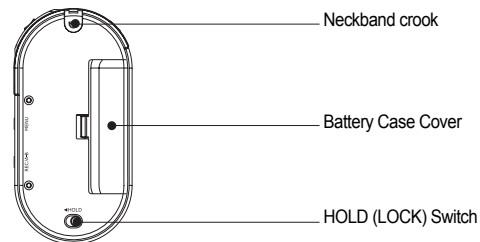
※ The optional items may not be included depending on areas and markets.

Hardware Descriptions

Front Side



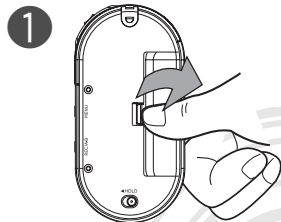
Rear Side



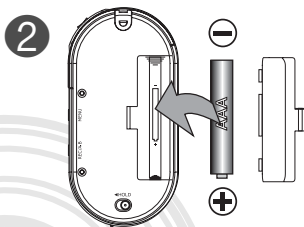
About Power Supply



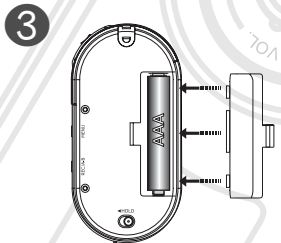
Using cylindrical AAA type batteries



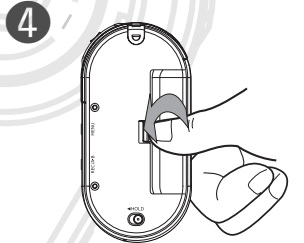
Open the battery case cover on the back by pushing the tip in the direction of arrow using a finger / fingernail.



Insert an AAA battery with correct polarity positions as shown in the picture



After fitting the cover to the groove, match the cover with the case grooves



After matching them, push the cover in the direction of the arrow to close until you hear a small 'click'.

About Power Supply



Battery Power Indicator

① At its initial start-up, the remaining battery indicator may fluctuate. After 5 or 6 seconds, the display will show the actual reading.

(Based on the inserted battery)
(Full) (Medium) (Low)

② Due to the characteristics of regular batteries, there can be situations when the product does not operate even when the battery level indicator shows above medium level. When this happens, please exchange the batteries with new ones.

(Alkaline batteries last longer than manganese batteries)

※ Exchange batteries when the following happens:

- ① The indicator displays "Low battery" sign.
- ② The player stops or does not respond to pushing buttons.
- ③ LCD light does not turn on when buttons on the main body are pushed.

Type	MP3 Play
Alkaline battery	12 hours(alkaline 1.5V AAA × 1)

1. Continuous play time

- Using One Battery: 12hours (AAA alkaline dry cell)
- MP3 128kbps - Based on Vol. User EQ Max.

2. Conditions for elapsing time

- Output: Max. 7mV(R)
- Above values were measured using commercially available alkaline batteries, and actual elapsing time depends on the type of batteries, manufacturer and its usage conditions.

Software Installation



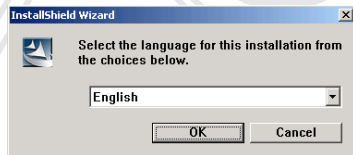
Please Note!

- Recognized as a mass storage, the player can upload and download files without a separate software installation.
- To mark your lyrics, follow the installation instructions.

※ For Windows 98SE users: install the software first before using the player. (Otherwise, the player cannot be recognized as a mass storage device on your PC.)

1 The installation will start automatically as soon as the CD is inserted, showing a pop-up screen asking you to choose languages to use. Select a language, and click [OK].

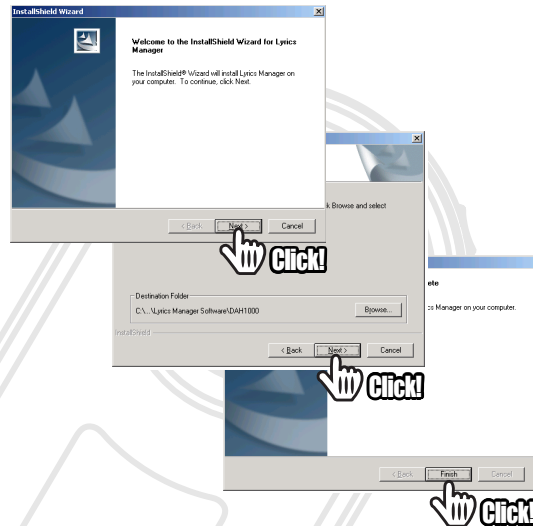
If the Setup file does not auto run, browse the setup.exe file from the CD-ROM.



Software Installation



2 Continue the installation in accordance with the following diagrams.

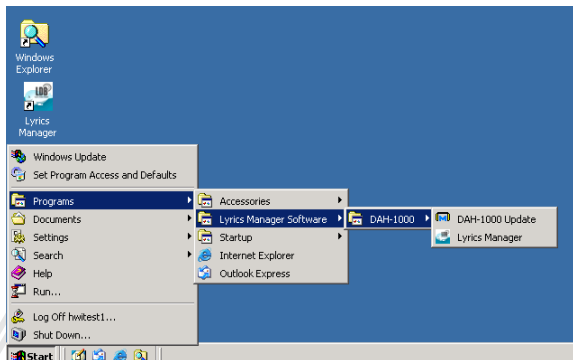


※ Reboot the system when requested by Windows.

Software Installation



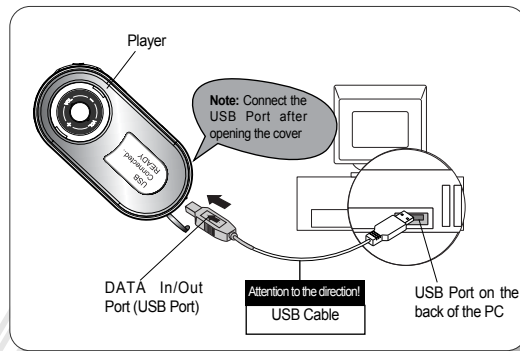
- 3** Verify if the Menu “Start → Program → HYUNWON DAH-1000 MP3 Player” has been created as in the following diagram.



Connecting the Player to a PC using a USB Cable



- 1** Connect one end of the ‘supplied’ USB cable to one of the USB ports on the back of the PC, and connect the other end to the player.



 Note : Connection Error may occur when connecting the player into the USB port or USB hub at the front of the PC.

- 2** After the USB connection has been successfully completed a green arrow icon will appear on the toolbar located at the bottom-right of the screen.



Disconnecting the USB cable from the Player

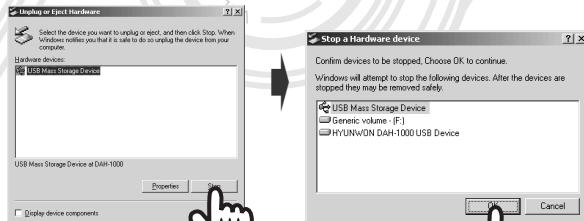


- 1 Before disconnecting the USB cable from the PC, double click on the green arrow icon on the toolbar located at the bottom right of the screen.



Double Click!

- 2 Select the 'USB High Capacity Storage Device' to be disconnected, then click on the [Stop] and [OK] buttons subsequently.



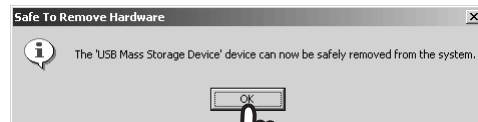
Click!

Click!

Disconnecting the USB cable from the Player



- 3 When the dialogue box "Safe Removal of the Hardware" appears, click on the [OK] button to remove the USB Cable.



Click!

Please Note!



- Fatal errors may occur in the PC or the product if you do not follow the above procedures when removing the USB cable.
- Fatal errors may occur in the PC or the product if the USB cable was removed during download/ upload/ format/ OS Update.

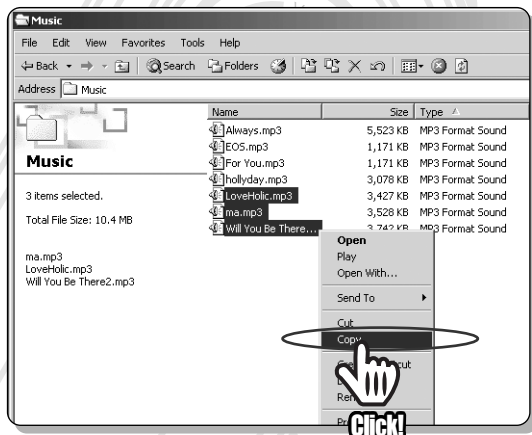
File Download/Upload



Please Note!

- ◆ As well as playing music, you may also use the product to upload/download any other data files (*.jpg, *.xls, *.doc,...) to/from the PC as a portable disk.

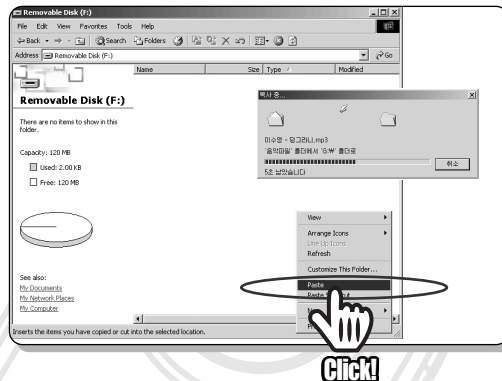
- 1 Connect the product to the PC using the USB cable and select the files you would like to transfer to the unit then click the right button on your mouse and select 'Copy' from the list of options.



File Download/Upload



- 2 Now select the device as your new directory and then using the right button of the mouse click on the 'Paste' to paste the file(s) to the portable disk as depicted below.



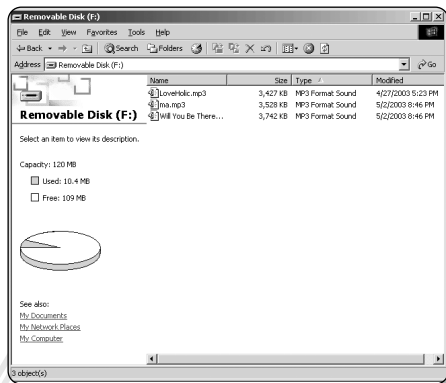
Note!

- The product is recognized as a portable disk and is located in "My Computer" window.
- DO NOT remove the USB Cable during file transfer If so, fatal errors may occur with your PC or the player.

File Download/Upload



3 File copy has now been completed as shown below.



Please Note!

- To upload and save the file to the PC the same method is used, just select the player as the source drive.
- Drag & drop the file using a mouse when downloading/uploading a file.

OS Update & Format



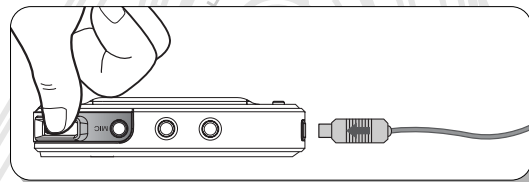
Please Note!

- ◆ Install the program on the PC before updating the OS. (See page 8)

1 Download the OS for the player from the CD to the PC.

Recovery Mode

The system will enter into the Recovery Mode 5 seconds after connecting the USB cable to the player while pressing and holding the Play button on the player.



- ※ When running the Recovery Mode for the first time in Windows XP, install the Player Recovery Device* as instructed by the PC.



Note!

Update the OS when the product is malfunctioning. Contact our service office if the product is still malfunctioning after the OS update.

OS Update & Format

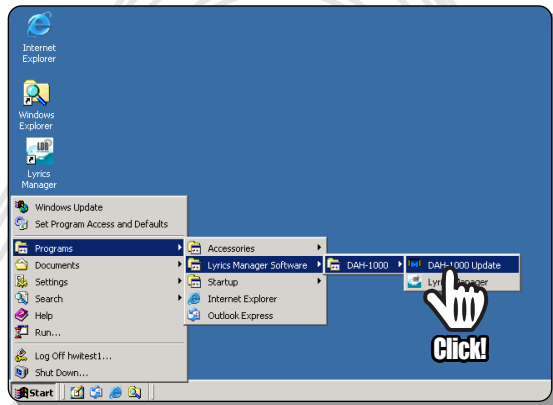


Please Note!

What is OS?

OS is an internal operating system to drive the product.

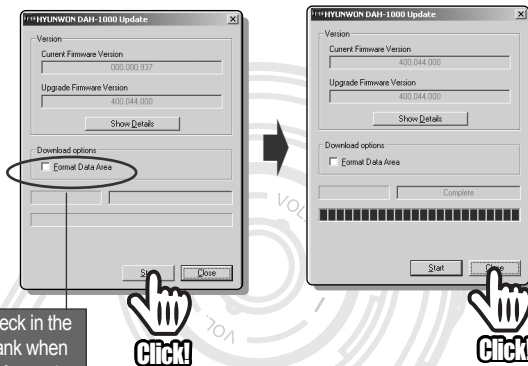
- 2** Click on “Start → Programs → Lyrics Manager Software → DAH-1000 → DAH-1000 Update” subsequently.



OS Update & Format



- 3** Click on “Start” button from the OS update window which appears about 10 seconds later to complete the OS Update and “Close”.



- 4** The OS Update has been completed. Now use the product by turning the power on.



Note!

- Do not remove the USB Cable during the OS Update of Format. If so, fatal errors may occur in the PC or the product.

OS Update & Format

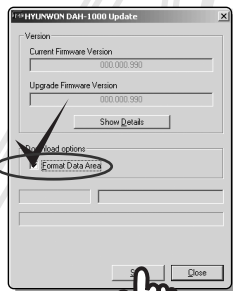


About the Format

- ◆ Be Careful before formatting the product, ALL files will be deleted.

Format with OS Update

- ◆ Refer to OS Update on page 18~19.



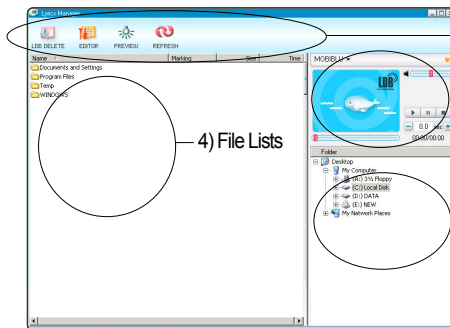
1 Check in the blank of “Format Data Area”

2 Click the “Start” button to format the product and update the OS at the same time.

Lyrics Marking



Names and Functions of the Parts



1) Function Buttons



This button removes lyrics from the music files having lyrics.



This button enables you to input lyrics to the music file selected from the file list.

Lyrics Marking



This button shows lyrics on the LCD screen when playing music files from the manager.



This button renews a file list.

2) Preview Window

This shows the lyrics by playing the file with lyrics marked.

3) Folder List

This shows a folder list.

4) File List

This shows music files in a folder selected from the folder list.

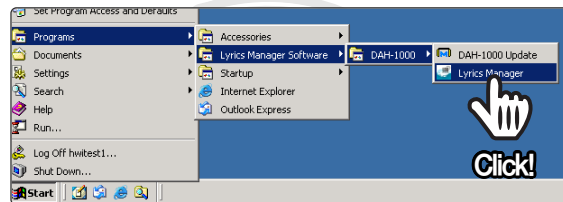
Lyrics Marking



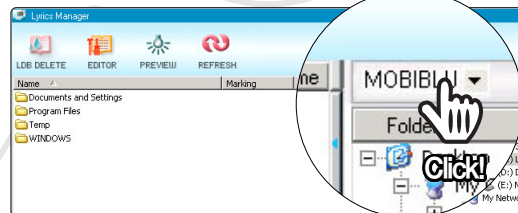
Marking My Own Lyrics

This function marks your own lyrics directly to music files.

- 1 Click on “Start → Programs → Lyrics Manager Software → DAH-1000 → Lyrics Manager” subsequently.



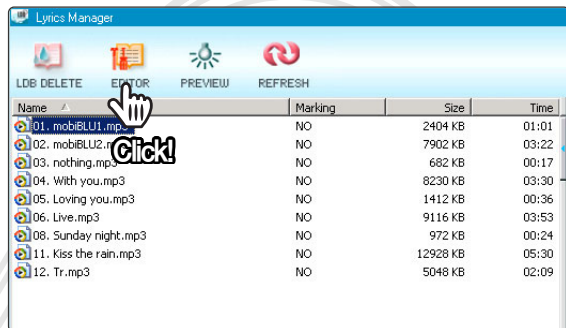
- 2 Select the model before you mark the lyrics.



Lyrics Marking



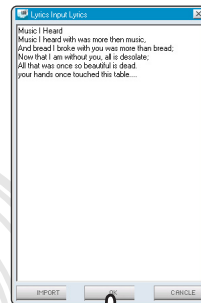
- Find a folder that has music files from the folder list.
- Select the files you want to mark, and click [EDITOR] button.



Lyrics Marking



- Either input the lyrics on the pop-up screen directly or import the LRC files by clicking the [IMPORT] button. Once the input is finished, click [OK].

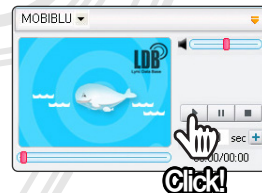


Reference!!

What is an LRC file?

This file includes Time table information and Lyric information. And could make *.LRC files with Nullsoft's WINAMP player. WINAMP program is available to download from below website.
www.winamp.com

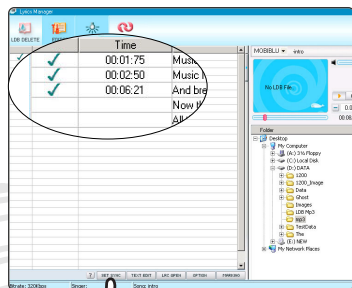
- Play the music file by clicking the [Play] button on the preview screen.



Lyrics Marking

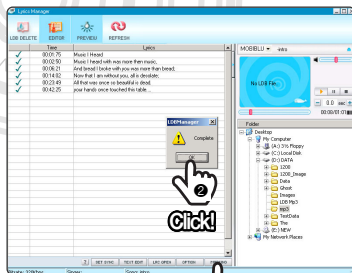


7 Set up the time by pressing the space bar on the keyboard or clicking the [SET SYNC] button.



Click!

8 When the SYNC Setting is completed, click the “Marking” button to finish it.



Click!

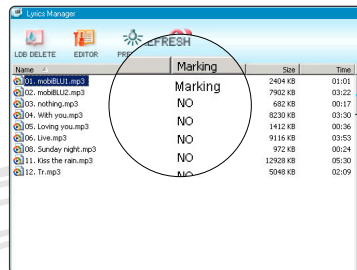


Click!

Lyrics Marking



9 After the lyrics marking is completed, the music files will be displayed as “Marking” on the item [Lyrics Marking] from the file list.



10 Download the completed files that are marked, play the files, and the lyrics will be displayed on the LCD screen.

Reference!!

- ◆ MP3 with VBR encoding characteristic

- ◆ MP3 with VBR encoding can occur mismatch of playing time due to file's characteristic

"LOVE LETTER"

Send music letter to your lover and friends with lyric function.
Receiver can read your letter with Music file.

Lyrics Marking

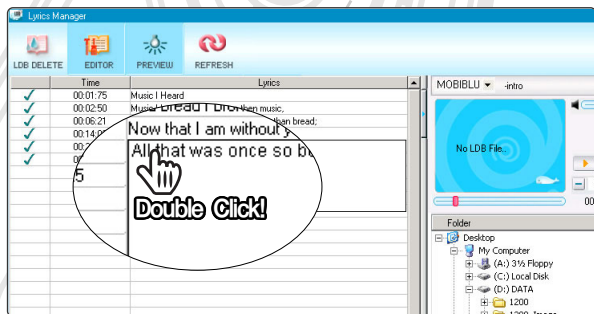


◎ Modifying Lyrics and Time

This function modifies the time and lyrics of the files that are marked.

1 Select the music files from the file list and click the [EDITOR] button.

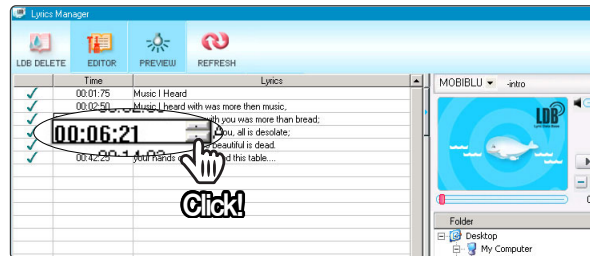
2 Double-click the part of the lyrics that needs to be modified, and adjust the corrections.



Lyrics Marking



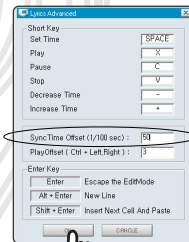
3 Select one of the listed time to be modify, and click the time again to modify it.



Reference!!

Setting the time of the interval to modify.

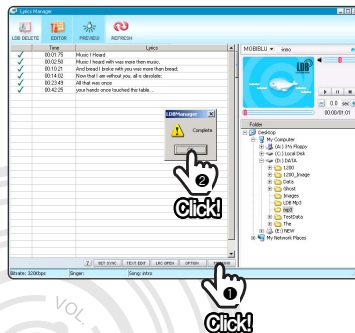
Click "OPTION" on the Editor window and enter the time that you want on the "Sync +, - interval." (Unit: milliseconds - 50 = 0.5 second)



Lyrics Marking



- 4** After the modification is completed, click the “Marking” and finish the marking.



Modifying Entire Time

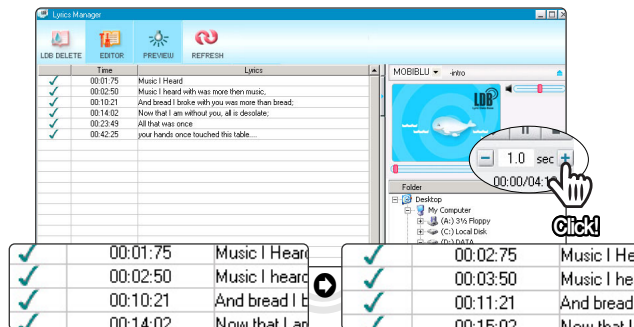
You can adjust the entire time of the lyrics both backward and forward with a regular interval.

- 1** Select music files from the file list and click [EDITOR].

Lyrics Marking



- 2** Enter a time interval you want from the Preview window and modify it with [-, +] button.

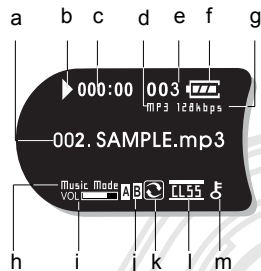


- 3** When finished, click the [Marking] button to finish the job.

LCD DISPLAY Illustration

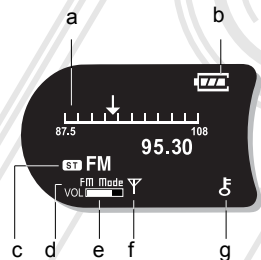


MUSIC MODE



- Displays music titles and the sequence
- Displays the current music status (Play ▶ Pause || Stop ■)
- Displays the current play time of the music
- Displays the file format
- Displays the total number of tracks
- Displays the remaining battery life
- Displays the file compression rate (Bit rate)
- Displays the Playback Mode
- Displays the current volume level
- Displays the A-B Range
- Displays the Repeat / Play Mode
- Displays the Equalizer
- Displays the Hold Status

FM MODE



- Displays the current frequency tuned
- Displays the remaining battery life
- Displays the Stereo/Mono
- Displays the Playback Mode
- Displays the current Volume
- MUTE(no antenna shown)/ MUTE OFF (antenna shown)
- Displays the HOLD status

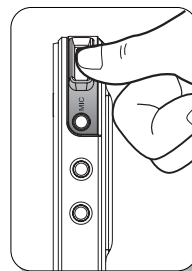
Power On /OFF



MUSIC MODE

1 Power on

Push the Play button(▶) to turn on the power an intro screen will be displayed.



※ Providing there is remaining battery life.

2 Power off

Power off: Press and hold the Play button(▶) for 5 second to turn off the power.



※ In the Pause/Stop mode the power turns off automatically if there are no keys pressed as per the time setting for Auto Power OFF and Sleep Mode. (See 43 pages)

Music Listening



1 Music Playing

Press the play button(▶) to play the music at Stop or Pause status.



Note!

The blue LED on the product flashes when either music or voice files are playing.

- It also blinks during LED Time setting. (See page 42)

2 Pause

While playing music, push the Play button(▶) briefly to stop the music temporarily.



Volume Control

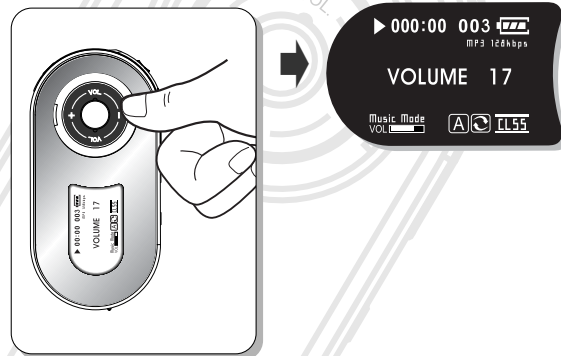


1 Volume Up

Press the (+) button briefly will increase a volume higher. Press the (+) button longer will increase the volume continuously until the maximum volume is reached.

2 Volume Down

Press the (−) button briefly will decrease a volume lower. Press the (−) button longer will decrease the volume continuously until the minimum volume or no sound is reached.



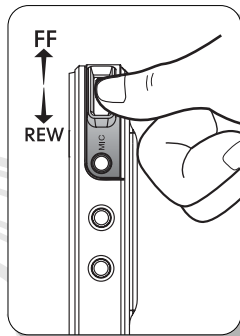
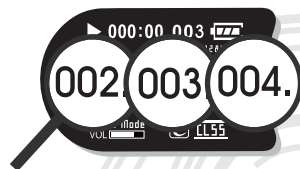
- Volume level can be set within the range from MIN (00) to MAX (30).

Music Selection

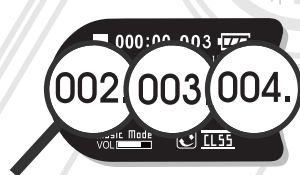


1 By briefly pressing the FF button :

The next song will be selected in Play or Stop mode.

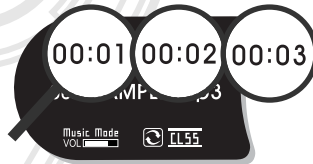


2 By continuously pressing FF button :



In Stop Mode

Fast forward searching all songs



In Play Mode

Fast forward searching in the current song.

Music Selection



3 By briefly pressing the REW button :



In Stop Mode

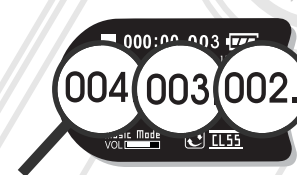
The previous song will be selected.



In Play Mode

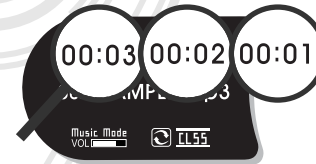
The current song will be repeated from the start.

4 By continuously pressing the REW button :



In Stop Mode

Fast backward searching all songs



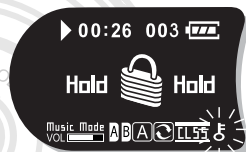
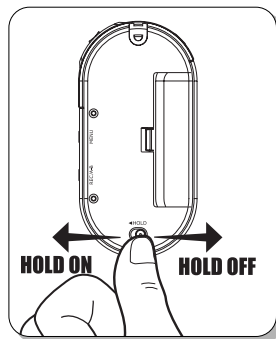
In Play Mode

Fast backward searching in the current song

HOLD (Lock Function)

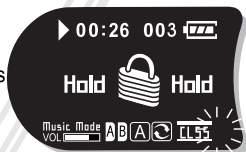


- HOLD (Lock) is set with a padlock icon displaying for 3 seconds on the LCD when you slide the HOLD switch on the back of the products as shown below.



- ◆ When HOLD mode is applied, no other button will be recognized when pressed.

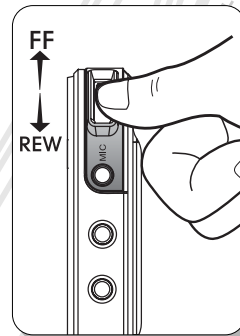
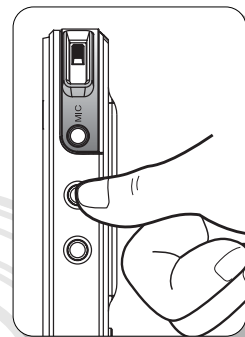
- ◆ By sliding the HOLD switch to the other direction, the lock will disappear as well as the HOLD icon ().



MODE Changing



- 1 Push and hold the MENU button.
- 2 Press the MENU button after moving to desired MODE using FF/REW button.



MUSIC MODE



VOICE MODE



FM MODE

※ The most recent MODE setting will be saved when turning the Power OFF.

Voice Recording



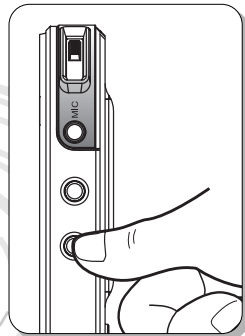
Please Note About the recording....

- ◆ The voice recording starts when you push and hold the REC/ A-B button.

- ◆ To record from the FM radio...
Record the sound source in the FM Mode.

- ◆ To record Voice...
Record the voice source in the Music or Voice Mode.

- ◆ An orange colored LED flashes during the voice recording.
It also blinks at LED time setting. (See page 42)



Voice Recording

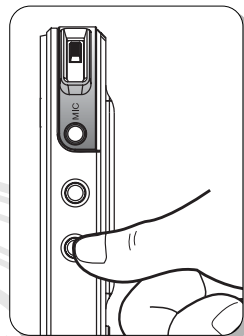


- 1 The voice recording starts when you push and hold the REC/ A-B button.

Displaying time elapsed for recording



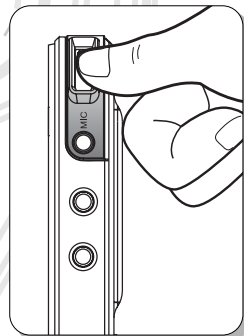
Remaining recording time in the memory



- 2 To stop the recording press the Play button.



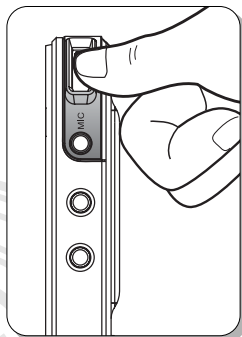
※ The files are saved in the following sequence V001, V002, V003....



Voice Recording



- 3** By pressing the Play button again, the saved recorded file will be played.



※ The functions for Play/Stop/Volume Control/ FF, REW are the same as in the MUSIC Playing MODE.

Voice Recording



Please Note!

- You can only listen to the saved file after entering Voice Recording Mode.
(The voice file can not be played back in the Music Playing MODE)
- After recording the voice file will be saved as a ADPCM file with the extension of ADP at the end of the file name.
- The volume is automatically adjusted in the recording.
- When the memory is full, the voice recording will automatically stop and the file is saved only until that point.
- The sensitivity of the voice recording may vary according to the distance between the product and the voice source.
- Malfunctions may occur if battery is removed or the batteries power is exhausted unexpectedly, recorded file may not play.

FM RADIO MODE



- 1 Push and hold the **MODE** button.



Note!

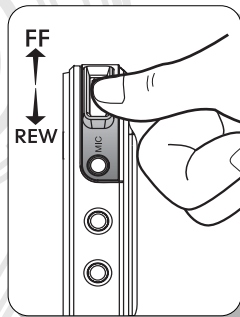
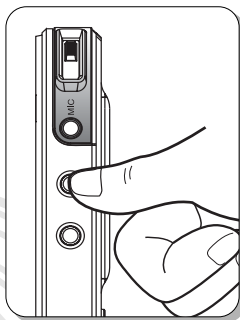
The earphone takes the roll of radio antenna.

- 2 Press the **MENU** button after moving to FM Mode using **FF/REW** button to listen to FM Radio.



A pink LED flashes when playing the FM radio.
It also blinks when setting the LED time. (see page 42)

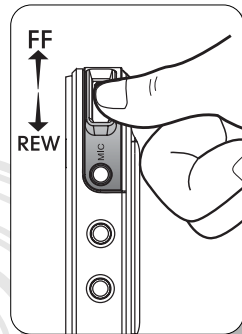
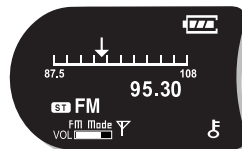
※ The functions for Play/Stop/Volume Control are the same as MUSIC Playing MODE in control



Searching FM Frequencies



Set the FM frequencies using the **FF/REW** button.



◆ Searching Frequencies Manually

You can search frequencies by pushing the **FF/REW** button briefly. (Increment or decrement by 0.05MHz)

◆ Searching Frequencies Automatically

Player searches for a frequency by incrementing/decrementing when you push and hold the **FF/REW** button for longer than 5 seconds. The auto setting is fixed at the frequency with high reception rate during the search.

Storing the Selected Frequency

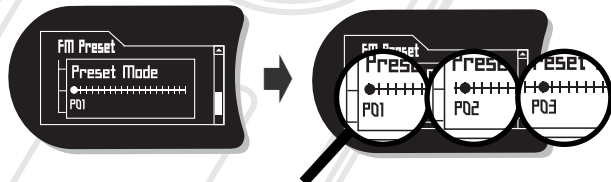


Storing the searched frequency manually

- 1 Using the FF/REW button you can store the searched frequency after entering to FM Preset MODE by pressing the MENU button briefly after selecting the "Manual Preset".



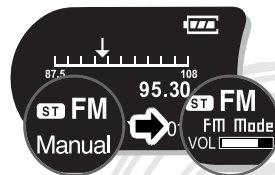
- 2 Using the FF/REW button, briefly press the MENU button after selecting "Preset No." to be stored.



Storing the Selected Frequency



- 3 Press and hold the MENU button to save the frequency after selecting one using the FF/REW button.



Note!

- You may store multiple frequencies with the above method.
- Up to 20 frequencies may be stored in the product.

- 4 Press the REC/A-B button to search the stored frequency.

- By pressing REC/A-B button once briefly: the Preset No. goes back to the previous Preset No.
- By pressing REC/A-B button twice briefly: the Preset No. goes forward to the next Preset No.

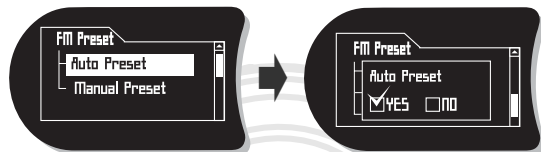
Storing the searched frequency automatically

- 1 Press the MENU button briefly.

Storing the Selected Frequency



- 2** Press the MENU button once again briefly after selecting "Auto Preset" from the FM Preset MODE using the FF/REW button.



- 3** Press the MENU button briefly once again to store the selected frequency after selecting "Yes" from Auto Preset MODE using FF/REW Button.



Please Note!

- It stores a frequency automatically when it receives a frequency with high reception rate with its Preset number automatically incrementing.
- After completing search to 108.0MHz, the Preset Number changes to 'P01' and it starts receiving signal at the preset frequency.
- Searching is stopped when you press the STOP button during Auto Search

- 4** Press REC/A-B button briefly to search the stored frequency.

MENU Setting



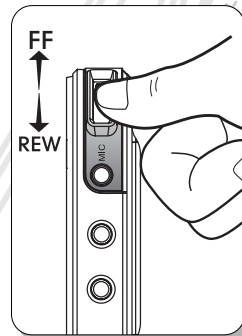
MENU Searching



Note!

- ◆ Entering the MENU Mode.

- Press the MENU button from the Voice Recording or Music Playing Mode to enter the MENU Screen.



※ Scroll to the desired menu using FF/REW button.

Setting

- Search Speed
- Intro Play Time
- Recording Mode

Display

- Contrast
- Back Light Time
- LED Time

Timer

- Auto Power Off
- Sleep Mode

Play

- Play Folder
- Play Mode

Select EQ

User EQ

- User EQ_1
- User EQ_2

Erase

About

MENU Setting



Please Note!

To select and save the Menu

- **MENU Selection:** Press the MENU button briefly after selecting the desired option using FF/REW button.
- **Storing Menu Setting:** Press the MENU button for a longer period after setting the Menu.
- **Menu Cancellation:** Press "REC/A-B" button to go back to the previous menu.

Setting

Select the "Setting" from the MENU Mode.

◆ Search Speed

The function enables to set the search speed (X4 → X8 → X16 → X32) during the music selection.

※ See page 26



MENU Setting



◆ Intro Play Time

When listening to only the intro parts of all the tracks stored, one of 2"/4"/6"/8"/10" can be selected. (Verify it after setting the intro from the Play Mode.)

* See page 26



◆ Recording MODE

When performing Voice/Radio Recording, one of 32/44/64/88/128/192 kbps can be selected as the recording Bit Rate.

※ Higher Bit Rate enables the higher sound quality but creates a larger file.



MENU Setting

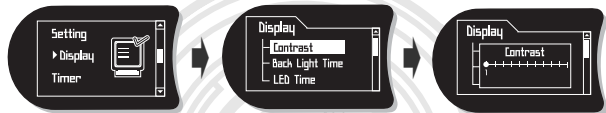


Display

Select “Display” from the MENU Mode.

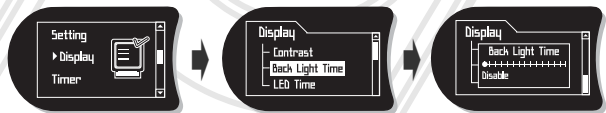
◆ Contrast

The brightness of the screen can be set in Contrast, within the range of 1 to 11.



◆ Back Light Time

Back Light duration time can be set within the range of 0 to 15 seconds.



MENU Setting



◆ LED Time

The function enables to set the duration of LED flashes (Disable → 5sec. → 10sec. → Always) when using the product.

※ Disable: LED off

※ Always: LED flashes continuously

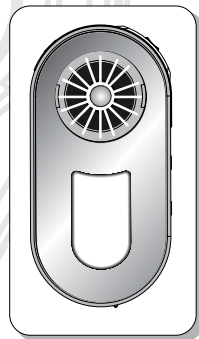


Please Note!

About LED Color...

- **Blue flashes:** when playing music/voices.
- **Orange flashes:** when recording voices.
- **Pink flashes:** when entering to the FM Mode.

※ LED flashes shortens the battery life time.



MENU Setting



Timer

Select "Time" from the MENU Mode.

◆ Automatic power save mode

It is possible to select the automatic power save time for non usage (Disable/1 min/2 min/3 min/10 min) in Pause/Stop status.

- Disable: The power will not turn off automatically.



◆ Sleep Mode

It is possible to select the Sleep Mode to turn the power off automatically after a preset time. (Disable/10 min/20 min/30 min/60 min) in Pause/Stop/Play status.



- Disable: The power will not turn off automatically.

MENU Setting



Play Mode

Select "Play Mode" from the MENU Mode

◆ Play Mode

This mode enables you to set 'the playback function to one of the following "NORMAL -> INTRO -> REPEAT 1 -> REPEAT-ALL -> RANDOM 1 -> RANDOM-ALL".



Normal : plays all music files once sequentially



Intro : plays only the intros of all music files sequentially



Repeat 1 : plays the selected music file repeatedly



Repeat All : plays all stored music files repeatedly



Random 1 : plays music in a random fashion and stops after playing all the music files once.



Random All : same as Random 1 mode, but keeps on playing repeatedly without stopping

MENU Setting



Select EQ

Select "Select EQ" from the MENU Mode

◆ Select EQ

You can select your desired EQ mode from the following preset and user options (NOR->ROCK->JAZZ->CLSS->POP->USER EQ1->USER EQ2)



User EQ

Select "User EQ" from the MENU Mode

◆ User EQ

The product supports two USER EQ MODE



- 1) Select the Band you want to control using the FF/REW button.
- 2) In the selected band, the value can be controlled using the Volume button.

※ The set value for User EQ will be stored in Select EQ Mode.

MENU Setting



Erase

Select "Erase" from the MENU Mode.

◆ Erase

This function allows the deletion of files from the product without it being connected to PC.



- 1) A warning message "Are you sure you want to delete this file?" shows on the LCD screen.
- 2) Choose "Yes" or "No" using the FF/REW button.



Please Note!

About deleting files:

- ◆ Cancelling the function is not allowed while deleting.
- ◆ The function is not available when playing the file.

MENU Setting



About (Specification of the product)

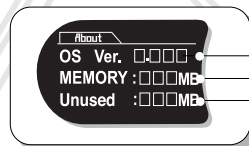
Select "About" from the MENU Mode

◆About

This function enables you to display the OS version, full memory capacity and the remaining capacity of the product.



Please Note!



Displays OS version currently installed in the product.

Displays full memory capacity currently installed in the product. (exclusive of the memory for OS)

Displays only available memory capacity.

※ Only the current memory can be displayed excluding the OS memory which is built-in in the product.

Setting for Ranged Repeat

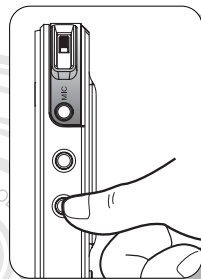


REPEAT A-B MODE (playing a particular section of the current music repeatedly)

- 1 Press the REC/A-B button once briefly while music is being played.



The display shows 'A'



- 2 After 3 seconds or longer, press the REC/A-B button once again briefly.



The Display shows 'A B' and the player repeats the 'A-B' section.

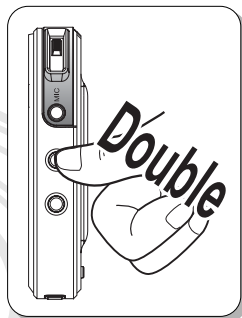
- 3 Pressing the REC/A-B or FF/REW button briefly will release the REPEAT A-B Mode.

How to select a folder



How to select a folder.

- 1** To enter FOLDER NAVIGATION mode, press MENU button "DOUBLE TIMES" during PAUSE/STOP/PLAY mode.



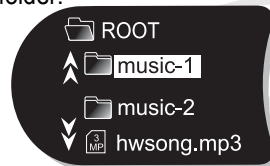
One More tip!

FOLDER NAVIGATION mode allows music to pause temporarily.

How to select a folder

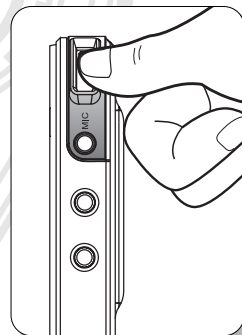
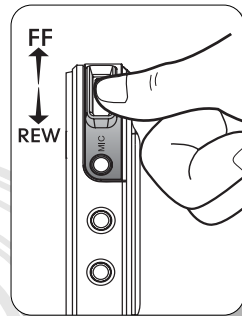


- 2** Select the folder you want by moving FF/REW key up or down. Then, press the PLAY/PAUSE Key to select the folder.

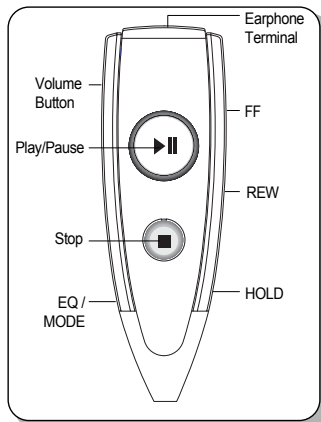


※ if there's no folder displaying, please go to step 3.

- 3** Press PLAY/PAUSE or MENU button to play the music file.



Remote Control Instruction



1 The remote control consists of 7 buttons along with a HOLD button
(PLAY/PAUSE/STOP/Volume/F/REW/EQ/HOLD)

2 All buttons except the EQ/MODE button have the same functions as in the player.

※ The remote control will not turn on the power.

3 EQ/MODE has the following functions.

◆ **By pressing the button briefly**

The Select Mode changes to NOR→
ROCK→JAZZ→CLSS→POP→USER
EQ1→USER EQ2 in sequence.



(See page 45)

Remote Control Instruction



◆ **By pressing the EQ/Mode button for a longer period;**
The Mode changes to MUSIC MODE → VOICE MODE → FM MODE in sequence.



(See page 29)

4 Operating the player when the player and remote control are in HOLD mode (an icon displayed on the LCD)

- The buttons on the remote control are recognized even if the player is in HOLD, but the remote is not.
- The buttons on the player are not recognized if the remote control is in HOLD mode, but the player is not.

It May Not be a Trouble!



Case	Check	Action
Does not respond to the buttons being pressed 	▶ Batteries or rechargeable batteries are inserted correctly? ▶ Battery or rechargeable batteries are exhausted? ▶ Lock is in the HOLD position? ▶ Loose contact of the earphones to Player	▶ Put batteries in with correct polarity ▶ Replace the batteries or recharge the rechargeable batteries ▶ Release the lock ▶ Make sure the contact is tight
The digital audio player malfunctions 	▶ Battery contact is loose? ▶ Abuse the buttons when pushing? ▶ The batteries are exhausted?	▶ Insert the battery properly, then close the cover completely ▶ Press only the necessary buttons accurately ▶ Replace the batteries or recharge the rechargeable batteries
It does not play MP3 	▶ There is a music file on the memory? ▶ Enough battery life remaining?	▶ Download music files to the memory ▶ Replace the batteries or recharge the rechargeable batteries
It does not download MP3	▶ USB cable is connected properly?	▶ Make sure the connection is properly made

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.

For more warranty information and RMA service, please visit the our web site at <http://www.hyunwon.com>.

FCC RF INTERFERENCE STATEMENT



MEMO



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.

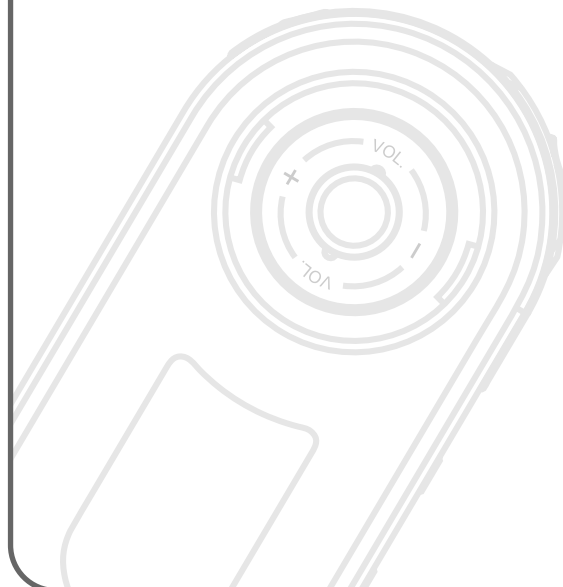
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technical for help.
- Only shielded 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.