



*mobi*BLU

User Manual

*mobi*BLU
www.mobiblu.com

DAH-1200 MP3 player

MP3/WMA/OGG DIGITAL AUDIO PLAYER

PLUG & PLAY USB FLASH DRIVE

FM RADIO / FM RECORDER

DIGITAL VOICE RECORDER

DIRECT MP3 ENCODER

SONG LYRIC VIEWER



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Software

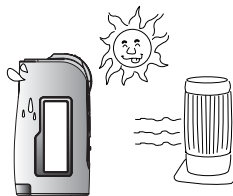
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Cautions for Safety

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



Don't expose the player to a direct heating temperature object. (The player can be damaged by heat conductivity.)



Avoid exposing the player to dusty and humid places as possible as you can. (The player can be damaged.)



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



While riding on bikes or motorcycles, don't use earphones.



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

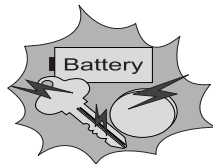


If the player is out of order, call our customer services, but never try to disassemble, repair or rebuild it.



Listening to the music for a long time with volumes high 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. (Don't forget to back up important data)



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



Sensitive Design

With a sophisticated and luxuriously design, you feel the easy of the use.



USB Cradle

By adopting a Cradle System with USB Cable, you can easily transfer files to other devices. Also bright LED light creates a gorgeous atmosphere in darkness.



Mass Storage

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



Complete Implementation of OGG Codec

You can play OGG files as well as general MP3 and WMA files with the player. Since the OGG files have an excellent compression quality, you can enjoy almost as good as the original sound quality of your music.



One-Touch SRS

Without having to do a complex button operation, you can experience 3D Surround Sounds by just pressing the One-Touch button of the player.



Display Lyrics during play mode

You can see the lyrics of the song on the LCD during playing the music file.



Distinctive EQ

Equipped with 5-band equalizers (Live, Classic, Jazz, Dance, and Rock), you can enjoy various tones of music just the way you want to listen to by adjusting the equalizers.



Firmware Upgrade

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



MP3 Direct Encoding (Music Recording)

Since, 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 FM Radio, CDs and music or contents in an audiocassette tape, 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.



Voice Recording

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



FM Radio Listening and Recording

You can enjoy FM radio programs as well as digital music such as MP3, WMA, and OGG. You can even record a part of the music that you are listening to directly from the radio to the player, which you can listen to repeatedly and save into your PC.



Perfect for Studying Languages (Playing Speed & A-B Section Repeat)

Supports a tool for studying foreign languages by providing a Section Repeat A-B, which is very comfortable for studying languages, and an adjustable speed for the songs played.



Seconds-Based Resume Function

When you turn off the player and turn it on later, the player will resume back to the same status. In addition, the volume, EQ, and Play List of the last music you listened to, will also resume back to the same status.



Knowledge Bank!!

What is Ogg Vorbis? It is a new format of digital music, which is opposed to charge money for using MP3 files. One of the features is that, without taking much space, it enables you to enjoy a quality of music, which is as good as the original one. It also supports VBR (Variable Bit Rate).

Description	Items	Specs
FM TUNER	Frequencies	87.5MHz ~ 108.0MHz
	Headphone Output	Max. 7mW (16Ohm) Volume
	S/N Ration	50 dB
	Antenna	Headphone Output
Audio	Frequencies	20Hz ~ 20KHz
	Headphone Output	Max. 15mW (16 Ω)
	S/N Ration	90 dB
Files Support	Format	MP3, WMA, OGG
	Bit Rate	MP3:16~320Kbps, WMA:32~160Kbps OGG:80~320Kbps
USB	Download speed	Max. 6Mbps(USB Version 1.1)
Recordable Time		Voice: 1040 Min/256MB
Max. Playback Time		About 12 Hrs
Range of Operating Temperatures		-5°C ~70°C
Dimensions (W × H × D)		38 × 75 × 20mm
Weight (except battery)		38g
Battery		1.5V Alkaline Battery

Accessories



USB Cradle

By adopting a Cradle System with USB Cable, you can easily transfer files to other devices. Also bright LED light creates a gorgeous atmosphere in darkness.



Necklace

A fashionable and transparent necklace is supplied.



Direct Encoding Cable

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



Mini USB Jack

With this short USB cable, you can comfortably transfer files in a narrow space.



Earphones

Bundled with high-quality earphones, you can enjoy more powerful sounds.



Software 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



Manual

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



Battery

1 AAA battery is included.

Optional Items



Remote Control



Armband



Leather Carrying Case



Battery Charger

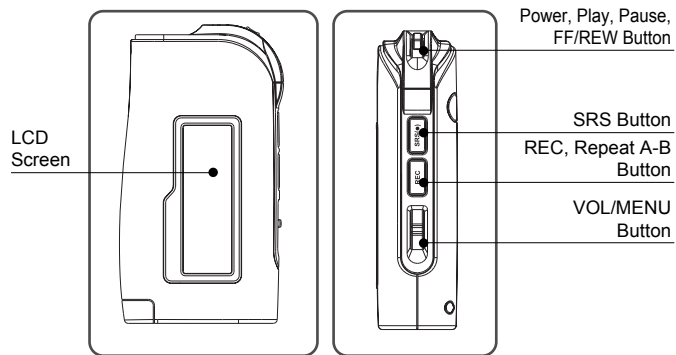


FM Modulator

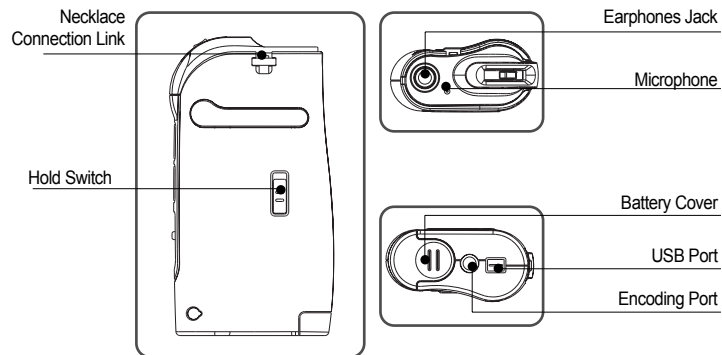


Cassette Pack for Automobiles

Front/Side



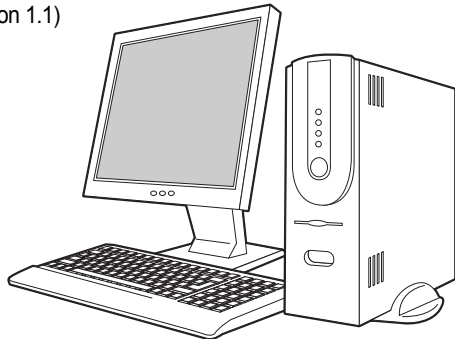
Back/Top/Bottom



System Requirements for PC

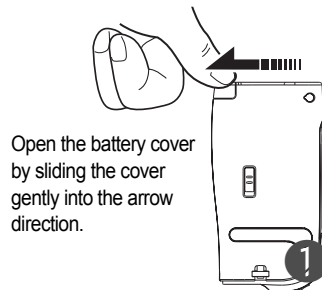
The minimum requirements for PC to use the player are as follows;

- ★ Microsoft OS (Windows 98 SE, ME, 2000, and XP)
- ★ CD-ROM Drive
- ★ CPU with Pentium 200MHz or higher processor
- ★ More than 32MB of RAM (64MB for Windows ME or 2000)
- ★ More than 128MB of Hard Disk Capacity
(Additional volumes are required to save music files)
- ★ USB Port available (Version 1.1)

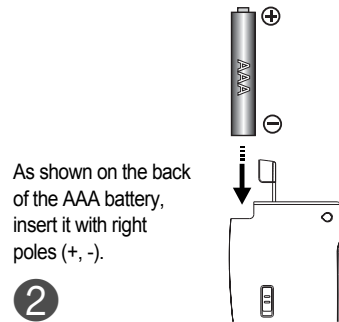


Inserting Batteries

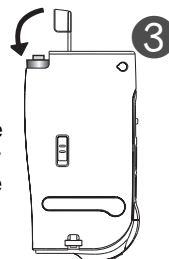
Use a Cylinder Type AAA battery



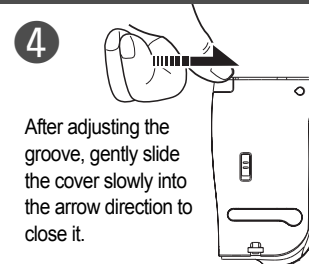
Open the battery cover by sliding the cover gently into the arrow direction.



As shown on the back of the AAA battery, insert it with right poles (+, -).



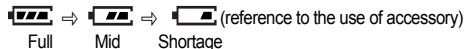
After checking the insertion, adjust the cover of the battery to the groove of the player securely.



After adjusting the groove, gently slide the cover slowly into the arrow direction to close it.

Display Of The Remaining Power

- ① The display of battery's residue capacity can be variable at opening period after the power on. It will be stabilized after 5 to 6 seconds from the power on displaying the real amount of battery residue.



- ② Due to the characteristics of the normal battery the display shows more powers than it really has in the battery when it has been already exhausted. Replace the battery in this case.

(Alkaline battery lasts longer than manganese battery.)

※ Replace the battery to the new one in the following cases;

1. LCD displays "Low Battery".
2. The product does not respond to the button pressing.
3. LCD does not respond to the button pressing.

Battery Type	Elapsing Time
Alkaline Battery	12hours with one 1.5v alkaline battery (AAA)

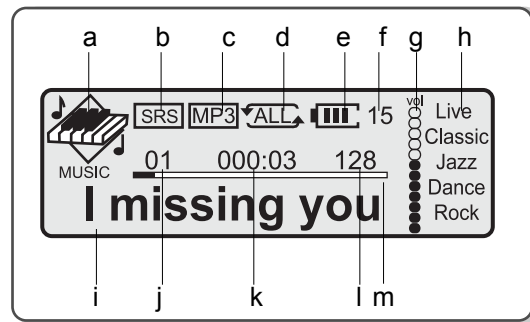
1. Conditions of Continuous Playback Time

1) 1EA: 12hrs (AAA Alkaline Battery) 2) MP3 128Kbps

3) Volume Levels: 16 (Basic) 4) Output: Max. 15mW

The above result is tested by using alkaline batteries sold in the streets, and is subject to change according to the kind of battery used, manufacturers, and conditions of use.

Music Mode Display



a. MUSIC/VOICE/LINE Mode

b. WOW, SRS, T.B

c. File Formats To Play

d. Play Mode

e. Battery Status

f. Volume Changes By Number

g. Volume Changes By Picture

h. Equalizer

i. Title of Files

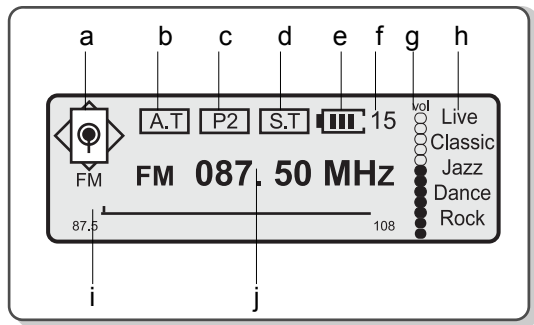
j. Song Number

k. Elapsed Playback Time

l. File Compression Rate (Bitrate) /LDB

m. Playback Position

FM Radio Mode display



- a. FM Mode
- b. Auto/Manual
- c. Preset Number 1 – 20
- d. Mono/Stereo
- e. Remaining Battery
- f. Volume Changes displayed with a number
- g. Volume Changes displayed with a picture
- h. Equalizer
- i. Frequency Bar
- j. Frequency

Music Mode Display

Button	Pressed Time	Stop State	Playing
Playback /Pause		Plays a current song	Pauses the current song
		Power Off	Power Off
FF		Moves to the next track.	Moves to the next song
		Successive Forward Track Search	Forward Fast Search from the current position.
REW		Moves back to the previous song.	Within 5 seconds after play: Moves back to the previous song. 5 seconds after play: Plays at the beginning of the current song
		Successive Backward Track Search	Backward Fast Search from the current position
SRS		WOW->SRS->T.B	WOW->SRS->T.B
		Navigation starts	Navigation Starts
REC		Shows Bookmark lists	Repeats "A-B"
		Ready for Voice Record	Sets a bookmark
MENU		Selects Menu	Selects Menu
		Selects Mode (MUSIC/VOICE/Line In/FM)	Selects Mode (MUSIC/VOICE/Line In/FM)

Simple Key Operations

Button	Pressed Time	Stop State	Playing
 VOL+		Volumes 1 level up	Turns up the volume 1 level
		Volumes up successively	Turns up the volume successively
 VOL-		Volumes 1 level down	Turns down the volume 1 level
		Volumes down successively	Turns down the volume successively

Music/Voice Record Mode

Button	Pressed Time	Rec Ready	Recording
 REC		Voice Record/Music Record Start	Voice Record/Music Record Stop

FM Radio Mode

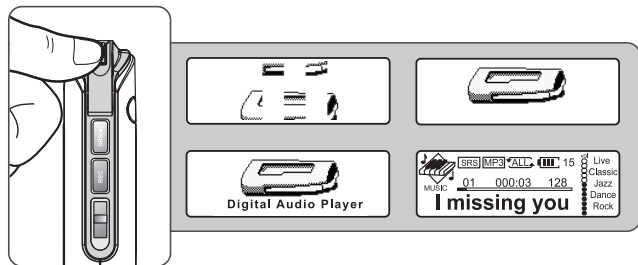
Button	Pressed Time	Stop State	Preset Mode
 Playback/ Pause		Receive	Receive/Ready to receive
		Power Off	Power Off

LCD Display

Button	Pressed Time	Stop State	Preset Mode
 FF		Increases frequency one level up	Moves 1 station up to the next Preset
		Power Off	Moves successively up to the next presets
 REW		Decreases frequency one level down	Moves 1 station down to the previous Preset
		Power Off	Moves 1 station down to the previous Preset
 REC		Forward Track Search	Moves successively down to the previous presets
 MENU		Selects FM Menu	Selects FM Menu
		Selects Mode (MUSIC/VOICE/LINE/FM)	Selects Mode (MUSIC/VOICE/LINE/FM)
 SRS		Selects Mono/Stereo	Selects Mono/Stereo
		Starts Preset Mode	Cancels Preset Mode
 VOL+		Volumes 1 level up	Turns up the volume 1 level
		Volumes up successively	Turns up the volume successively
 VOL-		Volumes 1 level down	Turns down the volume 1 level
		Volumes down successively	Turns down the volume successively

Power On

Pressing the [Play] button once and long, the power is turned on with the following screens.

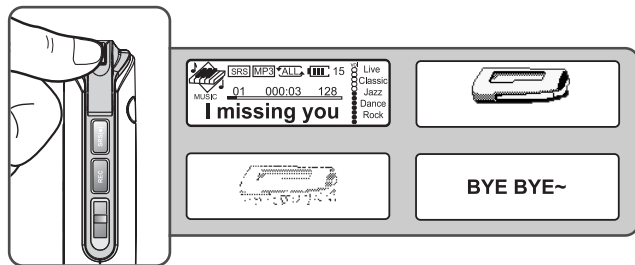


Tips You Must Know!

- In a HOLD state, only HOLD is displayed on the screen, but the power will not be turned on.
- Insert a fully charged battery before you turn on the power. If there isn't much battery left, "Low battery" will be displayed on the screen but the power will not be turned on.

Power Off

Pressing the [Play] button once and long, the power will be turned off with the followings on the LCD screen.



Tips You Must Know!

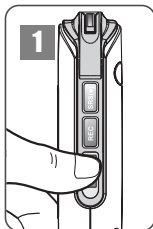
- ① When the time for "Auto Power Off" exceeds the designated time under the state of Stop or Pause, and if the user does not press buttons further, power will be turned off automatically.
- ② After turning off the power, if the user presses the play button, then playback will begin at the very position of the latest song played. In this case, all the settings such as volumes, track numbers, and equalizer, are completely restored. (Seconds-Based Resume Function)

Mode Changes

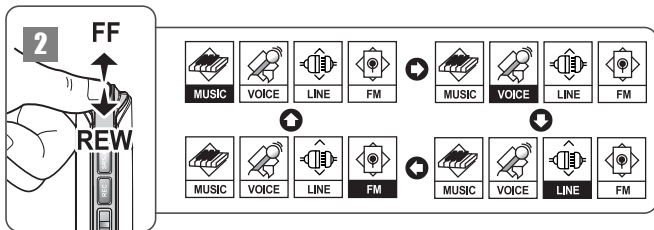
Mode Changes

There are 4 modes; MUSIC, VOICE, LINE, and FM.

- 1 Press the [Menu] button long.

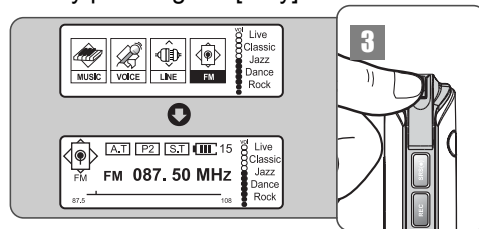


- 2 By using the [Play] button move to the mode that you want.



Mode Changes

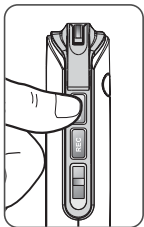
- 3 After the movement, the player enters into the mode you selected by pressing the [Play] button.



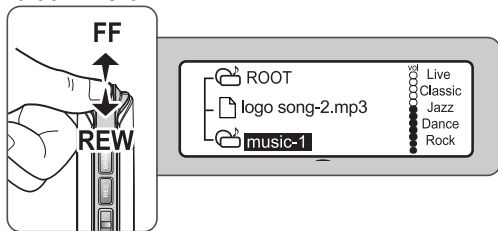
Navigation (Searching Folders During Playback)

Navigation (Searching Folders During Playback)

- 1** Press the [SRS] button long, and the player will enter into the navigation mode.

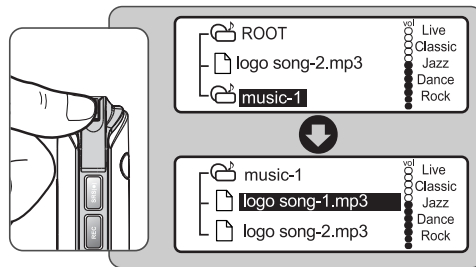


- 2** By using the [Play] button, you can search the folders and files upward and downward.

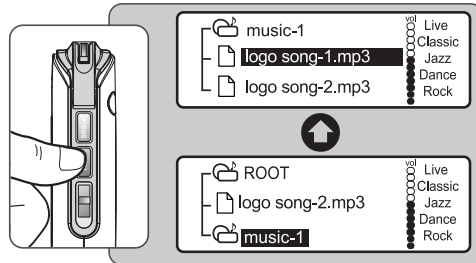


Navigation (Searching Folders During Playback)

- 3** By pressing the [Play] button, you can move to subfolders.

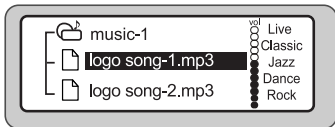


- 4** By pressing the [REC] button, you can move to upper folders.



① Selecting Folders To Play

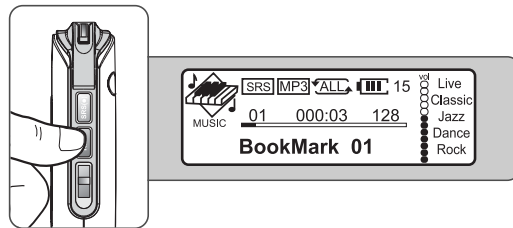
- 1 Press the [SRS] button long, and the player will start folder navigation.
- 2 After entering into the folder to play with the [Play] button, select a file.



- 3 If you press the [Play] button, the file will be played.

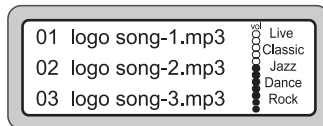
① Setting Up BookMarks

Under the [Play] state, press the [REC] button long and set up the bookmark.



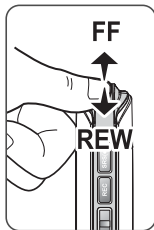
② Playing BookMarks

- 1 Under the state of Pause or Stop, press the [REC] button briefly, and then the following screen will be displayed.

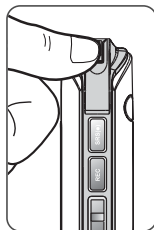


You can check the bookmark that the user set up.

2 By using the [Play] button, you can search the position you bookmarked.



3 Pressing the [Play] button will play the position that you bookmarked.

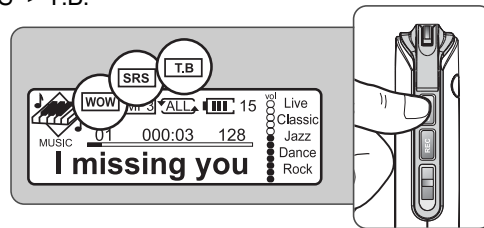


Tips You Must Know!!

- You cannot bookmark in a state of Stop or Pause.
- You can set 5 bookmarks at its maximum.

⦿ Enjoying SRS

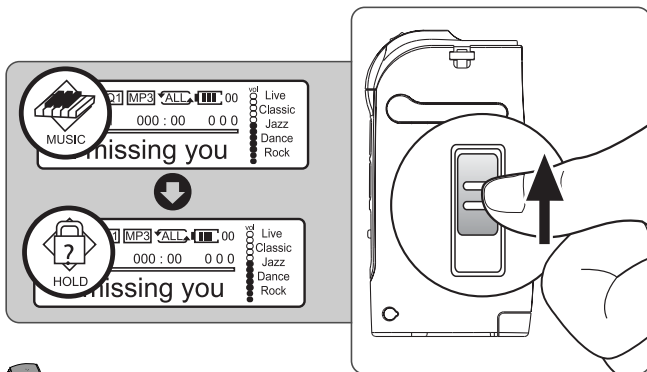
Pressing the [SRS] button briefly will change the mode from WOW -> SRS -> T.B.



In Menu modes, you can set up WOW, SRS, and TB in consecutive order.

● Locking

If you push up the [HOLD] switch of the player, it will be in the state of lock.

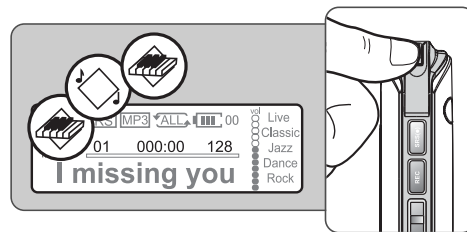


Reference!!

- Under the HOLD state, no button will work.
- Under the Hold state, the power will not be turned on. (HOLD screen will show up briefly and soon disappear)

● Playing Music

Under the state of Pause or Stop, if you press the play button, then the file will be played with the following screens.



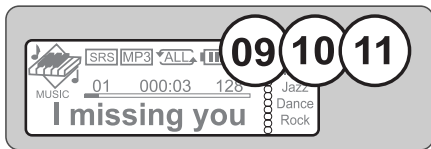
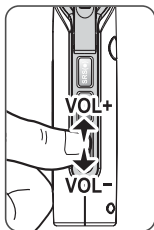
● Stopping the Play of Music

If you press the [Play] button during the music play, the music will stop with the following screens on the LCD display.



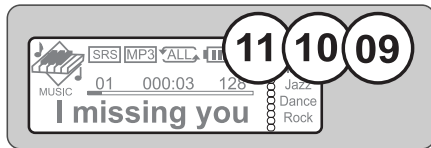
Turning Up The Volume

If you push the [VOL/MENU] button into the direction of VOL+, the volume will be increased with the following screens.



Turning Down The Volume

If you push the [VOL/MENU] button into the direction of VOL-, the volume will be decreased with the right screens.



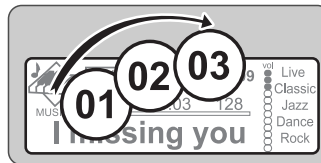
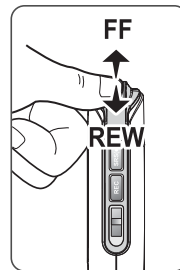
Searching Tracks

Under the state of Stop, Pause, and Playback, you can use the [Play] button to search the tracks.

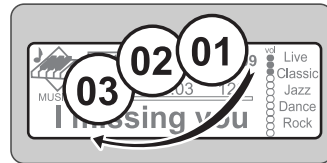


Reference!

Under the state of Stop and Pause, if you push the [Play] button long, then fast track search will start.



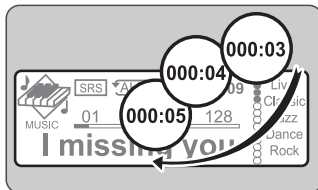
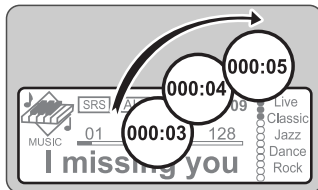
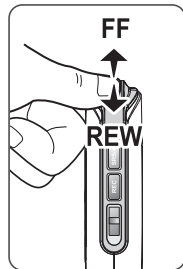
If you press the button to the direction of FF briefly, the player moves to the next song.



If you press the button to the direction of REW briefly, the player moves to the previous song.

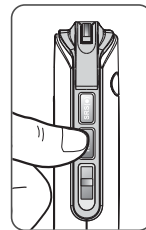
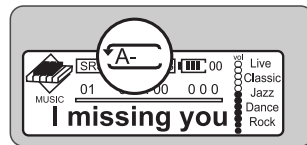
Searching Songs During the Play

During the play, if you push the [Play] button to either FF or REW direction, then the player will search the current song fast forward or backward.

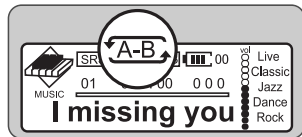


Repeat A-B Mode (Section Repeat within the Current Song)

- 1 Setting Repeat A (Repeat Sections within the Song played)
During the play, press the [REC] button briefly at the position where you want the section repeat to begin.



- 2 Setting Repeat B
If you press the [REC] button again briefly at the end of the position where you want to finish, then the section repeat will be played repeatedly.



- 3 To cancel the section repeat, just press the [REC] button briefly.



Tips You Must Know!!

- Lyrics support is only available with lyrics-marked files through "Lyrics Manager."
- It is only available with MP3 and WMA files with lyrics-marked.
- If the player is in the state of Pause or Stop, this function will not be available.

1 You can see the lyrics only during the playback.

2 Find files marked as LDB on the LCD screen during the playback.

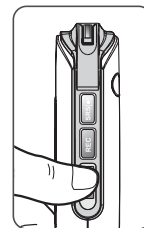


3 If you select "ON," after having selected MENU MODE-> Setting -> LDB, you will see the lyrics on the LCD screen. Again, after entering into the Menu mode and changing the value of LDB to "OFF," then the lyrics will disappear.

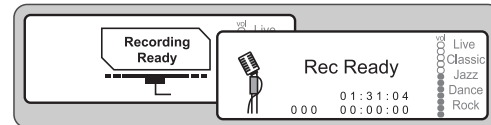
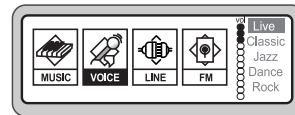


Recording Voices

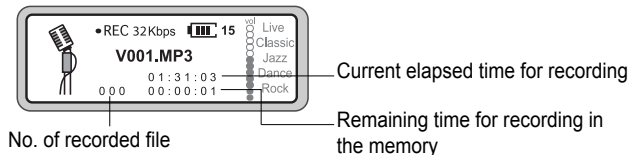
1 Press the [VOL/MENU] button long and enter into the [MENU] mode.



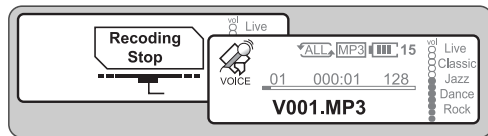
2 After moving to the "VOICE" menu by using the [Play] button, press the [Play] button, and then the player enters into the "VOICE" mode.



- 3** If you press the [REC] button briefly in a state of “Rec Ready,” recording will begin.



- 4** If you press the [REC] button again, the recording will stop with the following screen on the LCD display.



Reference!!

The recorded files will be stored into a folder as MP3 files and saved in the name of V001.MP3, V002.MP3, and etc.

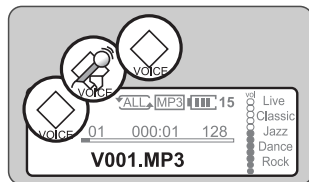


Tips You Must Know!!

- ★ If you press the [REC] button long in states of Music mode and Pause/Stop, the player will be in the state of “Rec Ready.” To cancel the Rec Ready, press the [SRS] button.
- ★ If you use the VOR function during the VOICE recording, you can avoid unnecessary recordings and save the memory. (Refer to the Page 72)
- ★ While voice recording, you can pause and resume by pressing the [PLAY] button.
- ★ Even if you adjust the volume during the recording, the recorded volume will be constant and adjusted automatically.
- ★ Voice recording will stop automatically if the memory usage nears full, and files will be saved up to the point before the stop of the recording.
- ★ Sensitivity is subject to change according to the distance of the sound source.
- ★ If you forcibly take out the battery during the recording, it may cause a malfunction, and the files you recorded will not be saved.

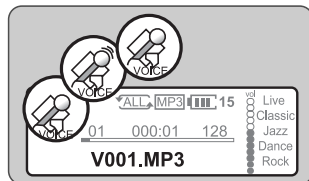
⦿ Playing Recorded Files

Pressing the [Play] button in a state of Pause or Stop will play the files.



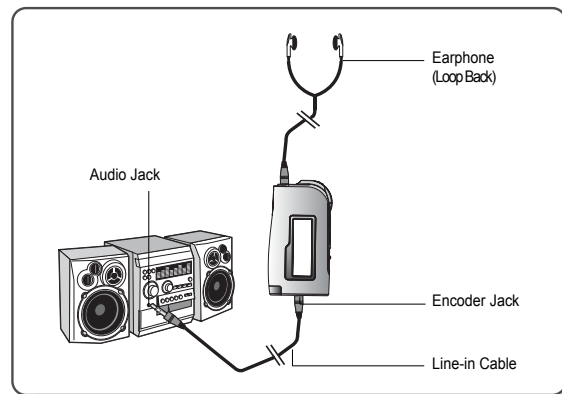
⦿ Stopping Voice Recorded Files

If you press the [Play] button during the play mode, it will stop.



⦿ Recording Music

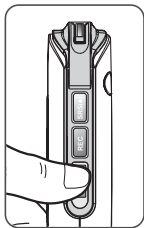
- 1 Like the picture below, connect the encoding cable with the player and the headphones port of the audio to record.



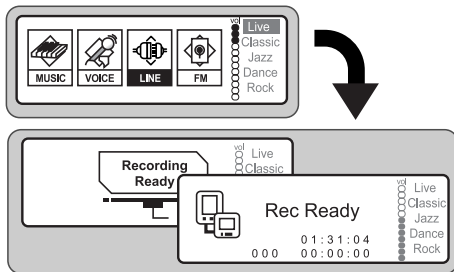
Reference!!

You can listen to your recordings with your earphones. (Loop Back function)

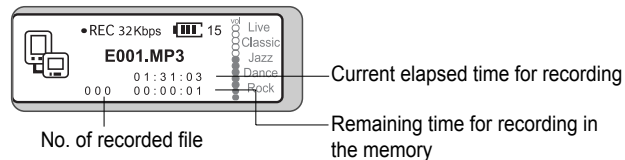
- 2** Enter into the Menu mode by pressing the [VOL/MENU] button long.



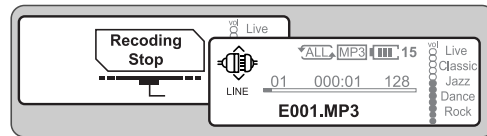
- 3** After moving to the “LINE” menu by using the [Play] button, and press the [Play] button again, the player enters into the “LINE” mode.



- 4** Pressing the Rec button briefly on the state of “Rec Ready,” recording will start.



- 5** If you press the [REC] button again, the following screen will be displayed on the LCD screen and the recording will stop.



Reference!!

※ Recorded files will be saved into the LINE folder.

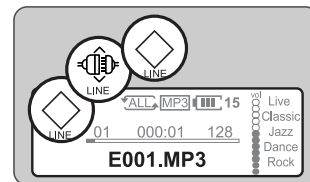


Tips You Must Know!

- ★ After music files are recorded, their formats will be MP3 files and will be saved into the LINE folder, and the names of the file will be E001.MP3, E002.MP3, and etc.
- ★ Even if you adjust the volume during the recording, the recorded volume will be constant and adjusted automatically.
- ★ Music recording will stop automatically if the memory usage nears full, and files will be saved up to the point before the stop of the recording.
- ★ If you forcibly take out the battery during the recording, it can cause a malfunction, and the files recorded will not be saved.

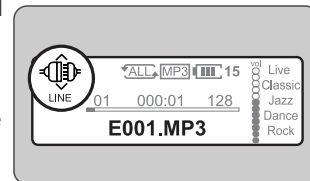
⦿ Playing Recorded Music Files

If you press the [Play] button during the state of Stop or Pause, the following screen will be shown on the LCD display.



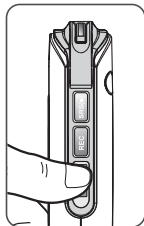
⦿ Stopping The Recording of Music Files

If you press the [Play] button during the playback, the right screen will be displayed on the LCD screen.

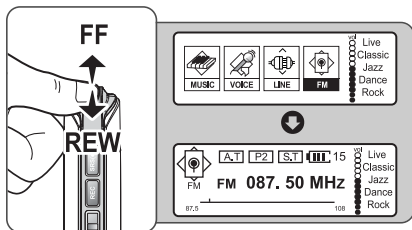


Listening to the Radio

- 1 Enter into the Menu mode by pressing the [VOL/MENU] button long.

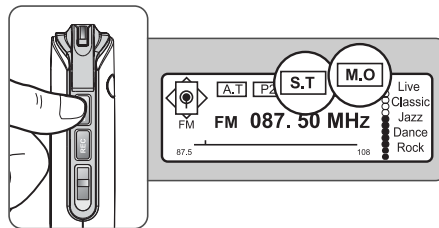


- 2 After moving to "FM" by using the [Play] button, press the [Play] button, then you can listen to the FM radio.



Setting Mono/Stereo

While listening to the FM radio, if you press the [SRS] button briefly, then you can select between MONO and STEREO.



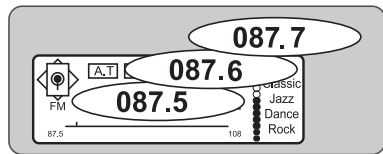
Reference!!

MONO: Receives an FM radio broadcast over a single sound.
Stereo: Receives an FM radio broadcast over a stereophonic sound.

Scanning FM Radio Frequencies

Scanning FM Radio Frequencies

- 1 In FM mode, search your favorite frequencies by using the [Play] button.



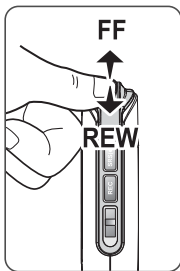
Manual Frequency Scanning

If you push the [Play] button briefly backward or forward, then the frequency will be increased or decreased by 0.1MHz, respectively.

Automatic Frequency Scanning

If you push the [Play] button long, then the frequency will be continuously increased or decreased, respectively, receiving the most receivable frequency during the scanning.

※ Each FM radio station uses different range of frequency, and the range will be subject to change according to the regions and countries.

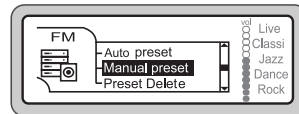
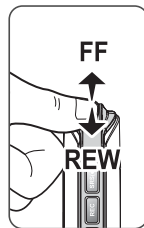


Saving FM Radio Frequencies

Saving FM Radio Frequencies

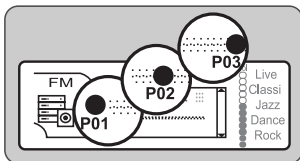
Manual Frequency Scanning

- 1 Scan the frequencies you want to save with the [Play] button.
- 2 Enter into the FM menu mode by pressing the [VOL/MENU] button briefly, and then select the “Manual Preset” with the [Play] button and press the [Play] button briefly.



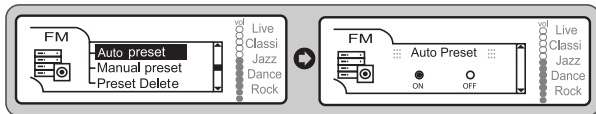
Saving FM Radio Frequencies

- After selecting the "Preset No." with the [Play] button, pressing again the [Play] button briefly will save the change.



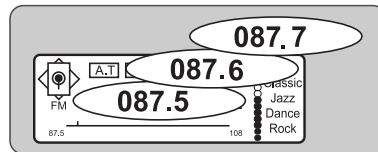
Automatically Saving FM Radio Frequencies

- In FM mode, enter into the FM menu mode by pressing the [VOL/MENU] button briefly and then select the "Auto Preset" by pressing the [Play] button. And press the [Play] button.



Saving FM Radio Frequencies

- If you select "ON" from the Auto Preset menu, then the following is displayed on the LCD screen and the frequencies will be set automatically.



Reference!!

- During the scanning of the frequencies up to 108.0MHz, the Preset NO. will be changed to 'P01' as it finds a receivable frequency.
- Pushing the [Play] button during the "Auto Search" will stop the scanning.

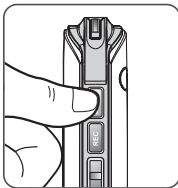
Entering Into Preset Modes



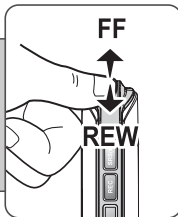
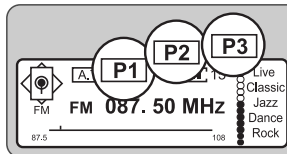
Reference!!

You can find frequencies that a user saved by entering into the Preset mode.

- 1 Pressing the [SRS] button long while listening to the FM radio will lead you to the Preset mode.



- 2 Use the [Play] button to scan the saved frequencies.

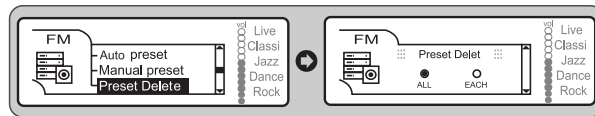


- 3 Pressing the [SRS] button once more will cancel the mode.

Deleting Saved Frequencies

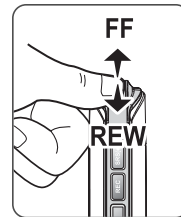
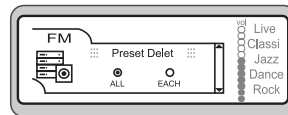
Deleting Saved Frequencies

Enter the FM menu mode by pressing the [VOL/MENU] button briefly in an FM radio mode. And then after selecting the “Preset Delete” with the [Play] button, press the [Play] button briefly.



Deleting Entire Frequencies Saved

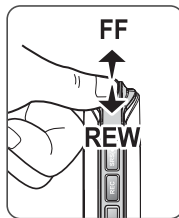
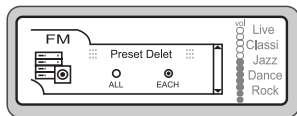
If you select “ALL” with the [Play] button, all the saved frequencies will be deleted.



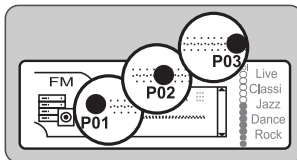
Deleting Saved Frequencies

Partially Deleting Frequencies Saved

- 1 Select "EACH" with the [Play] button.

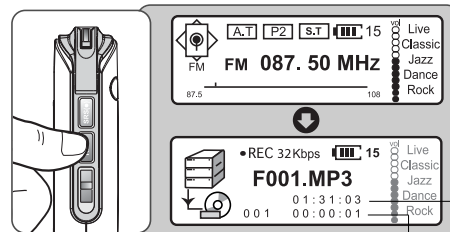


- 2 After selecting the "Preset NO." with the [Play] button, press the [Play] button to delete it.



Recording FM Radio

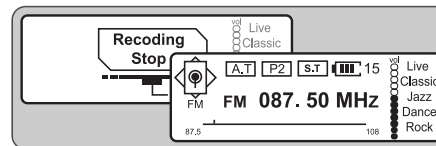
- 1 While listening to the FM radio, pressing the [REC] button briefly will start the recording.



Recordable Time based on
Memory available

Record Time Elapsed

- 2 Pressing the [REC] button briefly will stop the recording.

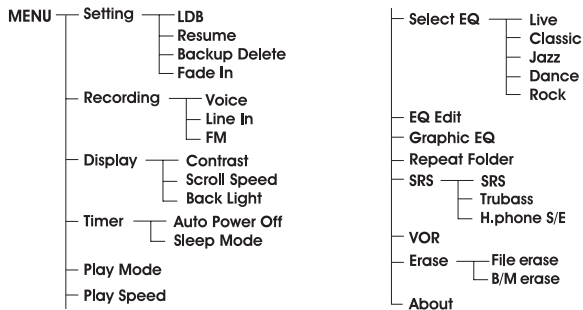


Reference!!

Once the FM Radio recording is done, the files will be saved in an FM folder with the following names such as F001.MP3, F002.MP3, and etc.

⦿ Browsing Menus

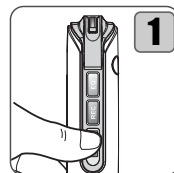
The Menus of this product are as follows. Refer to the below before use.



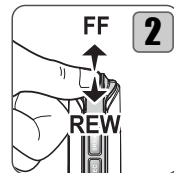
Main Menu	Sub Menu
There are 14 Main Menus	Each main menu has its sub menus.
	 

⦿ Using Menu Buttons

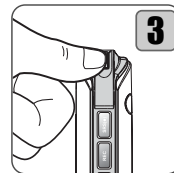
To use the Menus of the player, refer to the followings.



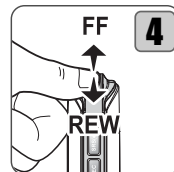
Enter into the main menu by pressing the [VOL/MENU] button.



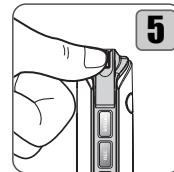
With the help of [Play] button, search the main menus.



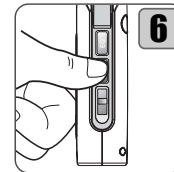
Select the main menu after searching.



With the help of [Play] button, search a sub menu.



Select or save the sub menu you searched.



Escape from the menu you selected by pressing the [REC] button.

Setting

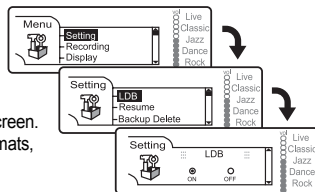
From the main menu, select the 'Setting.'

LDB

This enables the player to display lyrics of the song on the LCD screen.

ON – Lyrics will be displayed on the LCD screen.

OFF – Various information including file formats, playback modes, and elapsed time will be displayed.

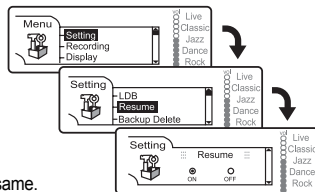


Resume

This is a function that recovers all the previous settings such as the volume of the last song, EQ, and the position of the play, exactly the same as before it was turned off.

ON- Function settings will remain the same.

OFF-Function settings will NOT remain the same.

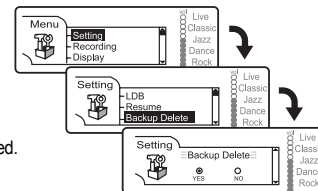


Backup Delete

This initializes all the functions set and saved.

ON: All the information will be initialized.

OFF: Information that a user set will be saved.

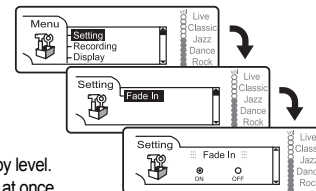


Fade In

The function being turned on, music will be played with the volume turned up gradually.

ON: Power is turned on with the volume up by level.

OFF: Power is turned on with the volume up at once.

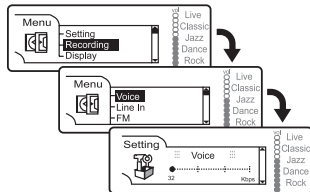


Recording

Select the “Recording” from the main menu.

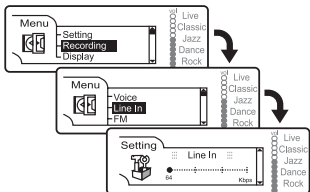
Voice

In a voice recording, you can set up to 32/64/96/128Kbps of bit rate.



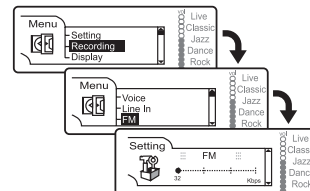
Line in

In a voice recording, you can set up to 64/96/128/192Kbps of bit rate.



FM

In an FM radio recording, you can set up to 32/64/96/128Kbps of bit rate.

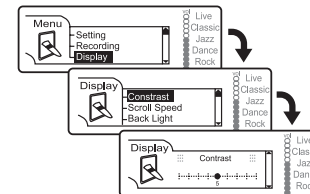


Display

Select “Display” from the main menu.

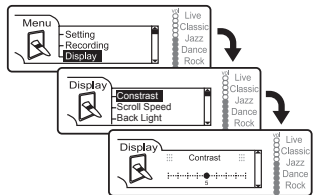
Contrast

You can adjust the brightness of the LCD screen. (From 1 through 10)



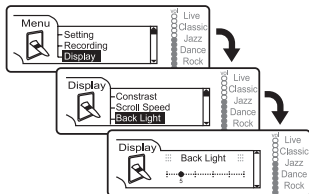
Scroll Speed

You can set the passing speed (1 – 5) of the file name on the LCD screen.



Backlight Time

You can set up the time of backlight duration as DISABLE, 5/15/30/100/200 Seconds and ALWAYS on the LCD screen.

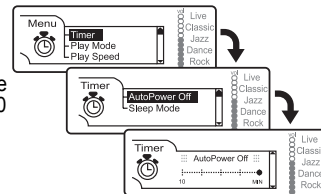


Timer

Select "Display" from the main menu.

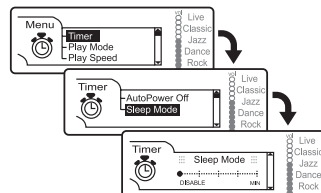
Auto Power Off

If, in the state of PAUSE or STOP, there is no activity on the buttons of the player for more than [30 Sec/1 /2 /5 /10 Min], the power will be turned off automatically.



Sleep Mode

If the Sleep Mode [DISABLE/10/20/30/60 MIN] is established under the state of PAUSE or STOP, the power will be turned off automatically after the designated time.

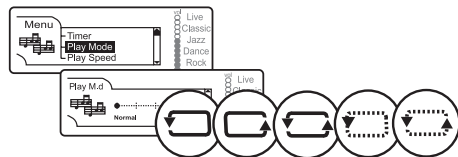


Play Mode

Select “Play Mode” from the main menu.

Play Mode

This sets various modes such as NORMAL, REPEAT, REPEAT ALL, RANDOM, and RANDOM ALL during the playback.



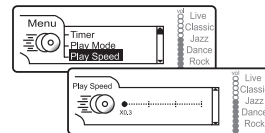
-  **NORMAL** : Plays songs of the current folder once in consecutive order.
-  **REPEAT** : Plays only the selected song continuously.
-  **REPEAT ALL** : Plays the entire songs repeatedly in consecutive order.
-  **RANDOM** : Songs are played randomly regardless of the order of the songs of the current folder, and playing will stop after the entire songs are played one time.
-  **RANDOM ALL** : For the entire folders, songs will be played the same style as that of RANDOM.

Play Speed

Select “Play Speed” from the main menu.

Play Speed

This adjusts the speed of the playback with 0.3, 0.5, 1.0 and 1.5 times faster or slower speeds.

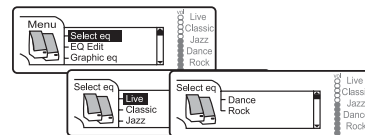


Select EQ

Select “Select eq” from the main menu.

Select EQ

This sets various tones of EQ (Live, Classic, Jazz, Dance, and Rock).

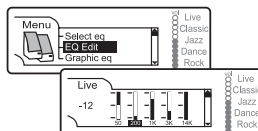


EQ Edit

Select "EQ Edit" from the main menu.

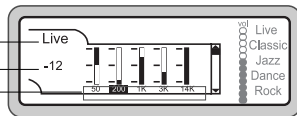
EQ Edit

This enables users to edit the EQ to their tastes.



Editing EQ

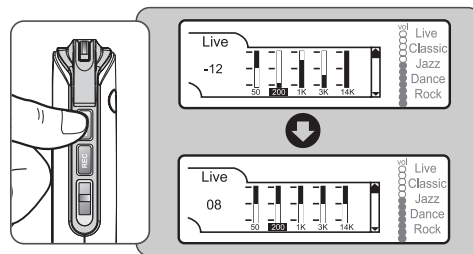
Band
Audible Frequency Settings
Audible Frequency Values



- [PLAY] button
Moves the band. (5 Bands)
- [VOL/MENU] button
Adjusts sound tones. (24 levels: Ranging from -12 to +12)

Initializing the EQ Edited

- 1 Select "EQ Edit" from the menu.
- 2 Upon the appearance of the equalizer edit screen on the LCD display, press the [SRS] button briefly.



※ This initializes the user-defined values of the equalizer.



Reference!!

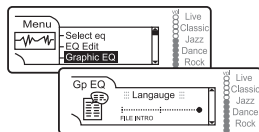
- If you do not set the Edit EQ menu separately, you will enjoy the music with the default values in the player.

Graphic EQ

Select the “Graphic EQ” from the main menu.

Graphic EQ

There are 3 kinds of Graphic EQ (WAVE, STEREO IMAGE, and FILE INFO), which enable the LCD to display screens in various ways.



WAVE

Displays WAVE IMAGE.



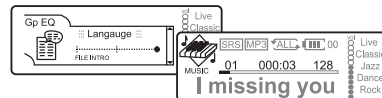
STEREO IMAGE

Displays STEREO IMAGE.



FILE INFO

Displays a list, elapsed playing time, Bit rate, and LDB.



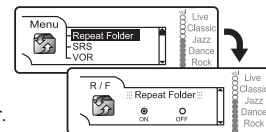
Repeat Folder

Select the “Repeat Folder” from the main menu.

Repeat Folder

This sets Folder Playback Mode during the playback.

ON: Plays the entire folders in consecutive order.
OFF: Plays only files in a current folder.



⦿ SRS

Select [SRS] from the main menu.

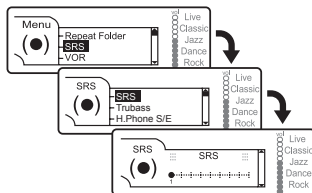


Reference!

- ※ SRS, developed by the SRS Labs, Inc., is the most representative 3D sound technology, which gives us a stereophonic sound by using only two speakers, but seems to be using multi channel speakers. This is composed of 'SRS' featuring surround sounds, 'TruBass' reinforcing a bass sound, and 'Focus' improving high fidelity, and users can select each of these functions at their disposal.

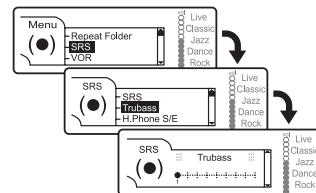
SRS

This sets a 3D surround sound from 1 - 10 levels.



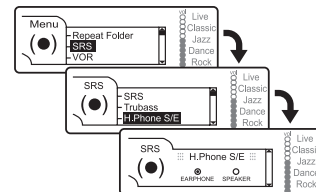
TruBass

This sets a reinforced bass sound from 1 - 10 levels.



Headphone Select

By setting up the headphones or speakers you use, you can enjoy better SRS sounds.

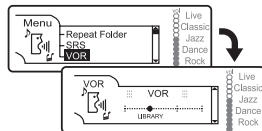


⦿ VOR

Select “VOR” from the main menu.

VOR

The recording will proceed only if there are voices, preventing you from recording unnecessary sounds and enabling you to save the memory.



OFF

Means you do not use the VOR function

LIBRARY

Use at a quiet place.

OFFICE

Use at a slightly noisy place.

STREET

Use at quite a noisy place

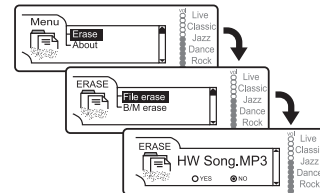
⦿ Erase

The product itself can delete saved files and bookmark.

Select “Erase” from the main menu.

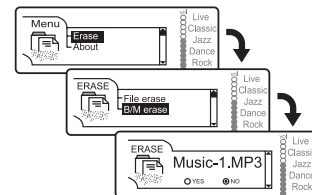
File erase

Use when you erase files you saved.



B/M erase

Use when you erase the bookmark you set.

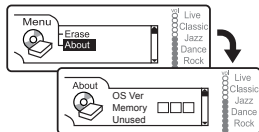


⦿ About

Select "About" from the main menu.

About

This menu displays information such as the Version of OS of the player, the whole memory capacity, and available memories.



Reference!!

※ Only the used memory will be displayed.

⦿ Installation of Program CD



Tips You Must Know!

- 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.)

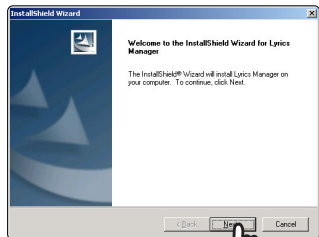
- 1 The installation will start automatically as soon as the CD is inserted, showing a pop-up screen asking you to choose languages to use. Select a language, and click [OK].

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

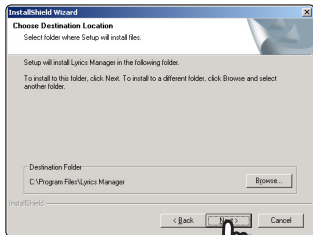


System Requirements for PC

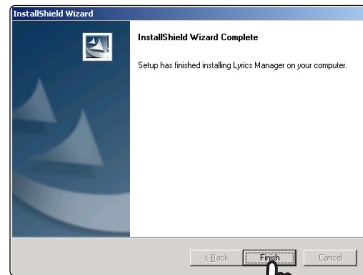
2 Click [Next].



3 After selecting the folder to install, click [Next].



4 Installation is completed. Click [Finish].



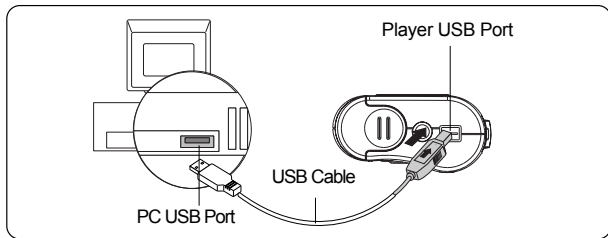
Reference!

If your OS is Windows 98 SE, this screen will be displayed instead. Click [OK].

USB Connection & Disconnection

Connecting Player With PC Using USB Cable

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



Reference!

■ What is USB?

USB stands for Universal Serial Bus, which is a new method of connecting PC with peripherals.

- 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.

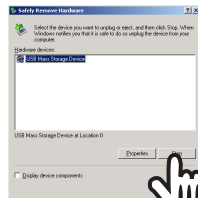
USB Connection & Disconnection

Disconnecting Player From PC Using USB Cable

- 1 To disconnect the player from the USB cable, double click the green arrow right below the task bar on the desktop and disconnect the player from the cable.



- 2 Select the "Mass Storage Device" and click [Stop] and click [Next].

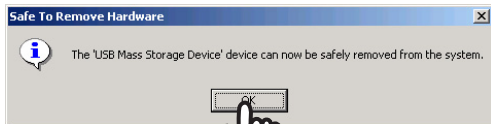


Click!



Click!

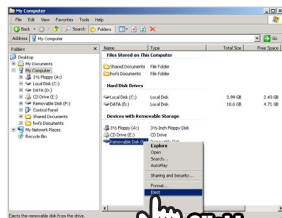
- Click [OK] when you see the message “Safe To Remove Hardware” and disconnect the cable.



Click!

For Windows 98SE Users

If you cannot see the green arrow icon at the right bottom of your desktop, run “My Computer” or “Windows Explorer” and select the “Removable Disk.” And then click the submenu [Eject] from the menu by using the right-click of the mouse. Now disconnect the USB cable.



Click!



Reference!

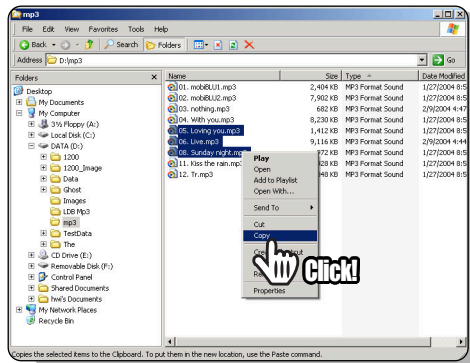
- If you disconnect the cable from your PC without following the instructions above, you will see a warning message and it may cause a serious failure to the player.
- Disconnecting USB cable while downloading, uploading and formatting may cause a serious failure to the player.



Tips You Must Know!!

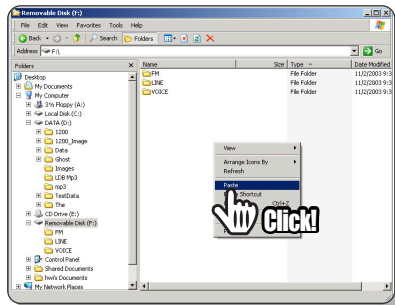
- This player works not only as a music player, but also as a removable disk, which allow us to download and upload various kinds of data files (*.jpg, *.xls, and *.hwp, and etc.).

- Select files after connecting the USB cable to PC and click the submenu [Copy] by using the right-click of the mouse.



Click!

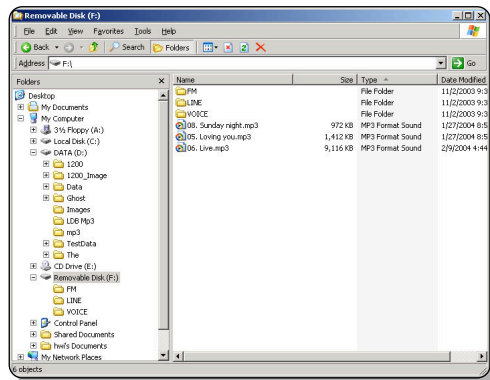
- 2** Like the picture below, click [Paste] from the removable disk by using the right-click of the mouse.



Reference!

- The player will be recognized as a "Removable Disk," a lower disk of hard drive in My Computer.
- Don't disconnect the USB cable during the file transfer. Otherwise it may cause a serious failure to the PC or the player.

- 3** Like the picture below, saving the file you selected is finished.



Tips You Must Know!!

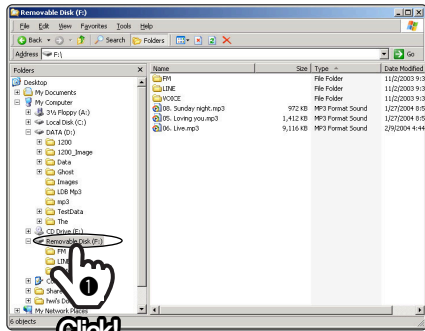
- You can apply the previous instructions (on file downloading) by using the reverse directions when you upload the files to PC.
- You can also use "Drag and Drop" menu of your mouse to download and upload files. failure to the PC or the player.



Tips You Must Know!!

- ◆ Be very careful while formatting! Formatting can cause every file to be deleted completely and cannot be restored.

- 1 On Windows Explorer, click the submenu "Format" from the removable disk icon.

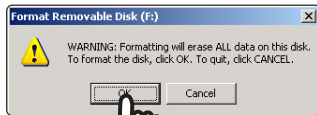


- 2 Upon the appearance of Windows Format screen, click "Start."

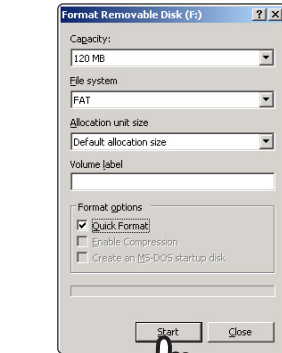
Be sure to check if the file system is "FAT."



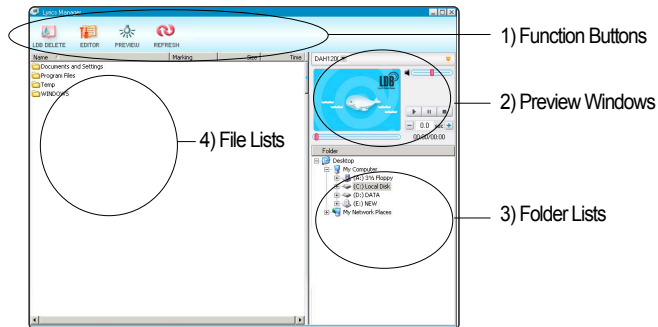
Be careful when you run the format~



- 3 Format is finished.



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.



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

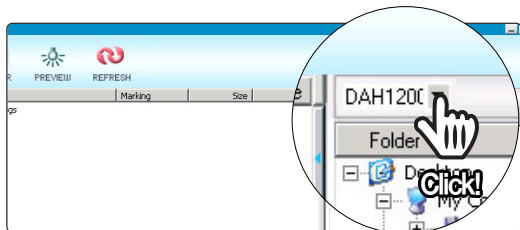
This shows music files in a folder selected from the folder list.

● Marking My Own Lyrics

This function marks your own lyrics directly to music files.

1 Run the “Lyrics Manager”  icon on the Desktop.
The music files that can be put into the lyrics are MP3 and WMA file.

2 Select the model before you mark the lyrics.



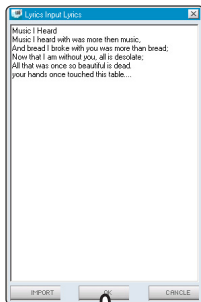
3 Find a folder that has music files from the folder list.

4 Select the files you want to mark, and click [EDITOR] button.



Lyrics Marking

- 5** 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].



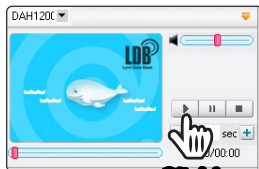
Reference!!

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

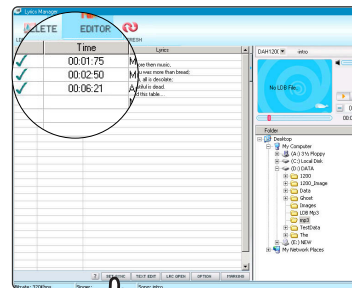


- 6** Play the music file by clicking the [Play] button on the preview screen.

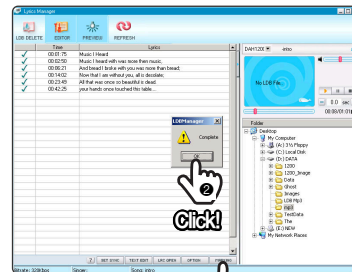


Lyrics Marking

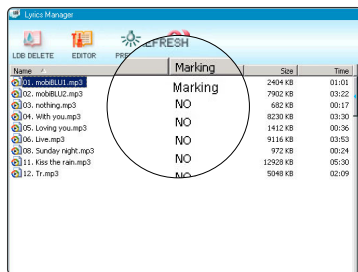
- 7** Set up the time by pressing the space bar on the keyboard or clicking the [SET SYNC] button.



- 8** When the SYNC Setting is completed, click the "Marking" button to finish it.



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!!

- ◆ Lyric Display setting [Menu -> Setting -> LDB -> ON]
- ◆ MP3 with VBR encoding can occur mismatch of playing time due to file's characteristic

"LOVE LETTER"

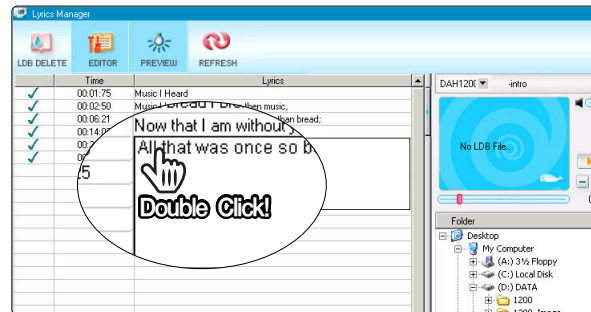
Send music letter to your lover and friends with lyric function.
Receiver can read your letter with Music file.

② Modifying Lyrics and Time

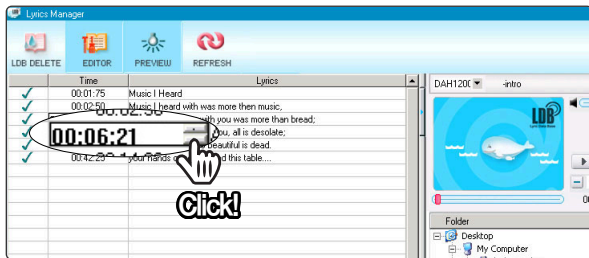
This function modifies the time and lyrics of the files that are marked.

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.



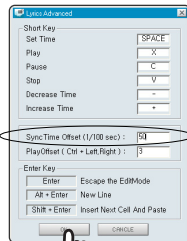
- 3 Select one of the listed time to be modify, and click the time again to modify it.



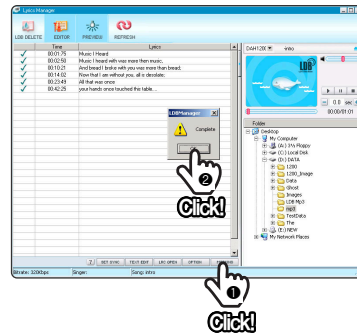
Reference!!

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)



- 4 After the modification is completed, click the "Marking" and finish the marking.



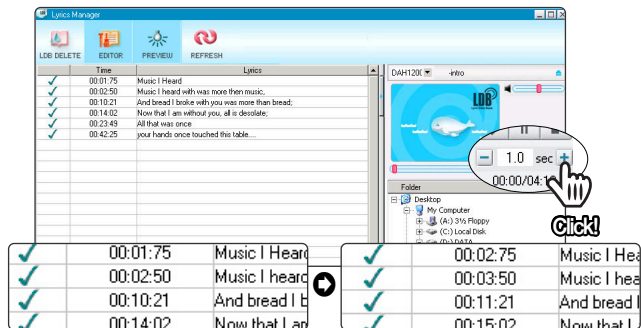
Modifying Entire Time

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].

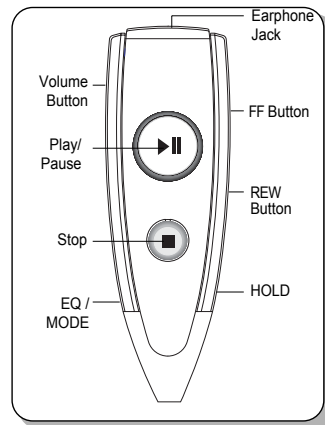
Lyrics Marking

- 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.

Remote Control Instruction



- 1 The remote control has seven buttons and 1 HOLD button. (Play, Pause / Stop / Vol / FF / REW / EQ / HOLD).

- 2 The rest of the buttons except the /EQ/MODE button has the same functions as the ones in the player.

3 [EQ/MODE] button has two functions.

- If pressed briefly, EQ changes WOW ⇨ SRS ⇨ T.B ⇨ Setting EQ in consecutive order.
- If pressed long, mode changes MUSIC MODE ⇨ FM MODE.

4 Even if you press the HOLD button on the player, the buttons in the remote control will work, but if you press the HOLD button on the remote control, then the buttons on the player will not work.

Case	Check	Action
Does not respond to the buttons being pressed 	▶ Are batteries or rechargeable batteries 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 polarities. ▶ 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.

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.