

Safety Precautions

- This manual contains important information on safety precautions and product handling to prevent an accident. Make sure to read this manual carefully before using this product.
- Keep this manual in a safe place where you can find easily after reading this manual.
- Seller will bear no responsibility over the loss caused by memory erasure due to product breakdown, repair or other reasons.

※ Warning and Caution symbols



Warning

► If mishandled, the user might get injured or product malfunction may occur.



Caution

► If mistreated, the user may get harmful effect, or there may be errors in the system.

MP3
PLAYER

Table of Contents

■ Safety Precautions	1
■ Product Features	8
■ Name of the Unit	9
■ Description on LCD	10 ~ 11
■ Before Using	12 ~ 16
- Installing Batteries	12
- Battery status icon	13
- Battery Lifetime	13
- Hold On/Off	14
- Power On/Off	14
- Connecting an Earphone	14
- Attaching the Necklace String	15
- Mode Switching	15
- Navigation Function	15
■ MENU	16 ~ 19
- Menu Setting	16
- Menu Configuration	16
- System Menu	17
- System Menu Items	17
- BEEP	17
- BACKLIGHT	17
- REC DRV	17
- ERASE	18
- FORMAT	18
- LOW FORMAT	18
- LANGUAGE	18
- CONTRAST	18
- DISK INFO	19
- DEFAULT	19
- UPGRADE	19
■ Music Mode	20 ~ 23
Basic Functions	20
- Play/Stop	20
- Volume Control	20
- File Move/Search/Select (FF/REW)	21
- A-B Section Repeat	21
- MP3 MENU	22
- MP3 MENU ITEM	22
- PLAY MODE	22
- EQUALIZER	23
- SPEED	23
- ID3 TAG	23



Table of Contents

■ Voice Mode	24 ~ 27
Basic Functions	24
- Recording	24
- Play/Stop	24
- Volume Control	25
- File Move/Search/Select (FF/REW)	25
- VOICE MENU	26
- VOICE MENU ITEM	26
- PLAY MODE	26
- VOS SET	27
- SPEED	27
- MIC SENSE	27
- REC QUALITY	27
■ Radio Mode	28
Basic Functions	28
- Scanning FM Frequency	28
- Volume Control	28
- FM Recording	28 ~ 29
- Automatic Preset Saving	29
- Manual Preset Saving	29
- Tuning to the Saved Channel	30
- Deleting the Saved Channel (Deleting Preset)	30
- Reception Mode Switching	30
- Switching MONO and STEREO Mode	30
- RADIO MENU	31
- RADIO MENU ITEM	31
- AUTO SCAN (Automatic Preset Saving)	31
- AREA (Area Setting)	31
■ LINE-IN Mode	32 ~ 34
Basic Functions	32
- Play/Stop	32
- Volume Control	32
- File Move/Search/Select (FF/REW)	32
- Recording	33
- LINE-IN MENU	33
- LINE-IN MENU ITEM	33
- PLAY MODE	34
- EQUALIZER	34
- SPEED	34



Table of Contents

■ Connecting to a PC	35
■ Firmware upgrade and Fonts download	36 ~ 43
■ Making Lyrics Files	44 ~ 47
■ Troubleshooting	48
■ Specifications	
■ Warranty	



Safety Precautions

● Storage precautions



Do not store the product at the high-temperature place (above 40 °C). Especially, do not store the product in the window-closed vehicle in summer.



Do not store the product at high humidity, wet or dusty area.



Keep out of the children's reach.

● Usage precautions



Do not drop the product or apply strong shock.



Do not scrub the product surface using alcohol, thinner or benzene.



Do not apply strong shock to the LCD.

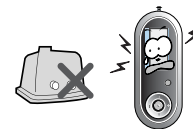


Remove batteries immediately if the product gives off smoke or deformed due to heat.

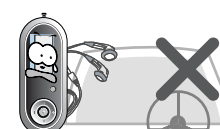
MP3
PLAYER



Safety Precautions



Do not use the product in the prohibited area where the electronic device usage is forbidden such as the aircraft.



There is a risk of the car accident if you use this product while you're driving or walking on the street. Do not use the earphone or handle the product while wearing an earphone.



If you set the volume too high, your hearing ability may be impaired. Set the proper volume.



Do not disassemble the product at your discretion.

MP3
PLAYER



Safety Precautions

● Battery Usage Precautions



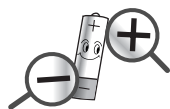
Make sure to use the battery specified in this manual.
(AAA alkaline battery)



Do not have a short circuit, disassemble or heat the product.



Frictional heat can set the fire. Keep away from the metallic objects such as battery, coin or lock.



Check the proper polarities (+/-).



Remove the batteries from the product if you don't use the product for a long time.



Warning

- If your cloth or skin is stained with an electrolyte, cleanse with water immediately and consult your doctor.
- If your eyes are stained with an electrolyte, do not rub it and wash it with clean water immediately and consult your doctor.

MP3
PLAYER



Product Features

■ Portable mass USB storage device

You can upload/download files conveniently and quickly in the Windows Explorer without additional program.

■ Multi Codec player

Supports playback for MP3 and WMA files.

■ LINE-IN encoding

You can record the sound entering from the exterior directly to MP3 file through LINE-IN.

■ Multi language text support

The LCD displays file information written in 4 different languages including Korean, English, Chinese (Simplified/Traditional) and Japanese.

■ Lyrics support

■ 3D Effect

■ Firmware upgrade

You can upgrade the product firmware to maintain the best quality.

■ FM reception and recording

The automatic station scanning function and the preset function allow you to enjoy and record the FM broadcasting.

■ Automatic FM station scanning

The player can detect and save the available FM frequency automatically.

■ EQ

You can select one of the five equalizer modes - Rock, Jazz, Classic, Pop or User EQ.

■ User-defined equalizer (User EQ)

The player implements rich sound effects using minute adjustment in 5 bandwidths.

■ Convenient File Management

You can create and delete folders in your PC to manage files conveniently.

■ Easy to Use Navigation function

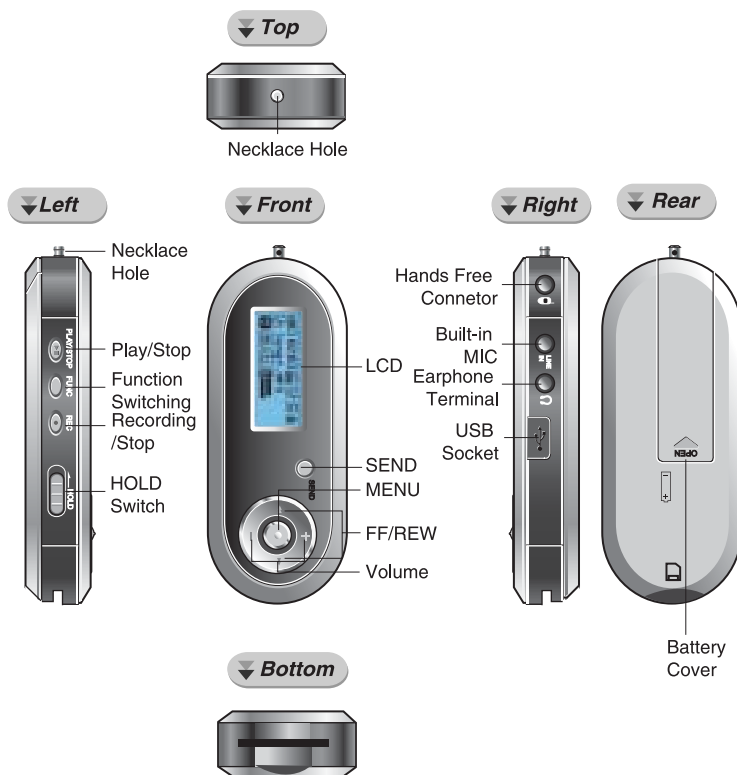
You can search music easily with the tree structure navigation function like PC.

■ Hands Free

While you are listening the MP3, you may answer the phone by connecting together.
(Background musicoption, recording the telephone)

MP3
PLAYER

Name of the Unit



Description on LCD

<Music Mode>

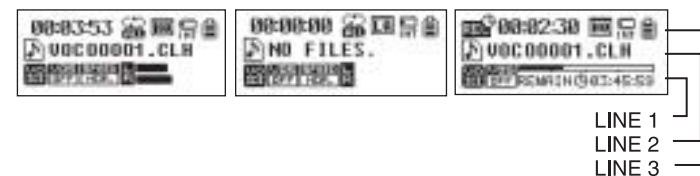


LINE 1: Display playback file number, playback time, repetition, EQ, the position of the disc and battery icon.

LINE 2: Display the file name.

LINE 3: Display the MP3 mode icon, the property of the file (BIT RATE, SAMPLE RATE) and waveform.

<Voice Mode>



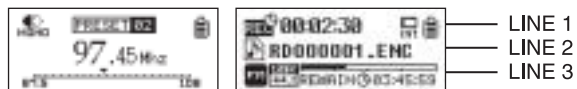
LINE 1: Display the file number, file playback time, repetition, RQ(Record Quality), the position of the disc and battery icon.

LINE 2: Display the file name.

LINE 3: Display the voice mode icon, VOS, SPEED, waveform, remain time.

Description on LCD

<RADIO MODE>

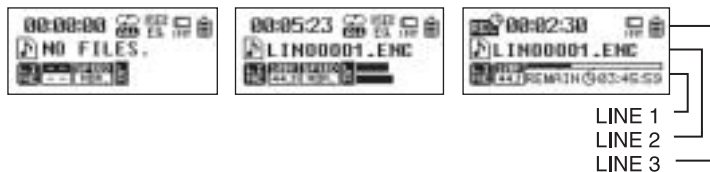


LINE 1: Display the Mono/Stereo icon, preset channel number and battery icon.

LINE 2: Display the frequency.

LINE 3: Display the frequency meter.

<LINE IN Mode>



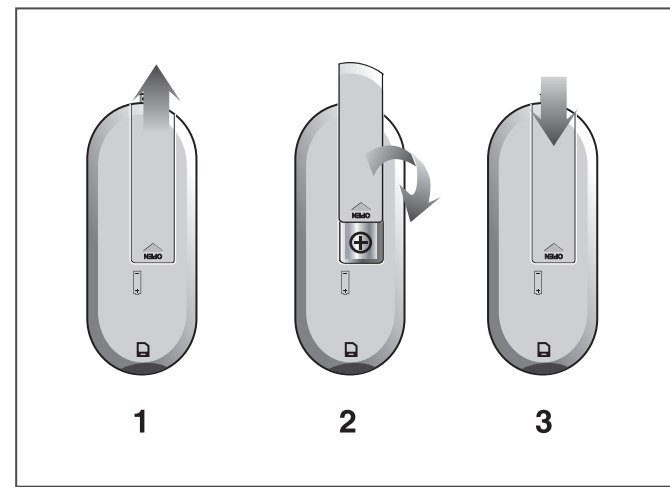
LINE 1: Display playback file number, playback time, repetition, EQ, the position of the disc and battery icon.

LINE 2: Display the file name.

LINE 3: Display the line-in mode icon, the property of the file, SPEED, waveform, remain time.

Before Using

■ Installing Batteries



1. Press the battery cover softly and push towards the arrow direction.
2. Insert the battery with correct polarity.
3. Close the battery cover.

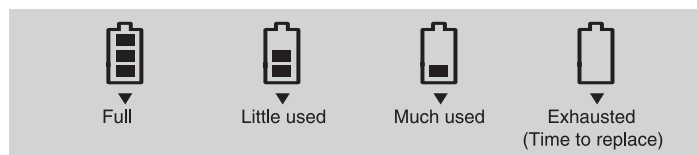


Caution

- ▶ Stop playback when replacing the battery.
- ▶ Check the polarities of the battery.

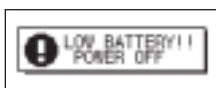
Before Using

Battery status icon



Note

- ▶ If the battery is low, the LCD will display "LOW BATTERY!! POWER OFF", and the player will be automatically turned off.



Battery Lifetime

Battery	MP3 (VOL.15)	Voice	Radio (VOL.15)	LINE-IN
AAA Alkaline				

Note

- ▶ Battery lifetime can vary depending on the sound volume and battery type.
- ▶ If there is no operation the player will be automatically turned off after 1 minute.
- ▶ You can prevent battery waste due to button manipulation by mistake if you turn the HOLD switch on.

MP3
PLAYER

Before Using

Hold On/Off

You can prevent unintended button manipulation by setting the hold mode on.

• ON ← → OFF •



Hold on: Push the HOLD [] button to the arrow direction.

Hold off: Push the HOLD [] button to the arrow direction in reverse.

Power On/Off

Power on : Press the PLAY/STOP [] button longer once. Then, the player will be turned on and remain in a waiting mode.

Power off : Press the PLAY/STOP [] button longer than 3 seconds to turn off the player.

- The power is turned off automatically if there is no operation for 1 minute.



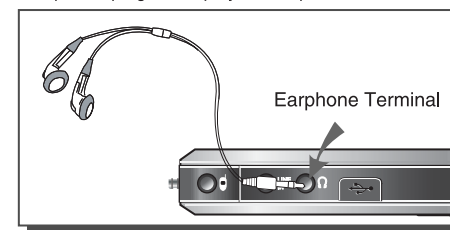
POWER ON



POWER OFF

Connecting an Earphone

Connect the earphone plug to the player's earphone terminal.

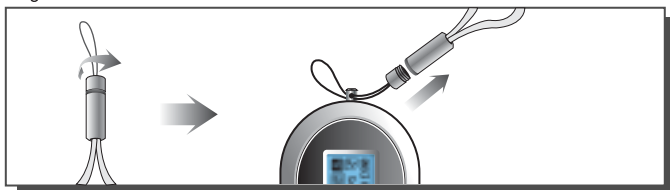


MP3
PLAYER

Before Using this Product

Attaching the Necklace String

The indicated part on the picture is separated. Thread the necklace string through the necklace hole after separating the indicated part. And join the separated part together to use.



Mode Switching

The player mode is switched among MP3, VOICE, RADIO and LINE-IN.



1. Press the FUNC [] button longer once.
2. Select the mode (MP3, VOICE, RADIO and LINE-IN) using the FF/REW [] key.

Note

- ▶ Music Mode: Play back MP3, MP2 and WMA file.
- ▶ Voice Mode: Record and play back voice recording file and hands free recording file.
- ▶ FM Mode: Listen to the FM broadcasting or record it.
- ▶ LINE-IN Mode: Play back the file recorded in the radio mode and record the sound entered from the exterior directly to MP3 file through LINE-IN.

Navigation Function

Search music easily with navigation function.

- Enter: Press the MENU [] button once briefly while playing or stopped.
- Move to files/folders: Use the FF/REW [] or +/- [] button.
- Select and Playback the file: Press the MENU [] button once briefly.

MP3
PLAYER

MENU

Menu Setting

Set the menu item.

- Enter menu: Press the MENU [] button longer once.
- Menu navigation: Use the FF/REW [] or +/- [] button.
- Save settings: Press the MENU [] button once briefly.
- Release menu: Press the MENU [] button longer once.
- Using the REC [] button can be back to previous mode.

Menu Configuration

SYSTEM	MP3	VOICE	FM	LINE IN
BEEP	PLAY MODE	PLAY MODE	AUTO SCAN	PLAY MODE
BACKLIGHT	EQUALIZER	VOS SET	AREA	EQUALIZER
REC DRV	SPEED	SPEED		SPEED
ERASE	ID3 TAG	MIC SENSE		
FORMAT		REC QUALITY		
LOW FORMAT				
LANGUAGE				
CONTRAST				
DISKINFO				
DEFAULT				
UPGRADE				

MP3
PLAYER

MENU

■ System Menu

When pressing the MENU [] button longer once, it goes to the SYSTEM MENU. You can return to previous mode using the REC [] button.



■ System Menu Items

Use the +/- [] button to move the menu, then the use the MENU [] button to select the menu.



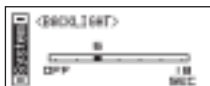
- BEEP

Can set up the beep.



- BACKLIGHT

Select the backlight time. (it may consume lots of battery)



- REC DRV

Can record any drivers by selecting RECORD DRIVER. When it records, it cannot change the driver.



MP3
PLAYER

MENU

- ERASE

Delete the selected file or the empty folder, then it will move to ROOT folder after deleting and it can only be used in the stop mode.



- FORMAT

This is the fast Format menu, and it can only be used in the stop mode.



- LOW FORMAT

Initialize the disk information and it can only be used in the stop mode. (It would take much time so that recommend only in the special case)



- LANGUAGE

It can change up to 4 languages, and can be saved when the power turns on/off.



- CONTRAST

Can adjust the light.

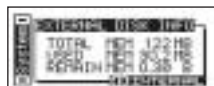


MP3
PLAYER

MENU

- DISK INFO

Display the disk information about the total, used, remain memories of the external or internal disk.



- DEFAULT

Previous memories in the set menu will be changed to factory default.



- UPGRADE

Can upgrade firmware and font. After upgrading, the battery should be removed and inserted again.

Before start upgrading, internal memories must be formatted.



MP3
PLAYER

Music Mode

Basic Functions

■ Play/Stop

Playback: Select the file to play back when the player is turned on and press the PLAY/STOP [] button once shortly.

Stop: Press the PLAY/STOP [] button once shortly.



■ Volume Control

Press the +/- [] button briefly to increase the volume by 1 step, or hold the button to increase the volume continuously.



Warning

- Do not increase the volume too high during playback when using an earphone. Your hearing ability can be impaired.
- Turn the volume down first and increase to the one you want.

MP3
PLAYER

Music Mode

■ File Move/Search/Select (FF/REW)

Move, Search for or select the file.

- Move Forward or Backward: Press the FF/REW [] button during playback.
- Search: Press the FF/REW [] button during playback and hold it to move forward or backward.
- Select Previous/Next File: Press the FF/REW [] button once briefly when the player is stopped.

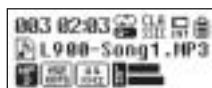
REW ← → FF



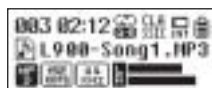
■ A-B Section Repeat

Play back the selected sector repetitively.

- On: 1. Press the REC [] button once briefly during playback to set the A point.
 2. Press the REC [] button briefly again to set the B point. Then, playback will be repeated between the point A and B.
- Off: Press the REC [] button once briefly.



Setting A Point



Setting B Point

MP3
PLAYER

Music Mode

■ MP3 MENU

Set the MP3 menu item.

When pressing the MENU [] button longer once, the MP3 menu will be appeared in the MP3 mode. Can select the MP3 menu using the FF/REW [] button and then can enter into the MP3 MENU using the MENU [] button. Using the REC [] button can be back to previous mode.



■ MP3 MENU ITEM

For moving the items, use the +/- [] button and for entering the detailed menu, use the MENU [] button.



■ PLAY MODE

- * FOLDER REPEAT : Play back the selected folder repetitively.
- * ONE REPEAT : Play back the only selected file repetitively.
- * ALL REPEAT : Play back all selected files repetitively.
- * SCAN ALL : Play back all files repetitively like ALL REPEAT, but only plays back for 10 seconds
- * RANDOM PLAY : Play back all selected files at random.
 Altered data is saved when the power is turned ON/OFF.
 When play back or stop, the PLAY MODE can be changed by pressing the REC [] button longer.



MP3
PLAYER

Music Mode

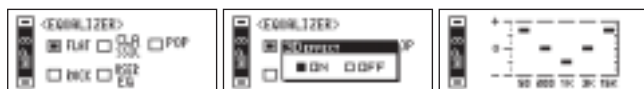
- EQUALIZER

Can select tone color for any special music characteristic.

(FLAT, CLASSIC, POP, ROCK, USER)

The altered data is saved when the power is turned ON/OFF.

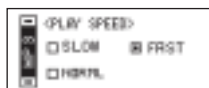
When music plays back or stops, EQUALIZER can be changed by pressing the FUNC [] button.



- SPEED

Can change the play speed in the current playing music.

The altered data does not save when power turns ON/OFF, and can change while playing.



- ID3 TAG

Displayed ID3 TAG information can be ON/OFF.



MP3
PLAYER

Voice Mode

Basic Functions

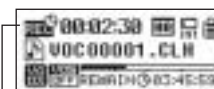
■ Recording

Record a voice or a sound.

Record: Press the REC [] button once briefly.

Stop: Press the REC [] button once briefly again.

Pause: Press the PLAY/STOP [] button once briefly.



Recording time
in progress

Recording

currently available
recording time



Stop Recording

Note

- ▶ Recording files will be saved and identified by the letter "VOC***.CLH/VOC***.CLL" in /VOICE folder.
- ▶ You cannot hear the recording sound during recording.
- ▶ Can record up to 100 files both INTERNAL and EXTERNAL.
- ▶ Can save at least 3sec recording.

■ Play/Stop

Playback: Select the file to play back when the player is turned on and press the PLAY/STOP [] button once briefly.

Stop: Press the PLAY/STOP [] button once briefly.



MP3
PLAYER