OPERATING THE FM TUNER
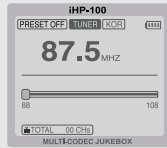
○ **While playing Audio File, Press and hold the PLAY/PAUSE button.**

길게 클릭

The FM function picture displays on the LCD. ▶

iHP-100
PRESET OFF TUNER KOR
87.5 MHZ
88   108
TOTAL   00 CHs
MULTI-CODEC JUKEBOX

○ **Push the ⏮ or ⏭ button to select FM frequency.**

밀어줌

iHP-100
PRESET OFF TUNER KOR
91.9 MHZ STEREO
88   108
TOTAL   00 CHs
MULTI-CODEC JUKEBOX
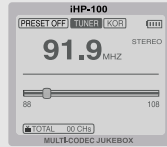
○ **Press the STEREO/PLAY/PAUSE button to select Stereo/Mono.**

클릭

Selecting Frequency

① To change frequency, push the ⏮ or ⏭ switch to the left or the right.
(ex : 87.5 ▬ 87.6)
or   밀어줌

② Auto Scan function: To select a memorized channel, press the NAVI/MENU button to cancel Preset function and find the channel by pushing the ⏮ or ⏭ switch to the left or the right.
or   밀어줌

③ PRESET Mode : To select a channel saved in memory, press the Navi/Menu button and find the channel by pushing the ⏮ or ⏭ switch to the left or the right.
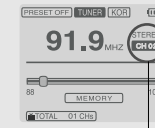
91.9 MHZ CH 01   93.9 MHZ CH 02   95.1 MHZ CH 03

Memory Function (Save channels manually)

① Select the channel by pushing the ⏮ or ⏭ switch to the left or the right.

②
91.9 MHZ STEREO
88 108
TOTAL 00 CHs
A-B 클릭
91.9 MHZ STEREO CH 01
88 MEMORY 108
TOTAL 01 CHs

Push ⏮ or ⏭ and select the desired channels.
91.9 MHZ STEREO CH 02
88 MEMORY 108
TOTAL 01 CHs
again
A-B
Save complete

Select CH02

클릭
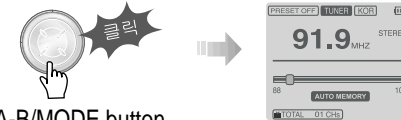will exit the memory function without saving.

③ Up to 20 channels can be memorized.

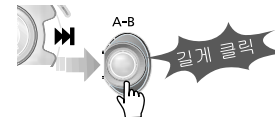## Auto Memory Function (Save channels automatically)

Auto memory function :
Automatically select channels and save them in sequential order.

① Press the NAVI/MENU button to cancel PRESET.
클릭
91.9 MHZ STEREO
88 AUTO MEMORY 108
TOTAL 01 CHs

② Press and hold the A-B/MODE button.
A-B 길게 클릭

▶ Note : Auto memory may not work within weak transmission areas.

Memory delete function (Delete saved channels)

1 Select the channel to be deleted at preset mode.

2 Press and hold the memory button.

PRESET ON TUNER KOR

91.9 MHZ STEREO CH 02

88

TOTAL 03 CHs

CH 02

A-B

길게 클릭

PRESET ON TUNER KOR

95.1 MHZ STEREO CH 03

88

TOTAL 03 CHs

CH 03

- The next channel will appear when channel deletion is completed.
  Push the MEMORY button if you want to delete the next channel also.

▶ FM Tuner reception may vary in different areas.
▶ While in Preset mode, auto scan and auto memory functions are not available.
▶ When the player does not have any preset channels, EMPTY will be blinking at preset mode.

Connecting the player to an external audio equipment

Connect the stereo cable between LINE IN jack of the player and LINE OUT jack or Headphone jack of an external audio equipment.

An external audio equipment has the Optical Out jack, connect the Optical cable between Optical In jack of the player and Optical Out jack of an external audio equipment. It possess both Line In/Out jack and Optical In/Out.
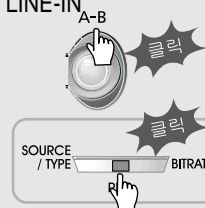
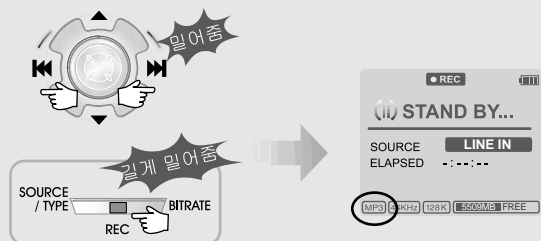*1* Press the REC button to activate recording standby mode.

REC

클릭

● REC

STAND BY...

SOURCE LINE IN
ELAPSED -:--:--

MP3 44KHz 128K 5509MB FREE

■ If you press the REC button while receiving FM, FM recording starts without recording standby mode.

2 Press A-B/MODE button or push the REC switch toward SOURCE/TYPE to select the source to record
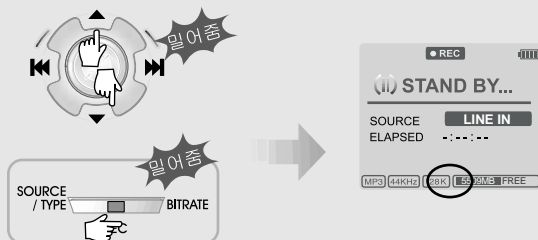   - To record voice : MICROPHONE
    - To record from an external audio equipment with digital optical signal : OPTICAL
    - To record from an external audio equipment with analogue signal : LINE-IN

A-B

클릭

SOURCE / TYPE BITRATE

클릭

● REC

STAND BY...

SOURCE LINE IN
ELAPSED -:--:--

MP3 44KHz 128K 5509MB FREE

3 Push the MENU/NAVI handle toward |◄◄ or ►►|, or push the REC button of remote control toward SOURCE/TYPE to select FILE TYPE to save.

밀어줌

길게 밀어줌

SOURCE / TYPE — BITRATE
REC

● REC

STAND BY...

SOURCE   LINE IN
ELAPSED   --:--:--

MP3 44KHz 128K 5509MB FREE

4 Push the MENU/NAVI handle toward ▲ or ▼, or push the REC button of remote control toward BITRATE to select BITRATE TYPE to set recording quality.

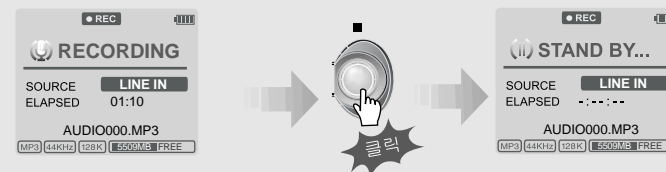밀어줌

밀어줌

SOURCE / TYPE — BITRATE

● REC

STAND BY...

SOURCE   LINE IN
ELAPSED   --:--:--

MP3 44KHz 128K 5509MB FREE

5 Push the REC button to start recording.
When recording from an external audio equipment, start playback of it first.

REC

클릭

● REC

RECORDING

SOURCE   LINE IN
ELAPSED   01:10

AUDIO000.MP3
MP3 44KHz 128K 5509MB FREE
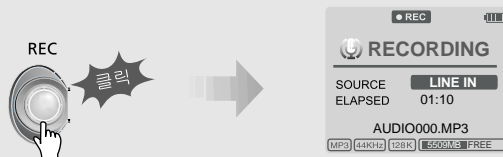
NOTE Volume is not controlled during recording.

30

6 While recording, press ■(STOP/PWR OFF) to stop recording and go recording standby mode. Press the REC button again to record a file as new name at recording standby mode.
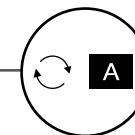
● REC

RECORDING

SOURCE   LINE IN
ELAPSED   01:10

AUDIO000.MP3
MP3 44KHz 128K 5509MB FREE

클릭

● REC

STAND BY...

SOURCE   LINE IN
ELAPSED   --:--:--

AUDIO000.MP3
MP3 44KHz 128K 5509MB FREE

■ During FM recording, press ■ (STOP/PWR OFF) to stop FM recording and changed to FM receiving status automatically.

■ Press the REC button to pause recording. And press the REC button again to restart FM recording.

31

■ At recording standby mode, press and hold ▶|| button to go previous
  mode.

```
  ● REC           ▭
(||) STAND BY...
  SOURCE      LINE IN
  ELAPSED   -:--:--
  MP3 44KHz 128K 5509MB FREE
```

```
0004          ▶PLAY ↻ A 🔒 ▭
📁RECORD
  RECORD
▶📄REC000 MP3
           ELAPSED  02 : 04
  MP3 44KHz 128K NORMAL ▮▮▮▮▮▮▮▮
```

■ If you press the REC button during receiving FM, FM recording is
  immediately started without any operation

■ The recorded files is saved as below path according to the recording
  source.
  - Line In : ROOT\RECORD\AUDIO\AUDIOXXX.MP3(WAV)
  - Mic In : ROOT\RECORD\VOICE\VOICEXXX.MP3(WAV)
  - Tuner : ROOT\RECORD\TUNER\TUNERXXX.MP3(WAV)

■ Recording is automatically stopped at the condition as below.
        - the player's memory is full
        - the size of the recorded file is larger than 195MB.
        - the recorded time is longer than 5 hours.

You can enjoy various ways of playing by using playback mode.
Please refer to the function controls (Refer to page 22 for details) for user-
defined configurations.

```
0004          ▶PLAY ↻ A 🔒 ▭
📁ROOT
🎤이재인
▶📄관심(High on You
           ELAPSED   02 : 04
  MP3 44KHz 128K NORMAL ▮▮▮▮▮▮▮▮
```

◀ When A-B/MODE
  button is pushed, icon
  in the playback mode
  indicator is changed.

A

■ **REPEAT**

↻1	Play a single track repeatedly. Press |◀◀ or ▶▶| to play the previous or next music.
D	Play all tracks in the folder and stop.
↻D	Play all tracks in the folder repeatedly.
↻A	Play all tracks in the player repeatedly.

■ **SHUFFLE**

SFL	Randomly play all tracks in the player and stop.
SFL 1	Play a single track repeatedly. Press |◀◀ or ▶▶| to play the music randomly.
SFL D	Randomly play all tracks in the folder and stop. Press |◀◀ or ▶▶| to play the music in the folder randomly.
SFL DA	Randomly play all tracks in the folder repeatedly.
SFL A	Randomly play all tracks in the player repeatedly.

■ **INTRO**

INTRO	**INTRO**: Plays the beginning 10 seconds of each track in sequential order. **INTRO HIGHLIGHT**: Plays 10 seconds from 1 minute into each track in sequential order. You can set this function in the MENU function.

EQ

■ You can set the EQ function by using Function Menu.
Refer to page 43.

0004 ▶PLAY ↻ A 🔒 ▯▯▯▯
🗀 ROOT
🎤 이재인
🎵 관심(High on You

ELAPSED **02 : 04**
MP3 44KHz 128K NORMAL ▮▮▮▮▮▮▮▮

| NORMAL | ROCK | JAZZ |
| CLASSIC | ULTRA BASS | USER EQ |

Configuration

Function Control is subject to change with different firmware versions.
Users can configure their own settings.

General
+– Beep Volume
+– Resume
+– Fade In
+– Language
+– Tuner Region
+– Load Default
+– Firmware Upgrade
+– DB Scan

Display
+– Back Light (Battery)
+– Back Light (Adapter)
+– Lcd Contrast(Main)
+– Lcd Contrast(Remote)
+– Tag Information
+–Time

Timer
+–Sleep Timer
+– Stop Power Off

Control
+– Scan Speed
+– Scroll Type
+– Optical Out

Mode
+– Repeat
+– Shuffle
+– Intro

Sound
+– Sound Balance
+– EQ
+– Bass Boost
+– Treble Boost

Record
+– Record Type
+– Bitrate
+– AGC

Menu Operation

1   Press and hold the NAVI/MENU button to display the menu system.
It is composed of 7 main menus with sub-menus.
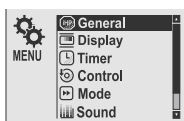
▼ MAIN MENU   ▼ SUB MENU
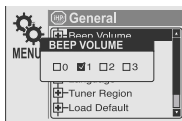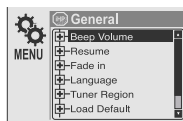
2   When you select a sub menu, you can set your preference to be displayed.

■ **Scroll between Menu**

Press and hold the NAVI/MENU button to display the main menus. Push Volume ▲, ▼ to scroll between main-menus.
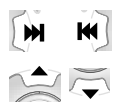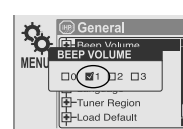Press the NAVI/MENU button to select sub-menu
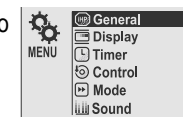
■ **From Main Menu to Sub Menu**

Push the NAVI/MENU button after selecting submenu to set by using ▲, ▼, and the selected submenu is displayed.
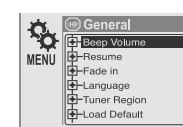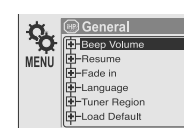
■ **Setting by user**

Push the NAVI/MENU button after selecting item to set by using ⏮, ⏭ or ▲, ▼.
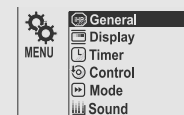The selected item is saved.

■ **Exit Sub Menu**
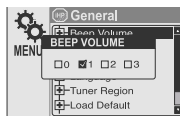
Press ⏮ to display the initial setting menu.

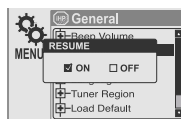Press ⏮ at the initial setting menu to exit Function Control Mode.

GENERAL

■ BEEP VOLUME
Set beep volume level to 0 / 1 / 2 / 3 step. Set to "0" for OFF.

General
BEEP VOLUME
□0 ☑1 □2 □3
Tuner Region
Load Default

■ RESUME
When activated, player returns to the same settings after STOP or Power OFF.

General
Beep Volume
RESUME
☑ ON   □ OFF
Tuner Region
Load Default

■ FADE IN
When activated, volume increases gradually at playback mode to prevent sudden loudness.

General
Beep Volume
FADE IN
☑ ON   □ OFF
Tuner Region
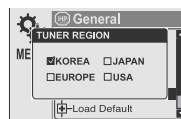Load Default
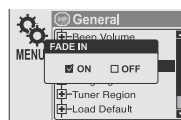
■ LANGUAGE (Supports 38 languages)
Song title and ID3 tag information is dependent on the version of the PC operating system that was used to create it. (For example, if a MP3 files is created in a Korean version of Windows, the language setting should be Korean for proper title display)
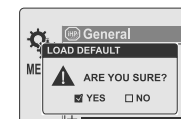
General
RANGUAGE
□Indonesia
□Italian
□Japanese
☑Korean
□Latuian

■ TUNER REGION
You can set the FM frequency and step according to your area.

Set them to fit your region to receive FM Radio.

General
TUNER REGION
☑KOREA   □JAPAN
□EUROPE   □USA
Load Default

■ LOAD DEFAULT VALUE
Initialize all settings to original factory setting.

General
LOAD DEFAULT
⚠ ARE YOU SURE?
☑ YES   □ NO

■ FIRMWARE UPGRADE
You can upgrade the player's Firmeare.
Refer to page 45 for details.

General
FIRMWARE UPGRADE
⚠ ARE YOU SURE?
□ YES   ☑ NO
Firmware Upgrade

■ DB SCAN
Turn the Navigation to search by using ID3 Tag on or off.

General
FIRMWARE UPGRADE
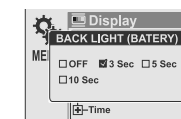⚠ ARE YOU SURE?
□ YES   ☑ NO
Firmware Upgrade

DISPLAY

■ BACK LIGHT (Battery)
You can adjust the time that the Backlight stays on while the player is operated using the battery built in the player.
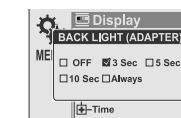
Adjust Back Light by OFF / 3 sec / 5 sec / 10 sec.

Display
BACK LIGHT (BATERY)
□OFF ☑3 Sec □5 Sec
□10 Sec
Time

■ BACK LIGHT (Adapter)
You can adjust the time that the Backlight stays on while the player is operated using AC adapter.
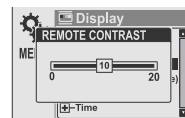
Adjust Back Light by OFF / 3 sec / 5 sec / 10 sec / Always. If Always is selected, backlight is always on.

Display
BACK LIGHT (ADAPTER)
□ OFF ☑3 Sec □5 Sec
□10 Sec □Always
Time

■ LCD CONTRAST (Main)
Adjust LCD contrast of the player.

Display
LCD CONTRAST
ME
0   10   20
⊞−Time
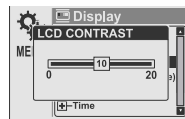
■ LCD CONTRAST (Remote)
Adjust LCD contrast of remote control.

Display
REMOTE CONTRAST
ME
0   10   20
⊞−Time

■ TAG INFORMATION
ON : Displays track with ID3 tag information and you
        can change the configulation of Tag information.
OFF : Displays track with file name.

When you set the tag information off, the track is
playing and the next track can be displayed with ID3
tag information.

Display
TAG INFORMATION
ME
☑ON   ☐OFF
⊞−Tag Information
⊞−Time

■ TIME
Normal : display elapsed time.
Remain : display remaining time.

Note : In case of VBR MP3 file, the remaining
          time may display accurately.

Display
TIME
ME
☑Normal   ☐Remain
⊞−Tag Information
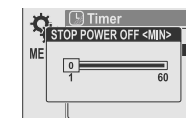⊞−Time

40
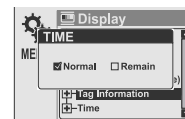
TIMER(Set Auto Power Off)

■ SLEEP POWER OFF
Automatically power off after fixed time
(Time range can be set from 1 to 99 minutes).

▷ When the power is off, the sleep power off setting goes
back to Zero setting.

Timer
SLEEP TIMER <MIN>
ME
0
0   99

■ STOP POWER OFF
Automatically turns power off at stop mode.
(Time range can be made from 1~60 minutes.)

Timer
STOP POWER OFF <MIN>
ME
0
1   60

CONTROL

■ SCAN SPEED
The fast scan speed can range from
OFF / 1x / 2x / 4x.

It is useful when fast-searching a music.

Control
SCAN SPEED
ME
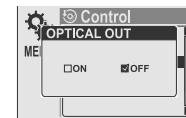☐OFF ☑1X ☐2X ☐4X

■ SCROLL TYPE
 Adjust scroll speed by
1x / 2x / 4x / Vertical / Horizontal.
Vertical : The scroll goes up and down
Horizontal : The scroll goes from the left to
                  the right.

Control
SCROLL TYPE
ME
☐1X ☐2X ☐4X
☑Vertical   ☐Horizontal

■ OPTICAL
ON : Optical signal is output from the next music.

❉ Caution : Don't see the laser beam from Optical
                  Jack directly.

Control
OPTICAL OUT
ME
☐ON   ☑OFF

41

MODE (PLAYBACK MODE)

■ REPEAT MODE / SHUFFLE MODE
You can select a file or directory to want to listen repeatedly
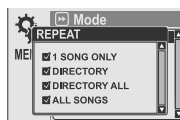
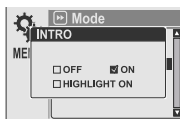You can play the selected mode simultaneously by setting REPEAT MODE / SHUFFLE MODE respectively.
(Refer to 33 page for details about each mode)

■ INTRO MODE
**INTRO MODE** plays the beginning 10 seconds of each track.
INTRO HIGHLIGHT plays the first 10 seconds from the spot 1 minute was played for each track in
sequential order.

SOUND

■ SOUND BALANCE
Balance your sound to the right or left or keep it in the center according to your preference. When Sound Balance bar is moved to L (Left, 20),the sound outputs at the left earphone. When the bar is moved to R (Right, 20) the sound outputs at the right earphone.
The default value is 0 and the sound outputs the same level at both earphones.
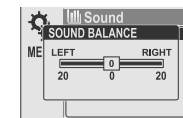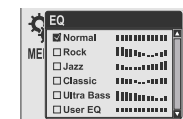
■ EQ
You can select 6 EQ.

EQ is selected as follows :
Normal → Rock → Jazz → Classic → Ultra Bass → User EQ

■ BASS BOOST
Bass Boost level is from 0 to 18dB by 2 step.

■ TREBLE BOOST
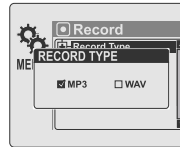Treble Boost level is from 0 to 6dB by 2 step.

REC MODE

■ RECORD TYPE

Adjust the format to recorded.
You can select one of MP3 or WAV.

You can also set it by using ◄◄ or ►►| button at recording standby mode.
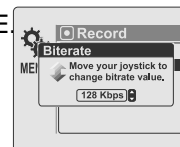
Record
RECORD TYPE
☑ MP3   ☐ WAV

■ BIT RATE

You can adjust recording quality by setting BIT RATE.
The higher BIT RATE is, the better the recorded sound is and the lower it is, the worse the recorded sound is.

Record
Biterate
Move your joystick to change bitrate value.
128 Kbps

If you adjust the higher BIT RATE, the capacity of recorded file is bigger.

The Bit Rate can range from 32kbps to 320kbps. (Refer to page ??)
You can also set it by using ◄◄ or ►►| button at recording standby mode.

■ AGC

ON : When voice recording, the recording level is automatically controlled and then the sound from a long distance is normally recorded.

Record
AGC
☑ ON   ☐ OFF

AGC function is operated at voice recording mode.

Firmware Upgradable

Upgrade your firmware at www.iRiver.com.

What is FIRMWARE?

It is the operating system that works in the iMP-50.
iRiver provides you with the latest and best features through Firmware Upgrade.
Visit www.iriver.com to upgrade your Firmware.

How to UPGRADE?

1. Download the latest firmware upgrade file from www.iRiver.com.

2. Save the file on the ROOT of the storage after extraction.

3. Connect the adapter to the iHP-100.
   (Caution : Certainly upgrade your firmware after connecting AC Adapter)

4. Select the Firmware Upgrade on the MENU.

5. Click the NAVI/MENU button after selecting "YES" on the Alert window.

6. Check whether your LCD window shows "Firmware Upgrading..."

FIRMWARE
UPGRADING
DO NOT TOUCH DURING
FIRMWARE UPGRADE

7. Do not turn the player off or disconnect the player from the PC until the Firmware Upgrading is done. When the power goes off automatically, the upgrade is done. After turning the player on, confirm the Firmware Upgraded operating.

■ During playback, CDs damaged with dirt or a scratch may make a pop sound, clipping sound, or cut off.

■ Supported file types will have the extension MP3, WMA, ASF and WAV. WAV files can be played in case of 44.1KHz / 16Bit.

■ Folders and files are sorted in alphabetical order.
Use Navigation mode to select the tracks wanted.

■ Total 1,000 folders and 5,000 tracks within a storage can be recognized.

■ Track information is displayed either filename or ID3 TAG information.

■ It may be made a bad sector in the Hard Disc of the player by physical shock. It may causes a malfunction. You can protect this by using SCAN DISK etc. built in Windows.

SAFETY

■ **Avoid dropping or impacting the player.**
The player is designed to operate while walking or running, but dropping or excessively impacting the player maybe cause damage.

■ **Avoid contacting the player with water.**
Damage to the internal parts of the player may occur if the player comes into contact with water. If your player gets wet, dry the outside with a soft cloth as soon as possible.

■ Do not leave the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, unleveled surface, or in a car with its windows closed.

■ **Keep the player away from a material with magnetic**

On Headphones and Earphones

■ **Road Safety**
Do not use headphones/earphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

■ **Preventing hearing damage**
Avoid using headphones/earphones at high volume. Hearing experts advise against listening to continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

■ **Consideration for others**
Keep the volume at a moderate level. This will allow you to hear outside sound and to be considerate of the people around you.

● Should any problem persist after you have checked these symptoms, consult your iRiver dealer or contact support at iRiver.com.

|	
No Power	● Check whether the battery is discharged. Check the operation after connectng AC Adapter.
No sound is heard from the player or distortion is heard during playback.	● Check whether VOLUME is set to "0". Connect the remote control / earphone plug firmly. ● Check whether the plug is dirty (clean the plug with a dry and soft cloth). ● Corrupted Audio file may have a noise or sound cut off.
Characters in LCD are corrupted.	● Check out Menu ▷ Display ▷ Language and confirm whether the right language has been selected.(Refer to page 38)
Poor FM Reception.	● Adjust the position of the player and earphones. ● Turn off the power of other electric devices near the player. ● The Earphone cord functions as the antenna, they must be plugged in for best reception.
Failed download of MP3 file	● Check the connection between your computer and the player to ensure that the cable is secure. ● Check the condition of the battery. ● Check the operation after connectng AC Adapter.
Recharging does not work.	● Check whether the adapter plug is properly connected. ● Check whether the batteries inserted are rechargeable? ● Fully charged batteries is no more charged.

1 **Remote Control**
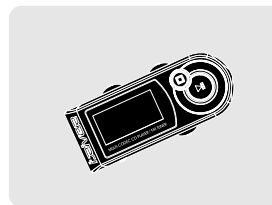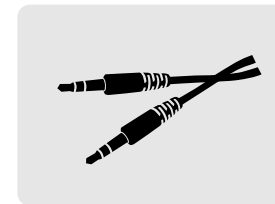
2 **Earphone / Earphone cover**
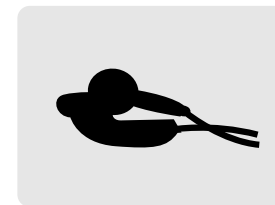
3 **User Manual/ Warranty card**

4 **AC Adapter**
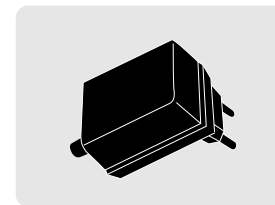
5 **Install CD**
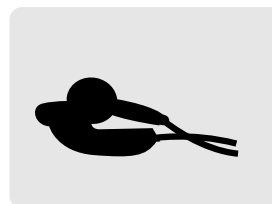
6 **Line in / out Connection Cable**

Category	Item	Specifications
Audio	Frequency/Range	20Hz~20KHz
	Headphone output	13mW(L) +13mW(R) at 16Ω Max. Volume
	S/N ratio	90dB(L), 90dB(R)(When a MP3)
	Frequency Characteristics	±2dB
Audio (FM TUNER)	No of Channels	STEREO(L+R)
	FM Frequency range	87.5MHz~108MHz
	Headphone Output	13mW(L) +13mW(R) at 16Ω Max. Volume
	S/N ratio	50dB
	Antenna	Headphone/Earphone-Cord Antenna
File Support	File TYPE	MPEG 1/2/2.5 Layer 3, WMA , ASF, WAV (44.1KHz / 16Bit)
	Bit Rate	32Kbps ~ 320 Kbps
	Tag	ID3 VI , ID3 V2 2.0, ID3 V2 3.0
Power Supply	AC Adapter	DC 5V , 2A
General	Dimension	Approx. ???(W) x ???(D) x ??(H) mm
	Weight	Approx. ??? g
	Operational Temperature	0℃ ~ 40℃
Max. Playtime	MP3 / WMA / ASF	Approx. 16 hours

Federal Comunications Commission (FCC)

The device manufactured and found to comply with limits for a Class B computing device according to the specifications in FCC rules Part 15. 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 undesired operation.
3. If your device needs repairs, you must arrange for the manufacturer to make them if you are to keep the device's FCC registration valid.

This equipment, like other electronic equipment, generates and uses radio frequency energy. If not installed and used according to the instructions in this manual, this equipment may cause interference with your radio and television reception.
If you think this equipment is causing interference with your radio or television reception, try turning the equipment off and on. If the interference problems stop when the equipment is switched off, then the equipment is probably causing the interference. You may be able to correct the problem by doing one or more of the following:

- Adjust the position of the radio or TV antenna
- Move away the device from the radio or TV

If necessary, consult your dealer or an experienced radio or television technician. You may find this booklet helpful:"How to Identify and Resolve Radio and TV Interference Problems"(Stock No. 004-000-00345-4), prepared by the FCC and available from the U.S Government Printing Office, Washington, DC 20402. See individual devices FCC ID and registration numbers.

For the customers in Europe

The CE mark on the player is valid only for products marketed in the European Union.

서울시 서초구 서초동 1388-7 비나채치타운 1층 Tel : 080-3488-3838 / Fax : 02-3019-1888