MP3
DIGITAL AUDIO

FM **TUNER**

Plays
Windows Media™

Instruction Manual

PORTABLE STORAGE DEVICE
& MULTI - CODEC JUKE BOX
Model iHP-100

iRiver

Model iHP-100

Firmware Upgradable

Thank you for your purchase.
Please read this manual carefully
before using your new player.

iRiver Limited

http://www.iRiver.com

iRiver Limited

http://www.iRiver.co.kr

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.
OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICES MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE, RECEIVED,
     INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED
     OPERATION.

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 technician for help.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR
        TV INTERFERENCE CAUSED BY UNAUTHORIZED
        MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS
        COULD VOID THE USER'S AUTHORITY TO OPERATE THE
        EQUIPMENT.

- **Portable Storage Device**
  IHP-100 can be used as the storage device with 10GB capacity.

- **USB 2.0 is supported**
  IHP-100 is the storage supporting USB 2.0 Interface which maximum transfering speed is 480 MBit/Sec.

- **Multi-Codec Player**
  Supports MP3, WMA and ASF WAV format as multi-Codec player.
  WAV file only support 44.1KHz / 16 Bit.

- **Firmware Upgrade**
  Provides the latest updated features via firmware upgrade.
  New formats such as OGG, AAC, MP3 Pro and etc can be supported in the future with a simple upgrade method. Player features such as add on, modification, and continuous improvement of the player are always provided.

- **Graphic LCD supporting Multiple Languages**
  A total of 38 languages of 37 countries are supported.

- **FM Tuner**
  Auto scanning and frequency memory function make it easy for you to enjoy listening to the FM Radio.

- **This player supports 6 Equalizer Patterns.**
  Normal, Rock, Jazz, Classic, Ultra Bass, User EQ

- **Easy Navigation**
  The simple navigation with tree configulation makes it easy to find or save any song.

- **Total 1000 folders and 5000 tracks within the player can be recognized.**

- **Graphic User Interface Menu Support**

- **FM recording, Voice recording and recording(Line-In/Optical In) from an external audio equipment is supported.**
  When voice recording, recording level is automatically controlled at voice recording mode.

- **Line-Out / Optical-Out function is supported**

- URL : http://www.iRiver.com

- Provides information on our company, products, and email addresses for support.

- Unique feature of "Firmware (system software) Upgrade" is available for download on our site. The Firmware Upgrade provides new features as well as enhancements to current features.

- Register your iRiver product online so that our Customer Service is enabled to provide support as efficiently as possible.

- Contents described in this manual may be changed to improve or any specification without notice.

소프트웨어, 음원, 영상물 등 저작권이 있는 컨텐츠들은 저작권법 등의 관련 법규에 의거하여 저작권이 보호됩니다. 본 제품을 이용하여 저작권을 가진 컨텐츠를 무단 복제 / 배포할 경우, 법적인 책임은 사용자에게 있습니다.

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■ (Stop)/ Power OFF

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HOLD

UP/ DOWN SIDE

LINE INPUT
(Optical / Analogue)

RESET

OPTICAL / LINE

IN   OUT

USB 2.0

DC IN 5.0V   RESET

REMOTE
CONTROL/
EARPHONES

LINE OUTPUT
(Optical / Analogue)

DC IN 5 V

USB Connection
Port

Jog Handle for Multi
Function Control

LCD Window

THE ORDER
OF SONGS

PLAYBACK MODE

HOLD

0004

PLAY   A

BATTERY INDICATOR

FOLDER NAME ——— ROOT

ARTIST NAME ——— 이재인

TITLE NAME ——— 관심(High on You

Level Meter

Progressve Bar
Level Meter

ELAPSED   02 : 04

Playback
Information

MP3   44KHz   128K   NORMAL

PLAY TIME

FILE FORMAT   BIT RATE   EQ

SAMPLE RATE

Remote Control

■ (STOP) / Power OFF

Power ON / ▶II /
FM ↔ HDD (PLAY / PAUSE)

iriver

MULTI-CODEC JUKEBOX

▶II

BITRATE

SOURCE
/ TYPE   BITRATE

NAVI/MENU   REC

NAVI/MENU
|◀◀|

▶▶|

SOURCE /TYPE

REC

VOL

HOLD

A-B / MODE

HOLD

A-B/MODE

VOLUME -   VOLUME +
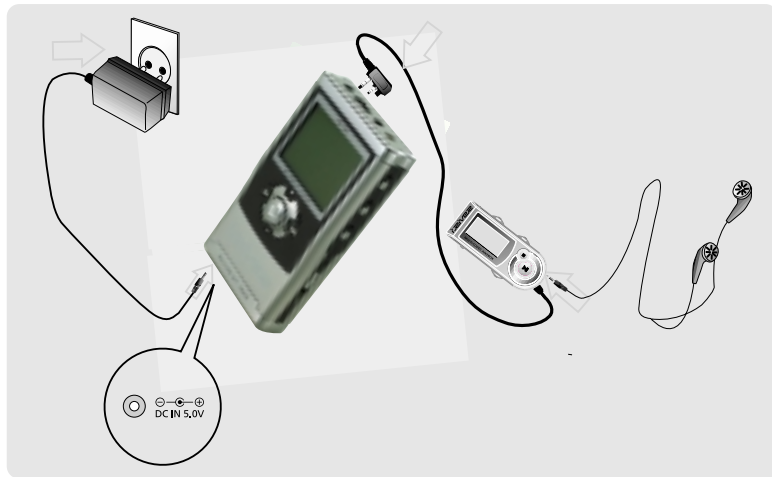
Using AC POWER ADAPTER

1 Use only the AC Power Adapter supplied with the player.

2 Connect the adapter to the 5V DC jack on the player and into an AC outlet.

DC IN 5.0V

Recharging Method

- Rechargeable function can automatically be activated while the AC adapter is connected to the player.
- When fully charged, charge operating indicator is extinguished.

Charging : Approx. 3 hours (At full discharge)
Discharging (Playback time) : Approx. 16 hours (At full charge)

To install "Program"

Windows 2000 and Windows XP have the program to support USB 2.0 Storage Device, and you can use this player without any program installation.
But install iHP manager to use DB function. And install this program to use this player as portable storage at Windows 98SE, ME O/S.

1 Insert the Installation CD into the CD-ROM drive. The following screen appears after inserting the CD.
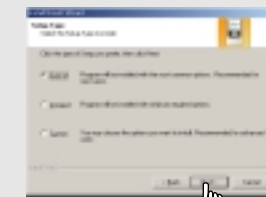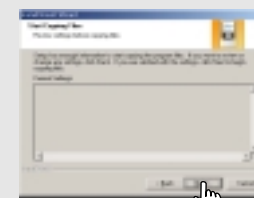
2 Click "Yes" to install the instllation program.
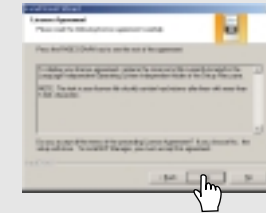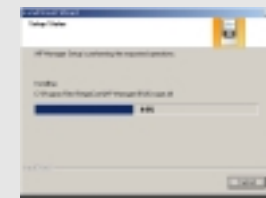
3 Click "NEXT" after writing user's information.

4 Click "Next" after selecting item to be installed.

5 Click "Next".

6 Installation is progressing.
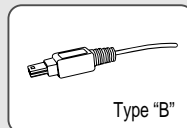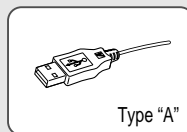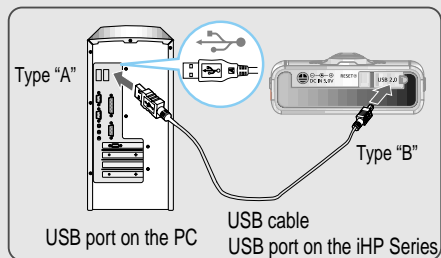
7 Click "Finish".
The installation is completed.

## To connect the iHP-100 to the Host PC

1 Click ▶ ▌▌ to turn on the player.

2 Connecting the USB cable between the player and Host PC.

Type "A"

Type "A"

Type "B"

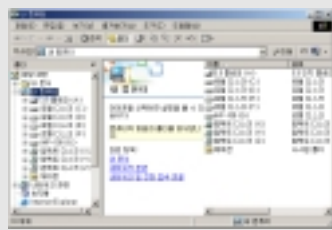USB port on the PC

USB cable
USB port on the iHP Series

Type "B"

3 Check whether the icon on the window was made.
Only a icon may be made according to the O/S.

If the host PC using Windows98 etc. do not recognize the player, install iHP-100 Device Driver to the host PC (Refer to page 12).
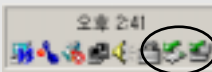
4 Confirm whether new driver is added on the explorer.

The initial volume name is "iHP-100".

To install the iHP-100 Device Driver

This processing must be done after installing the iHP-100 Manager Program.

1 If the player is recognized on the host PC, "Add New Hardware Wizard" is activated. Click "Next".
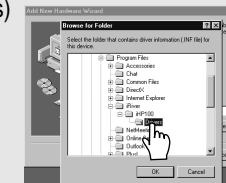
2 Click "Next" after selecting "Driver Search" option.

3 Click "Next" after selecting the folder saved the "iRiHP. inf"

4 Click "OK" after selecting the folder installed the "iRiHP. inf" file (C:\ProgramFiles\iRiver\iHP100\ drivers)

5 **Click "Next"**
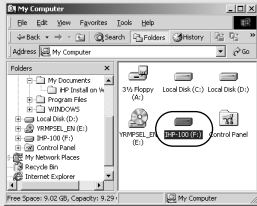
6 **Click "Next"**

7 **Click "Finish"**
Completed the installation of "Device Driver".

To use as a portable storage

If the player is not connected to the host PC, connect it to the host PC. (Refer to page 10)
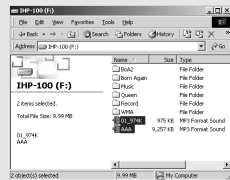
1 Check the icon of the player on the PC window and confirm whether the player is added as a new driver on the explorer.

2 To copy from the PC to the player Drag and Drop to copy folders or files of the PC to the driver of the player.
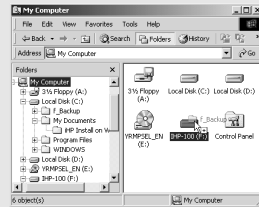
3 Click "Delete" after selecting the files or folders to delete on the iHP-100 and Click "Yes" to delete.

You can use all functions using explorer and hard driver of the player as well as copying / deleting as like HDD driver.

⚠ **Note**
Use AC Adapter when you use the player with connection to the host PC for a long time.
If the battery's shortage occurs during tranfering datas, Data transfering may be stopped.

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To disconnect the player from the Host PC

1 Click anyone of 2 icons.

2 Click "Stop iRiver iHP-100-Driver(X)" or "Safely Remove TOSHIBA MK1—3GAL USB Disk - Drive(X:)". (X : Disc Driver name)

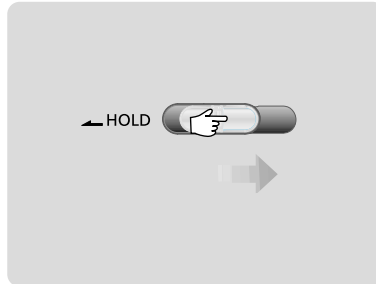*3* Click "OK" after confirming the "Safe To Remove Hardware" massage.

4 Disconnect the USB cable between the iHP-100 and host PC.

13

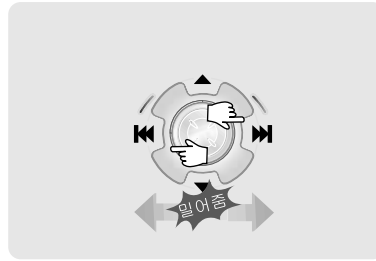*1* **Connect the earphones and remte control as shown below.**
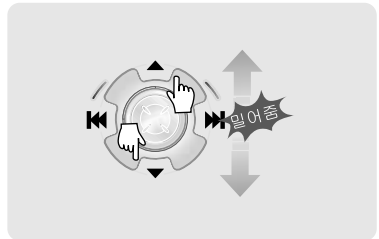
2 **Put the HOLD switch to "OFF".**

HOLD

3 **Press the PLAY/STOP button to turn on the player. Press it again to play.**

클릭

4 **To select music**
|◄◄ : To select previous music
►►| : To select next music

밀어줌

밀어줌

5 **To adjust the volume**
+ : To increase volume
− : To decrease volume

밀어줌

NOTE

- When "Hold" is ON, the buttons on the player will not function.
- In case of stop status of the player or standby status of Voice recording, the player automatically turns off according to the setting of "STOP POWER OFF" on the MENU.(Refer to page 41)

■ **To play / Pause**

클릭

■ **To stop**

클릭

■ **To play next track**

밀어줌

■ **To play previous track**

밀어줌

■ **To fast forward**

길게 밀어줌

■ **To fast reverse**

길게 밀어줌
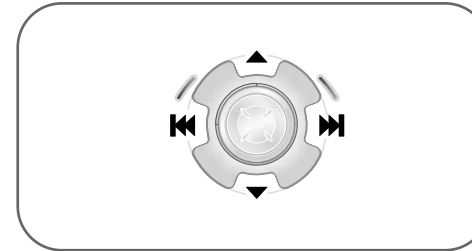
■ **To turn off the player**

길게 클릭

Tip

File Format displayed as below

| MP3 | ▷ MP3 | WMA | ▷ WMA |
| ASF | ▷ ASF | WAV | ▷ WAV |

0004
ROOT
이재인
관심(High on You
ELAPSED 02 : 04
MP3 44KHz 128K NORMAL

14

15
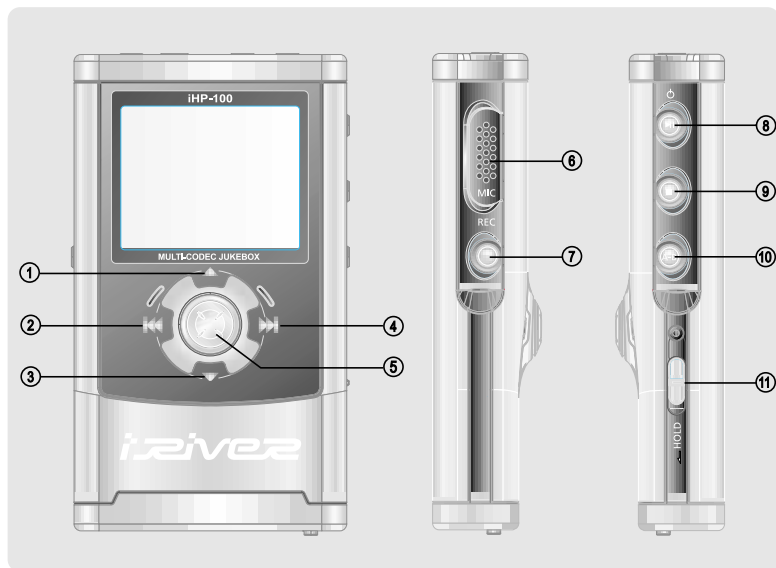
To activate Navigation

클릭

To activate Menu

길게 클릭

1. To increase volume.
2. To select the previous music for
   Audio files or station for FM.
3. To increase volume.
4. To select the next music for Audio files or
   station for FM.
5. To select NAVI/MENU function.
6. Internal Microphone
7. To change record standby mode or start recording.
8. To start or pause playback to change FM ↦ HDD.
9. To stop playback or recording or turn off.
10. To select EQ mode, A-B repeat or memory stations
    for FM automatically.
    EQ : NORMAL ↦ ROCK ↦ JAZZ ↦
    CLASSIC ↦ U. BASS ↦ User EQ
11. HOLD : the buttons on the player will not function
    or not.

Basic Operation

To Record

[Record standby]

클릭

To adjust the volume
Press + on volume button to increase
volume and press – on button to
decrease volume.

밀어줌

File playback ↦ FM
receiving

길게 클릭
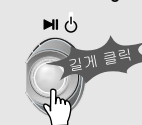
(Refer to page 26)

Selecting FM
Mode when listening
FM :

클릭

[To select source to record]

클릭

[To select Bitrate Type]   [To select File Type]

밀어줌

밀어줌

[To start recording]

클릭

[To stop recording /
Standby for recording]

클릭

NAVIGATION

■ Press NAVI/MENU button and find the desired track by pressing the VOL + or VOL –
button, |◄◄ or ►►|, NAVI/MENU button.

■ There are two methods using ID3 Tag and PATH/NAME of File on NAVIGATION.
Refer to page 21 for details.

The remote control operates every function using 5 buttons.
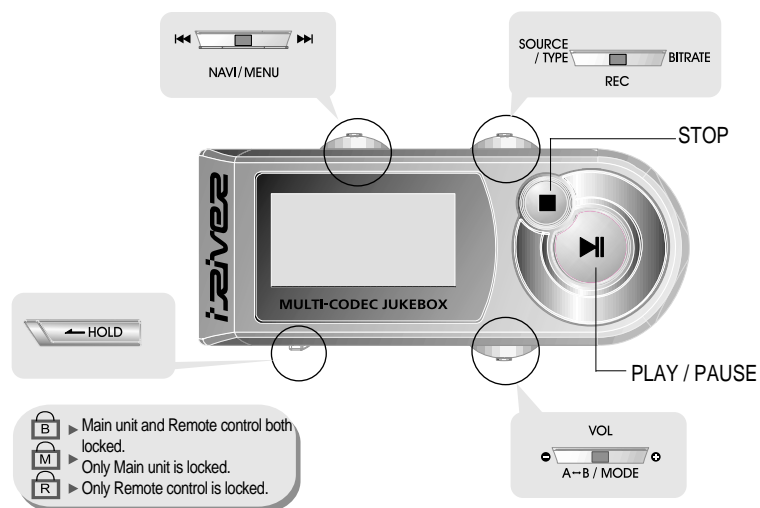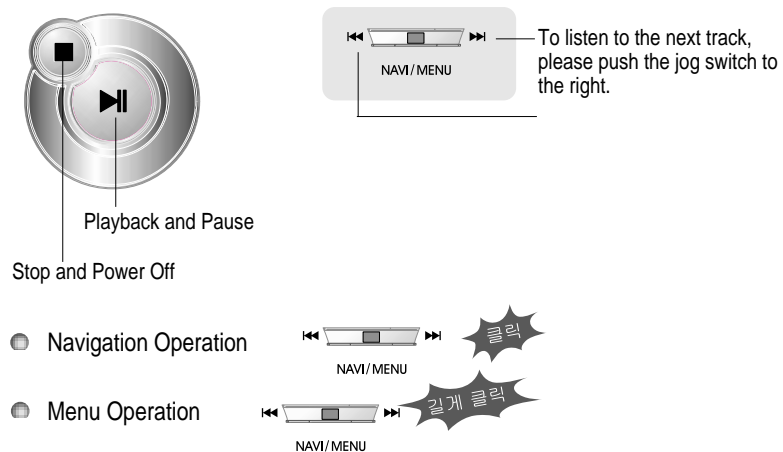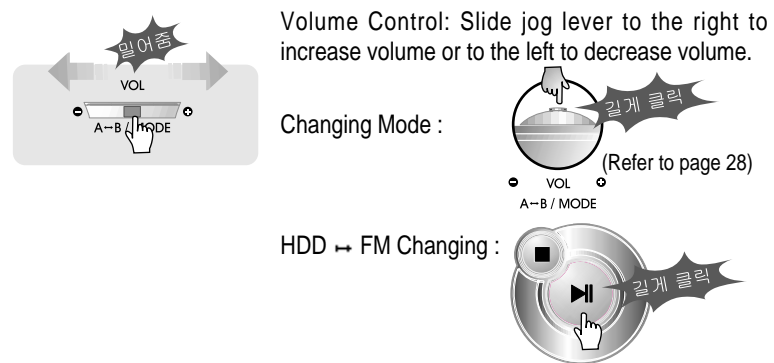
NAVI / MENU

SOURCE / TYPE   BITRATE

REC

STOP

HOLD

MULTI-CODEC JUKEBOX

PLAY / PAUSE

VOL
A←B / MODE

B ▶ Main unit and Remote control both locked.
M ▶ Only Main unit is locked.
R ▶ Only Remote control is locked.

Basic Operation Function

NAVI / MENU

To listen to the next track, please push the jog switch to the right.

Playback and Pause

Stop and Power Off

Navigation Operation   NAVI / MENU   클릭

Menu Operation   NAVI / MENU   길게 클릭

Basic Operation Function

VOL
A←B / MODE   밀어줌

Volume Control: Slide jog lever to the right to increase volume or to the left to decrease volume.

Changing Mode :   길게 클릭

(Refer to page 28)

VOL
A←B / MODE

HDD ↦ FM Changing :   길게 클릭

NAVIGATION

Press the Navi/Menu jog lever with a short click and find the desired track by pressing ◄◄ or ►►ı To play the track, press Navi/Menu with a short click.

To move to the upper folder, press ■ with a short click.
In case there is not the upper folder, exit NAVIGATION function.

MENU

Long press of NAVI/MENU will execute menu function.

① Scrolling between menus : Press ◄◄ and ►►ı
② Select Function: press Navi/Menu button.
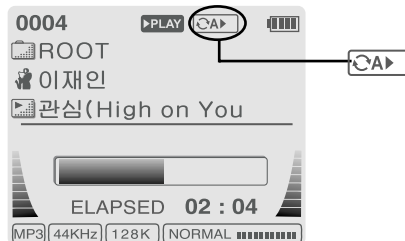③ Exit : Press ■ with a short click.

NAVI / MENU   밀어줌

MODE

While Audio File is playing, press A-B/MODE button with a long click to activate selected modes, such as Repeat and Shuffle.

VOL
A←B / MODE   길게 클릭
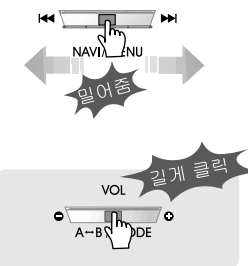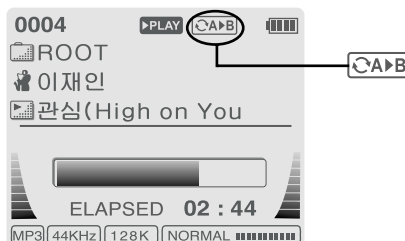
Interval Repeat

Play selected interval repeatedly while playing.

Press A-B button once to select the beginning <A> Point.

A-B

클릭

```
0004          ▶PLAY  ↻A▶       ▮▮▮▮
▤ROOT
♙이재인
▶관심(High on You

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

↻A▶

Press A-B button again to select the ending <B> Point.

A-B

클릭

```
0004          ▶PLAY  ↻A▶B      ▮▮▮▮
▤ROOT
♙이재인
▶관심(High on You

      ELAPSED    02 : 44
MP3 44KHz 128K NORMAL ▮▮▮▮▮▮▮▮▮▮
```

↻A▶B

● A-B interval will be repeated.

It is useful when fast-searching your favorite file of files listed on the player by using ID3 Tag information and file name.

In case DB file (irivnavi.idb) was damaged or deleted, it is operated as a music searching function by using File Tree information.
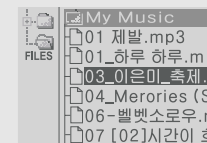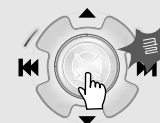
1. Navigation using File Tree

1 Press the NAVI/MENU handle to display the list of musics.
And the current playing music is displayed.

클릭

```
        ▤ROOT
FILES  ▢030314
       ▢내려받기
       ▢My Music
       ▢RECORD
       ▯[02] 시간이 흐
       ▯윤도현live2-L
```

2 Push the NAVI/MENU handle toward ▲ or ▼ to select a music or folder to play.

밀어줌

```
        ▤ROOT
FILES  ▢030314
       ▢내려받기
       ▢My Music
       ▢RECORD
       ▯[02] 시간이 흐
       ▯윤도현live2-L
```

3 Press the NAVI/MENU handle to play the selected music or to display the contents of the selected folder.

클릭

```
        ▤My Music
FILES  ▯01 제발.mp3
       ▯01_하루 하루.m
       ▯03_이은미_축제.
       ▯04_Merories (S
       ▯06-벨벳소로우.m
       ▯07 [02]시간이 흐
```

● If you select a folder, start playback after selecting a music to play by repeating 2~3 steps.

● Push the NAVI/MENU handle toward ◀◀ to go the upper folder or the previous menu.

2. Navigation using Music Information

It is useful when fast-searching your favorite file of files listed on the player by using ID3 Tag information and file name.

In case DB file (irivnavi.idb) was damaged or deleted, it is operated as a music searching function by using File Tree information.

1 Press the NAVI/MENU button.
The function selection graphic displays on the LCD.

클릭

ARTIST MENU
THIS MENU HELPS YOU SEARCHING LISTS BY ARTIST'S NAME, IN ALPHA-BETICAL ORDER.

2 Push the NAVI/MENU handle toward |◄◄ or ►►| to select the searching function.

밀어줌

GENRE MENU
SEARCHING YOUR FAVORITE MUSICS BY THIS GENRE MENU FOR VARIOUS MUSIC STYLES IN YOUR HARDDISKS.

| To search by artist's name | To search by album's name | To search by genre menu | To search by title name | To search by files & folders |

3 Press the NAVI/MENU button to display detail picture of the selected searching function.

클릭

GENRE
Ⓖ(12)Other
ⒼGeneral Rock
ⒼGeneral Rock/R
ⒼR&B
ⒼRNB
ⒼUnknown
ⒼUnknown
TOTAL 7
SELECT 2

4 Press the NAVI/MENU handle toward ▲ or ▼ to select searching condition.

밀어줌

GENRE
Ⓖ(12)Other
ⒼGeneral Rock
ⒼGeneral Rock/R
ⒼR&B
ⒼRNB
ⒼUnknown
ⒼUnknown
TOTAL 7
SELECT 2

5 Press the NAVI/MENU button to display detail picture of the selected searching function.

클릭

GENRE
ⒼR&B
Ⓐ이은미
ⒶSelect All
TOTAL 2
SELECT 1

● If the selected item has not any detail condition, the selected music starts playback immediately.

0004   ►PLAY ⟳ Ⓐ 🔒 🔋
🗀ROOT
🎤이재인
🎵관심(High on You

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

● When you select "Select All", all music fit to the selected condition are played repeatedly and 🔁 is displayed on the display.

● To cancel List Repeat Mode, press STOP button at the stop mode.

● Repeat 4 ~ 5 steps to search another file.

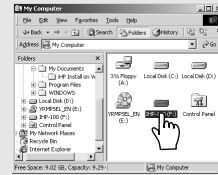● Push |◄◄ to go back the previous step.

To update DB

When DB file (irivnavi.idb) was damaged or deleted by your mistake, you can not use NAVIGATION by using ID3 Tag information.
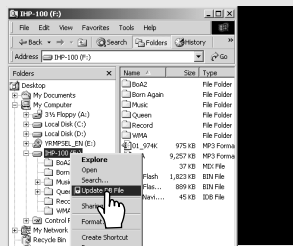You can create or restore DB file by using the host PC.

1 Connect the player to the host PC. (Refer to "Connecting the iHP-100 to the Host PC", page 10)
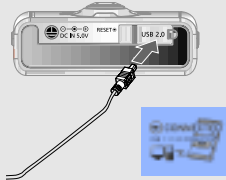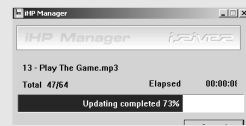
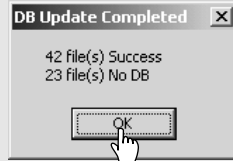*2* After activating the explorer on the PC, select iHP-100 driver.

3 Click the right button of mouse.

*4* Select "DB File update" to activate DB File update.

5 Click "OK".

6 After disconnecting the player from the host PC, you can use the Navigation function using ID3 Tag. (Refer to "Disconnecting the player from the Host PC", page 13.)
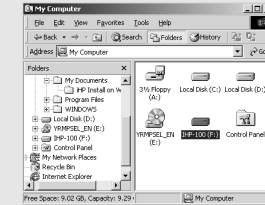
To add DB

When DB file (irivnavi.idb) was damaged or deleted by your mistake, you can not use NAVIGATION by using ID3 Tag information.
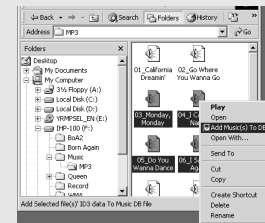You can create or restore DB file by using the host PC.

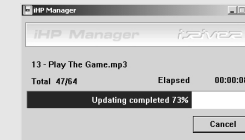*1* Connect the player to the host PC. (Refer to "Connecting the iHP-100 to the Host PC", page 10)
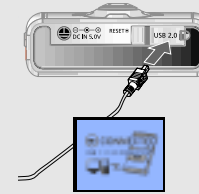
2 After activating the explorer on the PC, select iHP-100 driver.

3 Click the right button of mouse after selecting MP3 files or Folders to add to DB.

4 Select "Add Music(s) to DB" to activate this function.

5 ID3 Tag information of the selected files are added to DB. In case DB file is not, new DB file(iRivNavi.iDB) is created.

6 After disconnecting the player from the host PC, you can search the added musics by using ID3 Tag. (Refer to "Disconnecting the player from the Host PC", page 13.)