

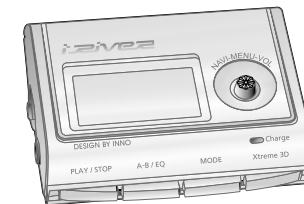
iRiver
iFP-500 Series

www.iRiver.com



Instruction Manual

Digital Audio player/
Recorder/FM Tuner
Model iFP-500 Series



Firmware Upgradable

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

www.iRiver.com

1. GETTING STARTED.....	1
2. LOCATING THE CONTROLS.....	2
3. BASIC OPERATION.....	3
4. CONVENIENT FUNCTIONS.....	4
5. USING PROGRAMS.....	5
6. ADDITIONAL INFORMATION.....	6

1. GETTING STARTED

CONTENTS.....	1
INTERNET.....	1-1
FEATURES.....	1-2

- URL : www.iRiver.com
- Find information on our company, products, and customer and technical support.
- Update your player with firmware downloads. Firmware upgrades offer support for new CODECS and deliver new product features.
- Consult the product FAQ.
- Register your iRiver product online so that our Customer Service is able to provide support as efficiently as possible.
- All contents contained in this manual subject to change without notice to improve ability of this player or according to changing of specification.

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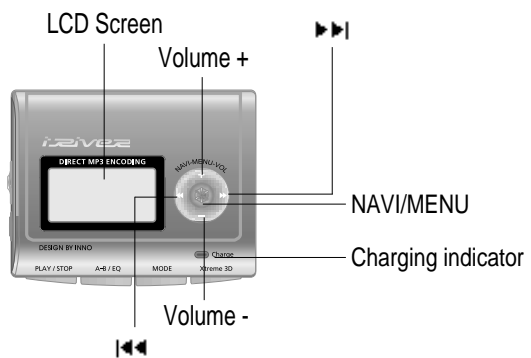
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- **User Interface Design**
- **Multi-Codec Player**
: Supports MP3, WMA, and ASF formats.
- **Firmware Upgrade**
: Provides the latest updated features via firmware upgrade.
- **Graphic LCD supporting Multiple Languages**
: iFP-500 Series comes with graphic LCD which can support multiple languages (39 languages).
- **FM Function**
You can easily listen to FM stations and set your favorite stations by using Auto Preset and Frequency Memory functions.
- **6 Preset EQ** : Normal, Rock, Jazz, Classic, U Bass, Metal
- **Xtreme EQ and Xtreme 3D**
Customize your own EQ with Xtreme EQ and enhance bass and surround sound with Xtreme 3D.
- **GUI (Graphic User Interface) Menu System**
- **Easy Navigation**
The simple navigation makes it easy to find any song.
- **Supports 8 levels of subfolders, 500 folders total and up to 1500 files at one time.**
- **Create your own playlists.**
- **Direct MP3 Encoding**
11.025KHz ~44.1KHz, 8Kbps ~ 320Kbps
- **Record FM Radio, Voice, or line-in from another device**
Voice record level is automatically controlled by AGC function.
- **Built-in Optical Output Jack**
 - Convenient neck strap.
- **Built-in Rechargeable battery that charges directly from the USB port.**

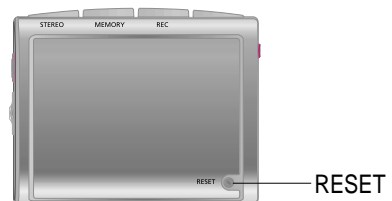
2. LOCATING THE CONTROLS

CONTENTS.....	2
FRONT VIEW, REAR VIEW.....	2-1
SIDE VIEW.....	2-2
LCD SCREEN.....	2-3

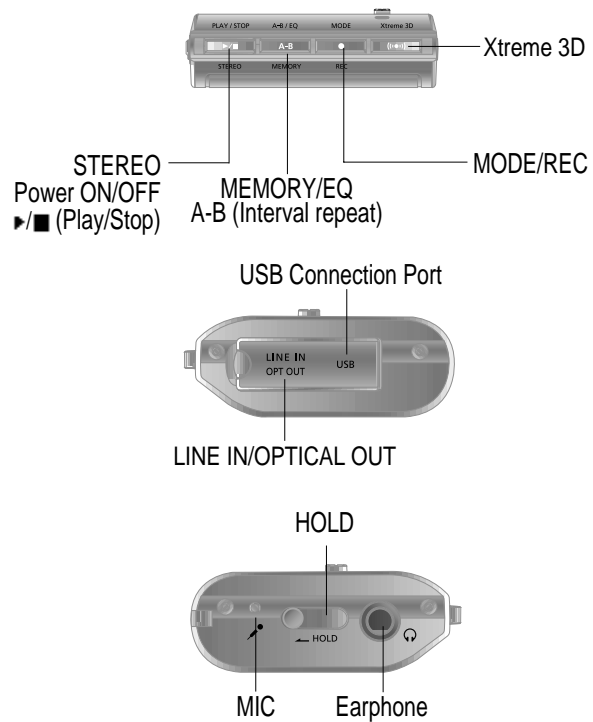
FRONT VIEW

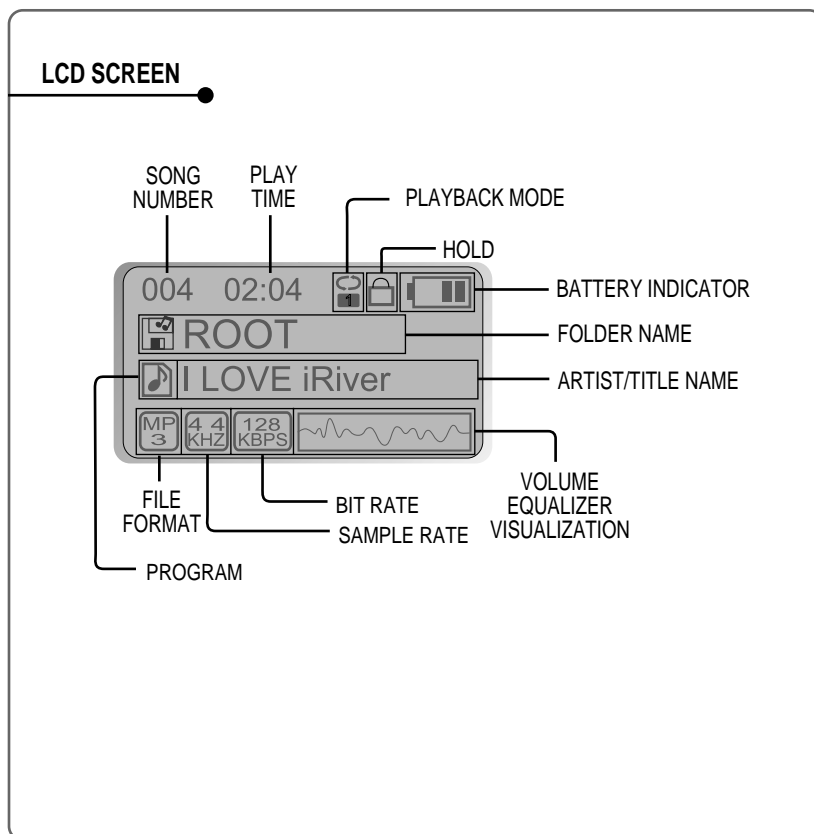


REAR VIEW



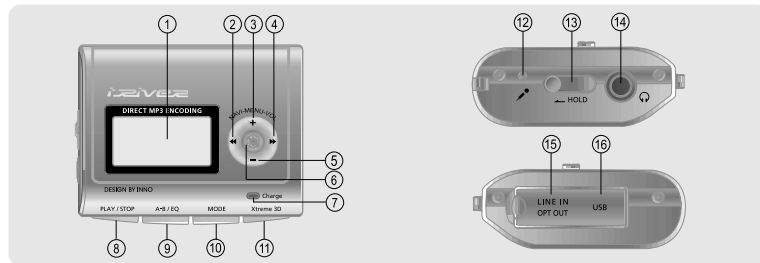
SIDE VIEW





3. BASIC OPERATION

CONTENTS.....	3
BASIC OPERATION.....	3-1/3-4
LISTENING TO MUSIC.....	3-5/3-6
OPERATING THE FM TUNER.....	3-7/3-10
RECORDING FM.....	3-11
RECORDING VOICE.....	3-12/3-13
RECORDING EXTERNAL AUDIO SOURCE.....	3-14/3-17
HOW TO CHARGE THE PLAYER.....	3-18



NAVIGATION



1. LCD window : Displays the operating status of the player.
2. To skip to previous track or previous FM station.
3. To increase volume.
4. To skip forward to the next song or FM station.
5. To decrease volume.
6. To select NAVI/MENU function.
7. Charging Indicator : Charging status is displayed.
8. To Play or Stop playback, to select FM mode, or to turn off.
9. To select EQ mode, A-B repeat, or automatically store FM stations.
EQ : NORMAL → ROCK → JAZZ → CLASSIC → U BASS → METAL → Xtrm EQ → Xtrm 3D

MENU

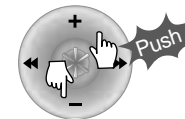


10. To select function, playback mode, or record/stop recording.
11. Xtreme 3D : Listen in surround sound.
12. Microphone : To record Voice
13. HOLD : Enable or disable HOLD function. Buttons do not work when HOLD is enabled.
14. Headphone/Earphone Jack
15. LINE-IN: To record from an external audio source. OPTICAL-OUT: Output to an external audio device (such as your home stereo).
16. USB Connection Port

BASIC OPERATION



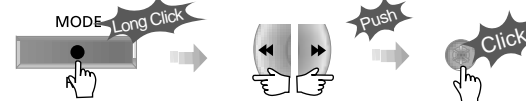
- **To adjust the volume**
Press + on volume button to increase volume and press – on Volume button to decrease volume.



- **Selecting FM Mode when listening FM**
(Refer to page 3-7)



- **To change Functions**
MP3 Playback → FM Receiving → Voice Recording → LINE IN Recording



NAVIGATION

Press NAVI/MENU button and find the desired track by pushing the VOL + or VOL – button. To select the track, press the NAVI/MENU button, ⏪ or the PLAY/STOP button.

To move to the upper folder, push the ⏪ switch. If there is no upper folder, NAVIGATION stops.

MENU

A long press of the **NAVI/MENU** button will enter the menu system.




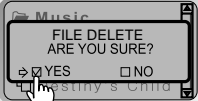
- 1 Scroll between menus : Push **◀▶** and **▶▶**.
- 2 Exit : Push the **VOL -** switch down or hold down the **NAVI/MENU** button.
- 3 Select Function: Press the **NAVI/MENU** button.

MODE




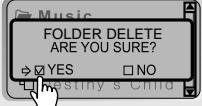
While an audio file is playing or the player is in stop mode, press **MODE/REC** to activate selected modes, such as Repeat or Shuffle.

Press and hold the **MODE/REC** button:
You can select MP3 or FM, Voice or Line-in recording functions.
(Play mode is automatically activated when MP3 is selected).

DELETING FILES ON THE PLAYER

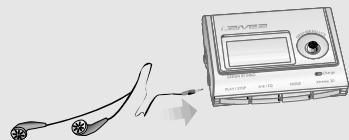
- 1 Stop playback.

- 2 Press the "NAVI/MENU" button.

- 3 Select the files to delete by using **VOL +** or **VOL -**.

- 4 Click the "MODE" button.
"FILE DELETE ARE YOU SURE?" is displayed on the screen. Select "YES" by using **◀▶** and **▶▶** to delete. Then click **NAVI/MENU** button.


DELETING FOLDERS ON THE PLAYER

- 1 Stop playback.

- 2 Press the "NAVI/MENU" button.

- 3 Select the folder to delete.

- 4 Click the "MODE" button.
"FOLDER DELETE ARE YOU SURE?" is displayed on the screen. Select "YES" by using **◀▶** and **▶▶** to delete. Then press **NAVI/MENU** button.


NOTE You can only delete a blank folder. In order to delete a folder, you must first delete the files in the folder.

1 Connect the earphones as shown below.



2 Put the HOLD switch to "OFF".

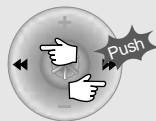


3 Press the PLAY/STOP button to turn on the player. Press it again to play.



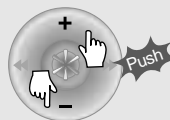
4 To select song

⏮: To select previous song
⏭: To select next song



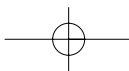
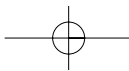
5 To adjust the volume

+ : To increase volume
- : To decrease volume



NOTE

- When "Hold" is ON, the buttons on the player will not function.
- When stopped or in recording standby mode, the player automatically turns off according to the setting of "STOP POWER OFF" on the MENU. (Refer to page 4-14)



■ To turn on the player



■ To play



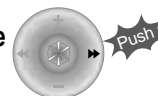
■ To change modes (MP3 → FM
→ Voice recording → LINE IN)



■ To stop



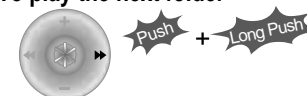
■ To advance



■ To reverse



■ To play the next folder



■ To play the previous folder



■ To fast forward



■ To fast reverse



■ To turn off the player



- While playing audio, Press and hold the MODE/REC button.



The function selection graphic displays on the LCD.



- Push the switch to select FM RADIO. Press the NAVI/MENU button to confirm.



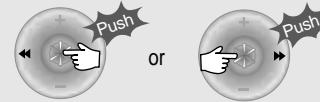
- Press the STEREO/PLAY/STOP button to select Stereo/Mono.



TUNE TO YOUR FAVORITE STATION (FM 87.5~108MHz)

- 1 To change frequency, push the or switch to the left or the right.

(Ex : 87.5 – 87.6)



- 2 **Auto Scan function:** To select a memorized station, press the NAVI/MENU button and find the station by pushing the or switch to the left or the right.

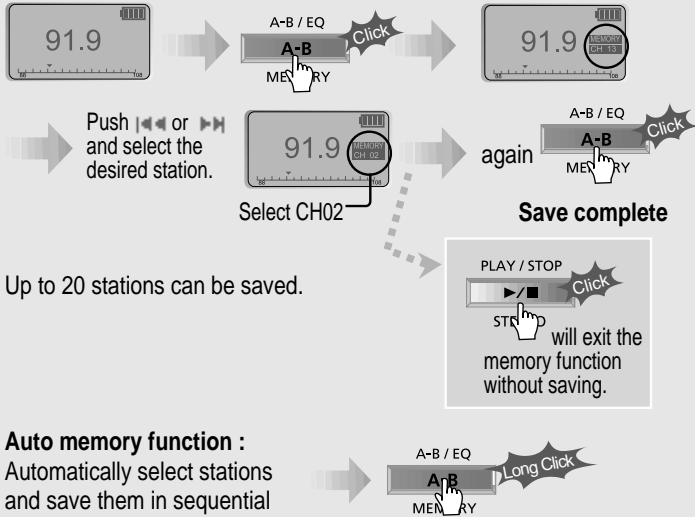


- 3 **PRESET Mode :** To select a station saved in memory, press the NAVI/MENU button and find the station by pushing the or switch to the left or the right.

(Ex : 89.1 – 91.9)



MEMORY FUNCTION (SAVE STATIONS)

- 1 Select the station by pushing the ◀◀ or ▶▶ switch to the left or the right.
- 2 

Push ◀◀ or ▶▶ and select the desired station.

Select CH02

Save complete

will exit the memory function without saving.

Auto memory function :

Automatically select stations and save them in sequential order.
(It only activates while the player is not in PRESET mode)

 - ▶ Auto memory may not work within weak transmission areas.

MEMORY DELETE FUNCTION (Delete saved stations)

- 1 Select the station to be deleted at PRESET mode
 - 2 Press and hold the MEMORY button.
- The next station will appear when station delete is completed.
Push the MEMORY button if you also want to delete the next station.


NOTE

- ▶ FM Tuner reception may vary in different areas.
- ▶ While in PRESET mode, auto scan and auto memory functions are not available.
- ▶ When the player doesn't have any preset stations, EMPTY will be displayed at PRESET mode then faded out.


- Press the PLAY/STOP button to turn the player off.



TO RECORD FM

Press  the MODE/REC button during FM reception.



**TO STOP FM RECORDING**

Press  the MODE/REC button again to stop recording.
The recorded file is saved as TUNER000.REC.
It is saved in the RECORD folder.

**TO PLAY A RECORDED FILE**

After changing to MP3 mode, select a Tuner file in the RECORD folder, press the PLAY/STOP button.

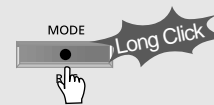
TO PAUSE FM RECORDING



Press  button to pause the recording process. Press  button again to restart recording.

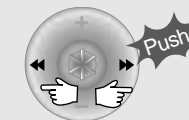
NOTE Volume can not be controlled while recording.

RECORDING VOICE

1 Press and hold the MODE/REC button.



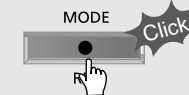
2 Press the  or  switch to select Voice mode.



3 Press the NAVI/MENU button (or PLAY/STOP) to go to Voice recording mode.

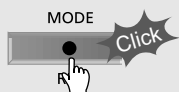


4 Press the MODE/REC button and to begin recording.



TO STOP RECORDING

Press the MODE/REC button.



TO PLAY A RECORDED FILE

Press the PLAY/STOP button.



TO PAUSE VOICE RECORDING

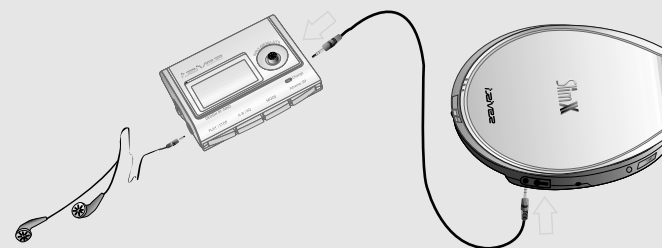
Press >/■ button during recording.
Press >/■ button again to restart recording.

NOTE

- The recorded file is saved as VOICE00.REC in the VOICE folder.
- If "00:00:00" is displayed on the LCD, the player's memory is full. To record, delete files and/or folders on the player to make some space available. (Refer to page 3-4, 5-19, 5-30, 5-39)
- Keep the player far away enough from the source to avoid distortion in the recording.

RECORDING FROM AN EXTERNAL AUDIO SOURCE

- 1 Connect the LINE OUT jack of the external equipment to the LINE IN jack of the player.



- 2 Set "LINE IN RECORDING MODE" in the MENU. (Refer to page 4-16 for details)



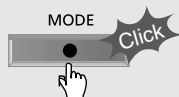
- 3 Press and hold the MODE/REC button.



- 4 Press the or switch to select the LINE-IN mode.



- 6 Press the MODE/REC button and LINE-IN recording is started.



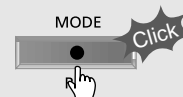
- 5 Press the NAVI/MENU button (or PLAY/STOP) to go to LINE-IN recording mode. (Record Standby Mode)



- 7 Press play on your external equipment (if necessary) to begin playback to be recorded.

TO STOP RECORDING

- 1 Press the MODE/REC button.



- NOTE**
- The recorded file is saved as AUDIO000.REC, AUDIO001.REC... in sequential order. Files are saved in the RECORD folder.
 - Select Ext. Mic on the CONTROL line-in/ext. mic menu to use the external microphone. (Refer to page 4-16)
 - Files recorded using an external microphone are saved as EXMIC000.REC.

TO PLAY A RECORDED FILE

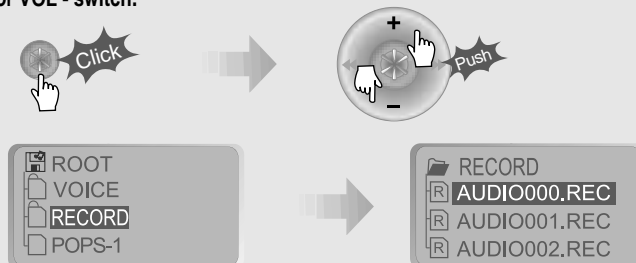
< Method 1 >

- Press the PLAY/STOP button.



TO PLAY A RECORDED FILE**< Method 2 >**

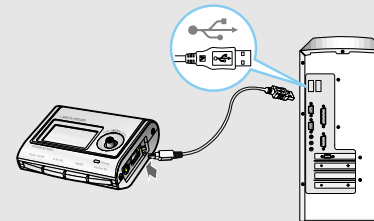
- 1 After pressing the NAVI/MENU button, select a recorded file using the VOL + or VOL - switch.



- 2 Press the PLAY/STOP button.

**CHARGING BY USING USB CABLE**

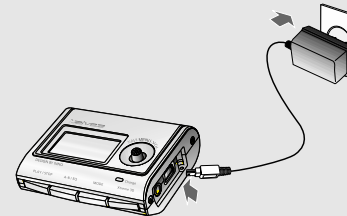
Connect the USB cable to the player and the PC. The iFP battery will begin charging.

**NOTE**

- The player will charge even if it is turned off.
- While charging, the charging indicator light will turn off when the charge is complete.

CHARGING BY USING AC ADAPTER

Connect the AC Power Adapter supplied with the player to the USB connector of the player. The AC operating voltage of this player is 100~240V, 50~60Hz.

**NOTE**

- The player will charge even if it is turned off.
- While charging, the charging indicator light will turn off when the charge is complete.

NOTE The charging time : Approx. 2.5~3 hours
(At full discharge/At the stop Mode)

4. CONVENIENT FUNCTIONS

CONTENTS.....	4
NAVIGATION (SEARCHING).....	4-1
PLAYBACK MODE.....	4-2/4-3
PROGRAM MODE.....	4-4/4-6
EQ MODE.....	4-7
MENU.....	4-8/4-22

■ Navigation is the function used for searching tracks.

1 NAVI/MENU button

You can select a song by pressing the NAVI/MENU button and using the VOL +, VOL - switch.

Music
 Marilyn
 Ashulley
 Classic-2

2

Scroll up through folders

Scroll up
 Scroll down

3 Select folder or scroll to upper folder

Scroll up
 Select the folder or file
 Scroll down
 Select the upper folder

4 Select the track

Marilyn
 Ball ball
 True lies
 sorry sorry

Scroll up
 Select the track
 Scroll down

MODE (Playback Mode)





You can set various Repeat and Shuffle options by choosing these selections under Mode. The function can be varied pressing the MODE button. Please refer to the MODE function controls (page 4-18) for user-defined configuration.

004 02:04
 I love iRiver
 iFP-500
 MP3 4.4 kHz 128 KBPS





1

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


REPEAT

	Play a single track repeatedly.
	Play all tracks in the folder and stop.
	Play all tracks in the folder repeatedly.
	Play all tracks in the player repeatedly.

SHUFFLE

SFL	Randomly play all tracks in the player and stop.
SFL 	Play a single track repeatedly. Skip forward will select a new random track to play repeatedly.
SFL 	Randomly play all tracks in the folder and stop.
SFL 	Randomly play all tracks in the folder repeatedly.
SFL 	Randomly play all tracks in the player repeatedly.

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.(Refer to page 4-18)
---	--

A-B / EQ

A-B

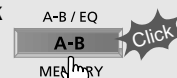
MEMORY

- Program mode: Create your own playlist.

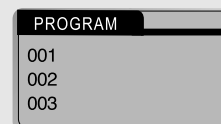
NOTE In PROGRAM mode, ,  and , are the only supported playback modes. When playing files on the "VOICE" or RECORD" folder,  and  are the only support playback modes.


ACTIVATING PROGRAM MODE

1 Stop playback

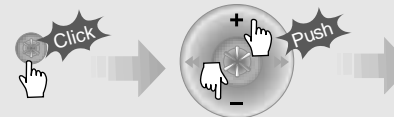


Scroll to PROGRAM mode ▶



- ▶ PROGRAM mode is activated while in Stop Mode.
- ▶ REPEAT A-B is activated while playing. 

2 Press the NAVI/MENU button, then select the music to program by using the VOL+, VOL - switch.



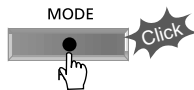
- ▶ Push the VOL + or VOL - switch to select a folder, then press the MEMORY/EQ button to save all files in the folder. Sub folders are not added.

- 3 Press the MEMORY/EQ button to save the program list.



TO REMOVE FILES FROM THE PROGRAM LIST.

Press the MODE/REC button after selecting the file to be deleted using the MEMORY/EQ button. The program list is automatically changed.



- To delete all programmed songs, press MEMORY/EQ button for a while.

PROGRAM PLAY

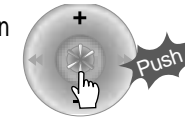
After programming, press  to play the tracks in sequential order.

The PROGRAM mode icon appears ▶



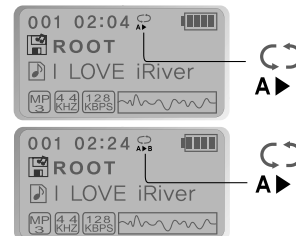
CANCEL PROGRAM MODE

Press stop then



INTERVAL REPEAT

- Repeat a selected interval

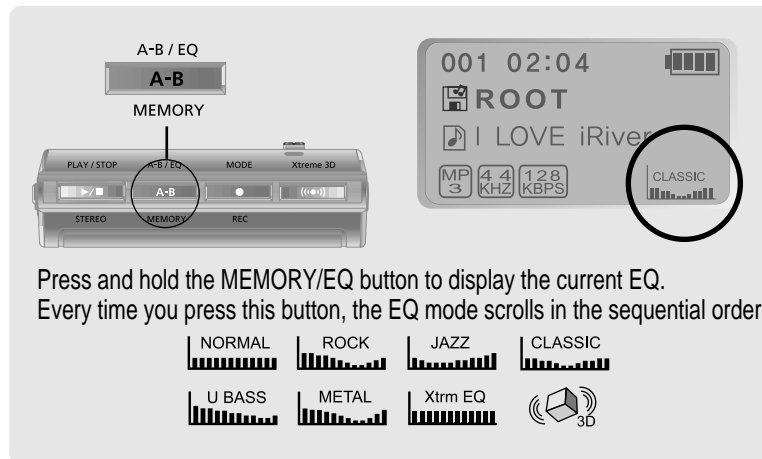


Press the button once to select the beginning <A> point.

Press the button again to select the ending point.

▲ A-B interval will be repeated.

EQ MODE



Press and hold the MEMORY/EQ button to display the current EQ.
Every time you press this button, the EQ mode scrolls in the sequential order.

NOTE Please refer to the Function Control (Page 4-20) for configuring Xtreme EQ.
Please refer to the Function Control (Page 4-21) for configuring Xtreme 3D.

Functions are subject to change with different firmware versions.
Users can configure their own settings.

CONFIGURATION

GENERAL

- ☐ beep volume
- ☐ resume
- ☐ fade in
- ☐ language
- ☐ load default

DISPLAY

- ☐ back light
- ☐ lcd contrast
- ☐ visualization
- ☐ scroll speed
- ☐ tag information
- ☐ time

TIMER

- ☐ sleep
- ☐ pwr off

CONTROL

- ☐ fast skip
- ☐ scan speed
- ☐ voice recording mode
- ☐ voice auto detection
- ☐ tuner recording mode
- ☐ line-in recording mode
- ☐ line-in recording volume
- ☐ line-in auto-sync
- ☐ line-in/ext. mic
- ☐ download activity

MODE

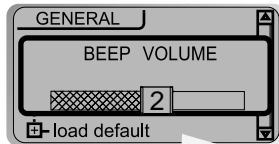
- ☐ repeat
- ☐ shuffle
- ☐ intro
- ☐ study
- ☐ name

SOUND

- ☐ Xtreme EQ
- ☐ Xtreme 3D
- ☐ DBE setting
- ☐ 3D EQ setting
- ☐ sound balance
- ☐ eq limit
- ☐ eq select

MENU OPERATION

- Press and hold the NAVI/MENU button to display the MENU system.
- It is composed of 6 main menus with sub-menus.

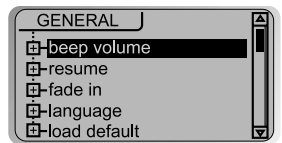
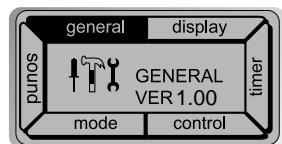
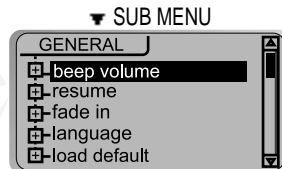
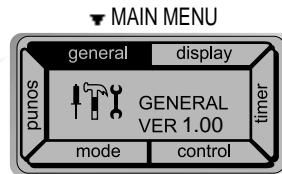
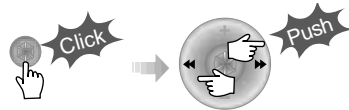


When you select a sub menu, you can set your preference to be displayed.

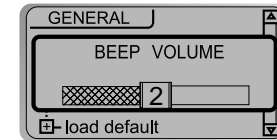
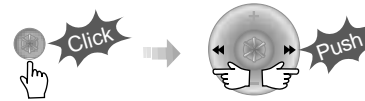
■ Shift between Menus

Push the ◀◀ or ▶▶ switch to move between main menu and sub menu.

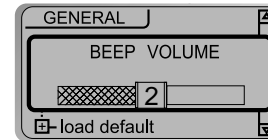
■ From Main Menu to Sub Menu



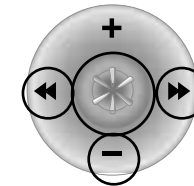
■ Enter Sub Menu



■



▽ Each control option is configured by following buttons.



■ Exit Sub Menu



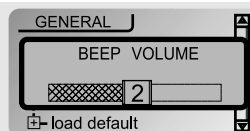
■ Exit Main Menu



GENERAL

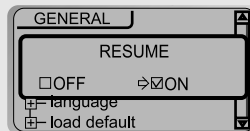
■ BEEP VOLUME

Set beep volume level.
Set to "0" for OFF.



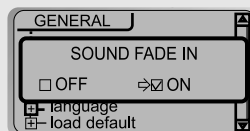
■ RESUME

When ON, player resumes to previous place in song after STOP or Power OFF.



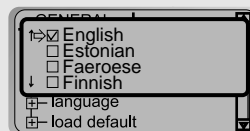
■ FADE IN

When activated, volume increases gradually at playback mode to prevent the sudden loudness.



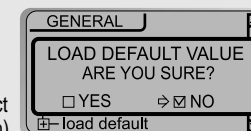
■ LANGUAGE (Support 39 languages)

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 an MP3 file is created in a English version of Windows, the language setting should be English for the proper title display)



■ LOAD DEFAULT VALUE

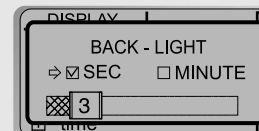
Initialize menus to the original factory settings.
The button's operation order is as below.
Click NAVI/MENU (select default menu) → |◀◀ (select YES) → Press NAVI/MENU (select YES : Initialization)



DISPLAY

■ BACK LIGHT

You can adjust the time that the Backlight stays on.
SEC : Backlight stays on from 0 to 30 seconds.
MINUTE : Backlight stays on from 0 to 30 minutes.
Press the NAVI/MENU button to set SEC/MINUTE.



■ LCD CONTRAST

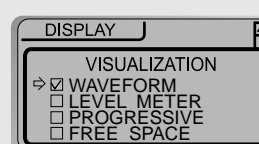
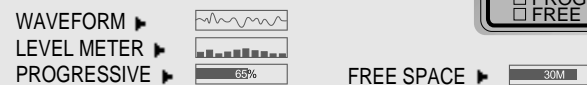
Adjust LCD contrast.

Contrast can be adjusted by using the |◀ and ▶| switch.



■ VISUALIZATION

You can display the visualization of the audio signal in PLAY mode, the elapsed time of a track, or the free space in memory.

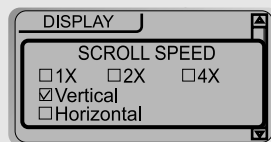


■ SCROLL SPEED

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.

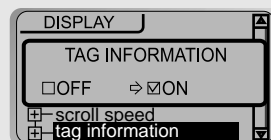


■ TAG INFORMATION

ON : Display track with ID3 tag information

OFF : Display track with file name

✱ In case of a song without the tag
information, the file name will be
displayed regardless of the setting.

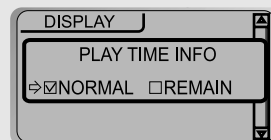


■ TIME

NORMAL : display elapsed time.

REMAIN : display remaining time.

Note : If the track format is VBR, the time
may not be accurate.



TIMER (SET AUTO POWER OFF)

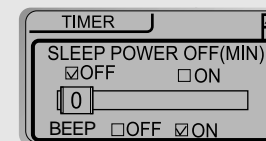
■ SLEEP POWER OFF

Automatically turns the power off after a
fixed time. (Time range can be set from 0 to
180 minutes by a minute) You can listen to
the beep sound at 1 minute before
powering off by setting BEEP to ON.

Use the **◀◀** or **▶▶** switch to adjust time.

Set BEEP ON/ OFF by pressing the NAVI/MENU button.

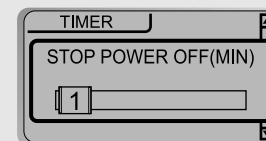
▶ When the power is off, the SLEEP POWER OFF setting goes back to ZERO setting.



■ STOP POWER OFF

Automatically turns the power off at the
stop mode. (Time range can be set from
1 to 60 minutes by a minute)

Use the **◀◀** or **▶▶** switch to adjust time.



CONTROL

■ FAST SKIP

OFF : Skip doesn't activate.

10 : Skip 10 tracks at time.

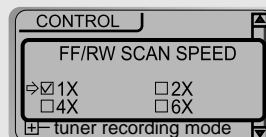
DIRECTORY : Skip to previous or next folder.

This defines the operating method of
short or long press of **◀◀** or **▶▶** switch.



■ FF/RW SCAN SPEED

The fast scan speed can range from 1x/2x/4x/6x.



■ VOICE RECORDING MODE

You can adjust recording quality when recording voice.

Bit Rate : 8Kbps~160Kbps

Sampling Frequency : 11.025KHz ~44.1KHz

AGC ON : When recording voice, the recording level is automatically controlled and recordings from long distances are enhanced.

AGC OFF : AGC Control not activated.



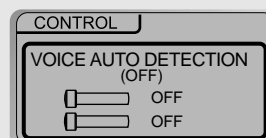
■ VOICE AUTO DETECTION

The voice recording mode will automatically pause during silence. This is useful for recording over a long period of time to save memory.

OFF : Voice Auto Detection is disabled.

Voice Auto Detection : Set the relative level of sound needed to activate the recorder. (1-10).

Record pause time setting : Set the number of seconds of silence to record before pausing.(1-10)

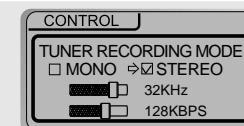


■ TUNER RECORDING MODE

You can adjust recording quality when recording from the FM Tuner.

Bit Rate : 8Kbps~320Kbps

Sampling Frequency : 11.025KHz ~44.1KHz



■ LINE-IN RECORDING MODE

You can adjust recording quality when recording from External equipment.

Bit Rate : 8Kbps~320Kbps

Sampling Frequency : 11.025KHz ~44.1KHz



■ LINE-IN RECORDING VOLUME

You can adjust recording level when recording from External equipment. (You can set from 0 to 64.)

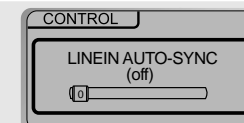


■ LINEIN AUTO-SYNC

Line-In, a new file will be created for each track on the CD automatically.

- OFF : Audio signal detection is disabled.

- Audio signal detection time (1-5 seconds) : The amount of silence the player will use to determine when a track has ended and to start a new file.

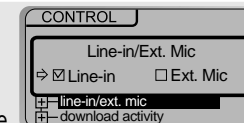


■ Line-in/Ext. Mic

You can select external microphone or line-in when recording.

Line-In : To record through Line-In

Ext. Mic : To record through an external microphone



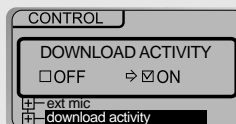
NOTE When selecting External microphone, it is recorded in LINE-IN mode. Also recording quality and level is followed by the value set in LINE-IN mode.

■ DOWNLOAD ACTIVITY

Use this setting to playback audio files while the player is attached to your PC.

OFF : The player will playback audio files while connected to the PC (to save battery life).

ON : The player to show "Connected to USB" on the screen and you can transfer files to the player.



NOTE This must be set to "ON" in order to transfer files to the player.

■ Setting the Recording Mode

- Voice recording mode/Tuner recording mode/Linein recording mode



1. Select Recording Mode to set.
2. Press the NAVI/MENU button repeatedly to select item (AGC ON/AGC OFF, Mono/Stereo, Sample rate or Bit rate) to set.
3. Set or select AGC ON/AGC OFF, MONO/STEREO, Sample rate or Bit rate using or switch.
4. Push the VOL -switch to EXIT repeatedly.

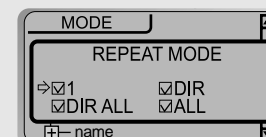
CAUTION You can not record when the battery charge indicator is blinking (indicating a low battery). Charge the battery before attempting to record.

MODE (PLAYBACK MODE)

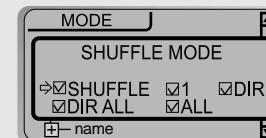
■ REPEAT MODE / SHUFFLE MODE

: A number of Repeat and Shuffle modes are available. Select the one you want by pressing MODE button (Multi selecting available)

▼ How to select



And button for selection.



And button to exit.

▶ Only the selected PLAY MODE will be available when you press the MODE/REC button (For details, please refer to page 4-2, 4-3)

■ INTRO MODE

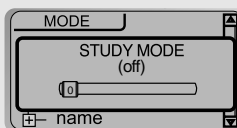
Intro: Plays the beginning 10 seconds of each track.

Intro Highlight : Plays 10 seconds from 1 minute into each track in sequential order.



■ STUDY MODE

While playing, short slide of the lever will skip the current track set time ahead. OFF : Study Mode is disable. The range is 1-60 seconds.



■ NAME

You can input your name or custom text.

- ▶ The saved text is displayed when playback stops. Stopped playback ▶



▼ Button Operation



Select the character by using and switch and press Navi/Menu button to input the character.



To move the cursor in the name window, use + and - on Volume switch.

A-B / EQ

A-B

MEMORY

MODE

REC

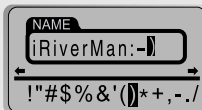
PLAY / STOP

STEREO

STEREO

To scroll between English and your preferred language, use STOP button

To delete the character, press MODE button.



Save and Exit

NOTE

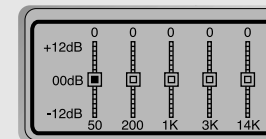
Chinese and Chinese Character are not supported.

SOUND

■ Xtreme EQ

You can adjust the sound to your preference.

There are 5 band frequency steps, set from -12dB to +12dB by 3dB step.



■ How to set Xtreme EQ

1. Select the Frequency step to set using the or switch.



2. Adjust the level using the VOL + or VOL - switch.

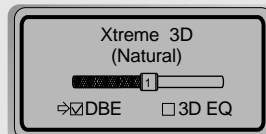


3. To exit Xtreme EQ setting



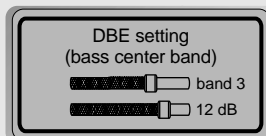
■ Xtreme 3D

You can adjust the level of 3D sound (minimum, Natural, and Maximum). You can extend 3D sound by selecting Bass Boost or 3D EQ. You can also adjust the level of 3D sound with the \leftarrow or \rightarrow lever. Select DBE or 3D EQ with the Navi/Menu button.



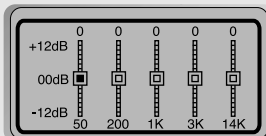
■ DBE setting

You can select the Bass Center Band level from Band 1 to 4. You can also set the Bass Boost gain from 0 dB to 15dB by 3dB step.



■ 3D EQ setting

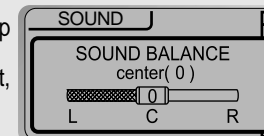
You can adjust the sound to your preference. There are 5 band frequency steps, set from -12dB to +12dB by 3dB step.



NOTE The way of setting 3D EQ is similar to that of setting Xtreme 3D.

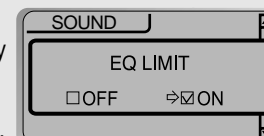
■ SOUND BALANCE

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 lever 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.



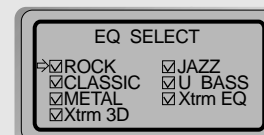
■ EQ LIMIT

ON : Limit the control of equalizer frequency to prevent distortion of sound.
OFF : You can enjoy the original sound though distortion of sound may occur.



■ EQ SELECT

You can select various EQ mode. Press NAVI/MENU button after selecting EQ by using \leftarrow or \rightarrow .



NOTE The Xtreme 3D button will activate even if Xtrm 3D is not selected.

5. USING PROGRAMS

CONTENTS..... 5

IRIVER MUSIC MANAGER

◆ PC

PC SOFTWARE INSTALLATION..... 5-1/5-5

BASIC SOFTWARE OPERATION..... 5-6/5-10

PLAYER & FILE TRANSFERRING..... 5-11/5-16

HANDLING FOLDERS & FILES..... 5-17/5-20

ADDITIONAL FUNCTIONS..... 5-21/5-26

◆ MACINTOSH

MAC SOFTWARE INSTALLATION..... 5-27/5-28

USING IRIVER MUSIC MANAGER ON MAC..... 5-29/5-32

MOODLOGIC

WHAT IS MOODLOGIC?..... 5-33

SOFTWARE INSTALLATION..... 5-34/5-35

CONNECTING THE PLAYER/FILE

TRANSFERRING..... 5-36

PLAYER & FILE TRANSFERRING/DELETING..... 5-36/5-39

- Insert the Installation CD into the CD-ROM drive. The following screen appears after inserting the CD.



- If the installation doesn't automatically begin, execute the "setup.exe" file in the installation CD. The installation program will begin.
- The installation CD contains the following contents :
 - Device Driver
 - iRiver Music Manager
 - MoodLogic
 - Manager Program for Mac
- The player can store MP3 files or files of any type. You can upload files, other than music (MP3, WMA, ASF), to the PC using the iRiver Music Manager Program.
- Download latest versions of drivers and iRiver Music Manager at www.iRiver.com

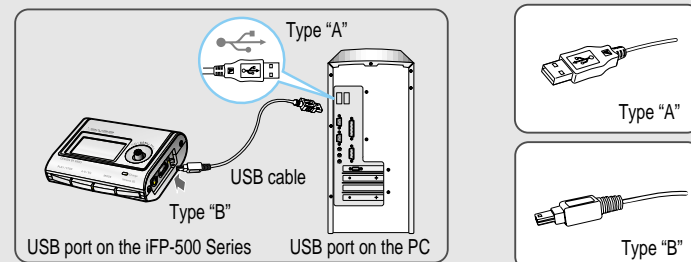
- Please be sure your login has Administrator privileges if using Windows 2000 or Windows XP.

System Requirements (Windows)

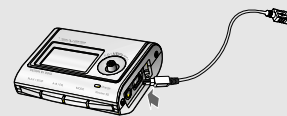
- Pentium 133MHz or faster
- CD-ROM drive
- USB port
- 10MB free hard disk space
- Window 98SE / ME / 2000 / XP

TO INSTALL "NEW HARDWARE"

- 1 Connect the USB cable (provided) to the USB port of your computer.



- 2 Turn on the player, remove the protective cover of the USB port, and connect the USB cable.

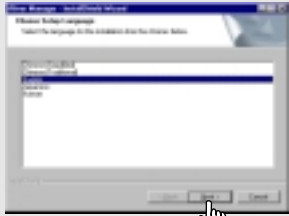


- 3 "USB CONNECTED" will appear on the LCD screen of the player.

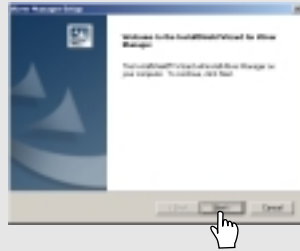


NOTE Connect the USB cable to the PC after playback stops to avoid errors.

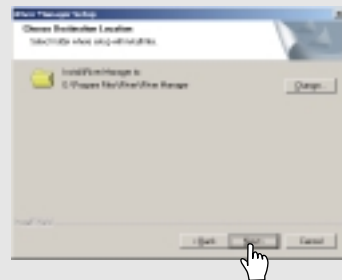
- 1 Click "Next" after selecting the language to install.



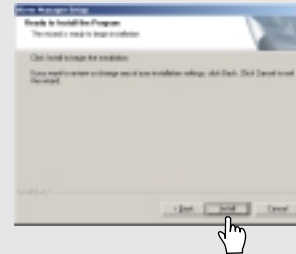
- 2 Click "Next" to Install iRiver Music Manager.



- 3 Select the folder to install. Click "Next".



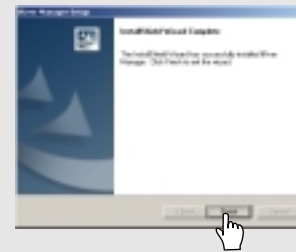
- 4 Click "Install" to install.



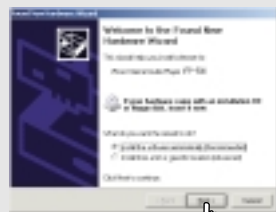
- 5 Installation is in progressing.



- 6 Click "Finish" Completed the installation of "New hardware".

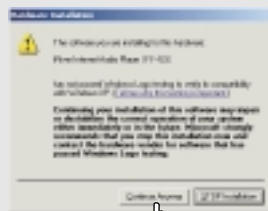


WHEN INSTALLING IN WINDOWS XP



1 After installing iRiver Music Manager from the CD and connecting your player to your PC, Windows XP will display a "New Hardware Found" screen (pictured). Select "Install the software automatically (Recommended)" and click "Next".

2 If a "Hardware Installation" warning message appears, click "Continue Anyway". The iRiver software driver will not cause any damage to your computer.



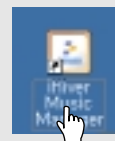
3 Click "Finish" to complete the new hardware installation.



* Windows 98SE, Windows ME, Windows 2000 O.S do not need any other device drive installation.

1. BASIC OPERATION

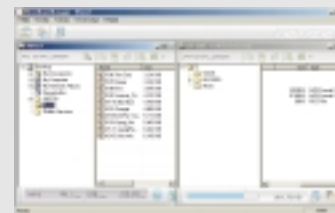
1 Double click the iRiver Music Manager icon on the PC to start the Manager program.

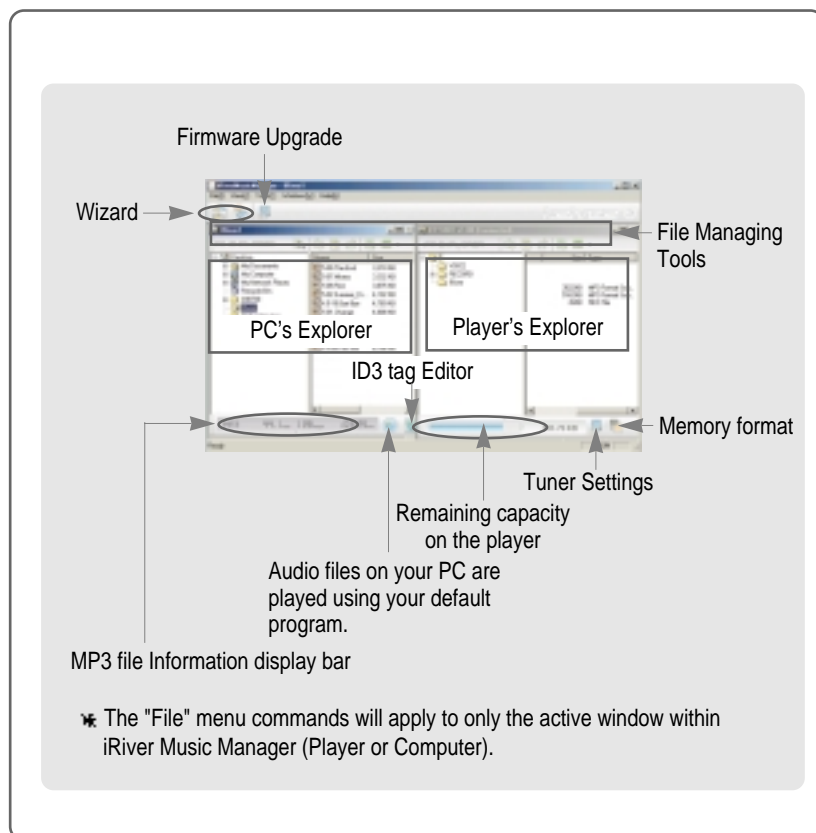


2 iRiver Music Manager version installed is displayed.



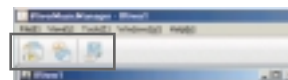
▼ Initial iRiver Music Manager window.





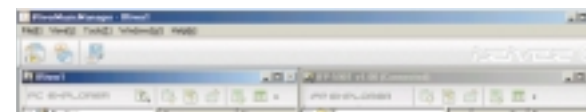
2. MENU

1) TOOLBAR MENU



- File Transfer Wizard : To transfer files from PC to iFP player.
- File Conversion Wizard : To convert iFP recorded files to other format.
- Firmware Upgrade : To upgrade iFP Firmware.

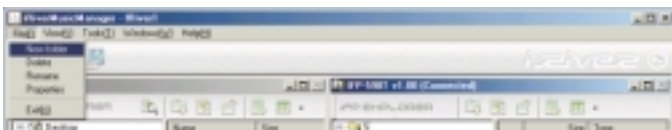
2) FILE MANAGING TOOLS



- Search Icon : To search Files or Folders on the PC or the player.
- Select upper folder : To select the upper folder.
- New folder : To make a new folder.
- Properties : To display the detail information of the selected folder or file.
- View : To change how to display the selected folder.

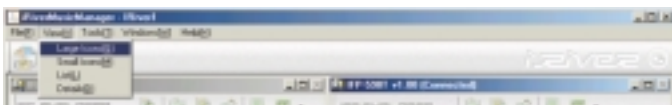
3) MAIN MENU

3-1. File : The "File" menu commands will apply to only the active window within iRiver Music Manager (Player or Computer).



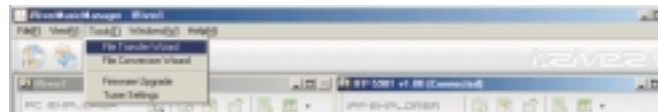
- * New folder : To make a new folder on the PC or the player.
- * Delete : To delete the selected folder or files on the PC or player.
- * Rename : To rename the selected file or folder on the PC.
- * Properties : To display the detail information of the selected folder or file.
- * Settings : To set iFP Firmware Upgrade Method through Internet.
- * Exit : To exit the iRiver Music Manager.

3-2. View : The "View" menu commands will apply to only the active window within iRiver Music Manager (Player or Computer).



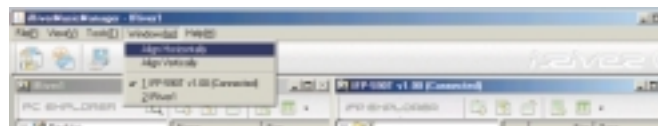
- * Large Icons
- * Small Icons
- * List
- * Details

3-3. Tools



- * File Transfer Wizard : To transfer files from PC to iFP player.
- * File Conversion Wizard : To convert iFP recorded files (*.*.REC) to MP3 files.
- * Firmware Upgrade : To upgrade iFP Firmware.
- * Tuner Settings : To edit the FM preset station's frequency or name manually.

3-4. Windows : To select the alignment of the PC and player' windows



- * Align Horizontally : To display the PC and player' s windows horizontally.
- * Align Vertically : To display the PC and player' s windows Vertically.

3-5. Help



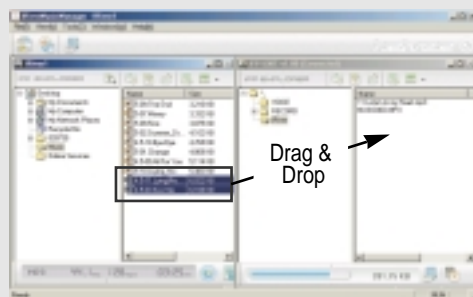
- * About iRiver Music Manager : To confirm the version of Manager.
- * iRiver Music Manager Help : To get the help about Manager.
- * Firmware Information : To see the information about the player.
- * iRiver Homepage : To connect the iRiver Homepage.

PLAYER & FILE TRANSFERRING

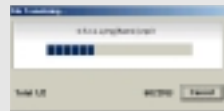
1) DOWNLOADING FROM THE PC

Open the Manager program after connecting the USB cable between the player and the PC.

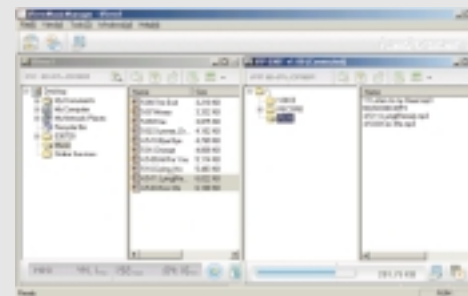
- 1 Select the folders or files on the PC to transfer to the player.
And Click and Drag to move folders or files to the desired location on the player.



- 2 Download is in processing.



- 3 Download is completed.



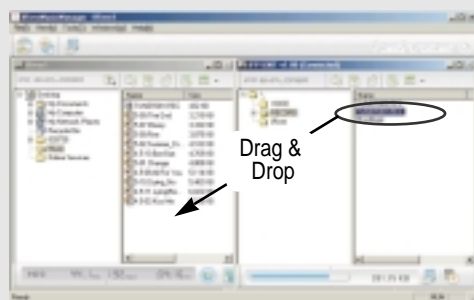
CAUTION

- ❖ Files with a name over 127 English characters (Korean: 63 characters) will not transfer.
- ❖ Files over 511 English characters (including path name and file name) will not transfer.
- ❖ The ROOT folder is limited to 1024 files and folders total.
Subfolders do not have a limit to the number of files.

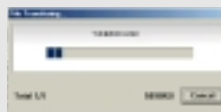
2) UPLOADING TO THE PC

Activate the Manager program after connecting the USB cable between the player and the PC.

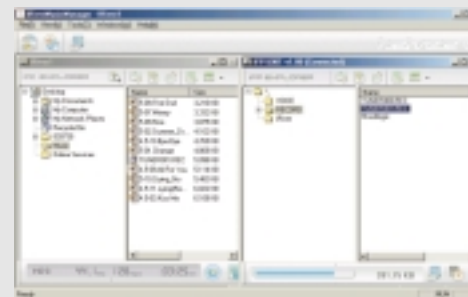
- 1 Select the folders or files on the player to transfer to the PC.
And Click and Drag to move folders or files to the desired location on the PC.



- 2 Upload is in processing.



- 3 Upload is completed.

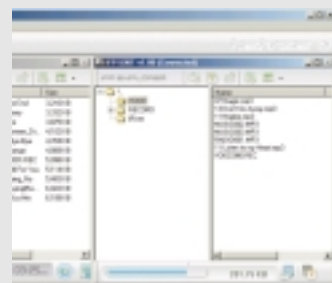
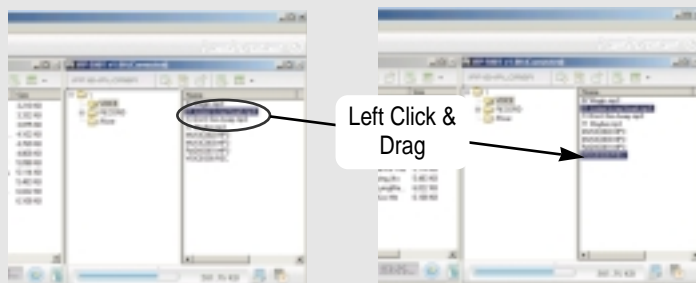


CAUTION

- Music files (MP3, WMA, ASF) can not be uploaded from the player to the PC in accordance with current copyright guidelines.
- You can upload recorded FM, LINE IN, or VOICE files to your PC as well as any data files. Music files (MP3, WMA, ASF) may not be transferred to your PC from the player.

3) CHANGE THE POSITION OF FOLDERS OR FILES ON THE PLAYER

Click and Drag to move a folder or file to the desired location.

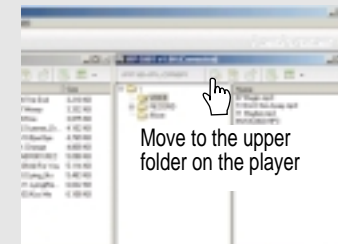
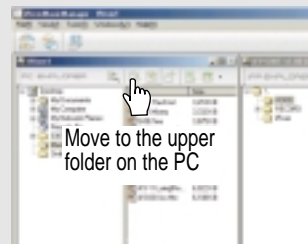


NOTE

- You may only move one file or folder at a time.
- You can not move files or folders to another folder.

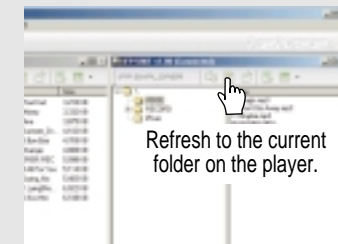
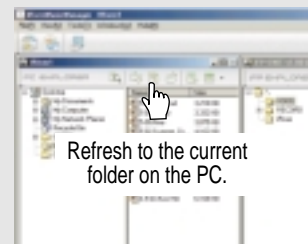
4) MOVING TO THE UPPER FOLDER (PC & PLAYER)

Click the move to "upper folder" icon in the menu bar of the iRiver Music Manager.



5) REFRESH (PC & PLAYER)

Click the "Refresh" icon to display the contents of the PC or the player.

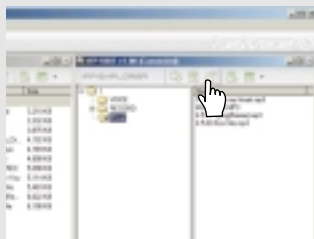


MANAGING FILES

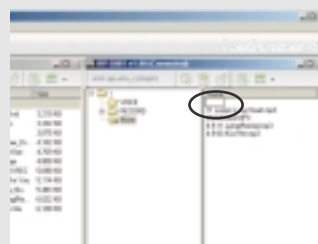
* Only 8 levels of subfolders are allowed, beginning with the Root folder.

1) TO MAKE A NEW FOLDER ON THE PLAYER WHEN THE PLAYER WINDOW IS ACTIVE

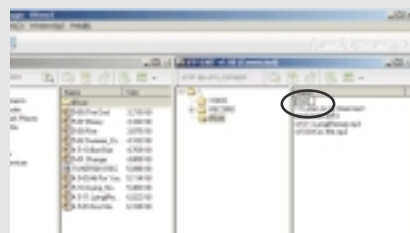
1 Click the "New Folder" icon or select "File-New folder" in the file menu to make a new folder.



2 A new folder is created.

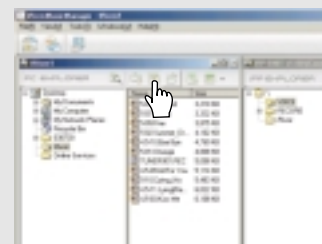


3 Type the name in the new folder.

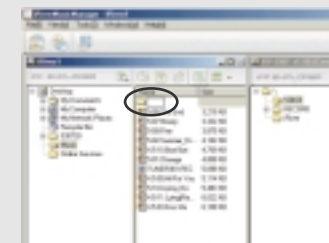


2) MAKING NEW FOLDERS ON THE PC WHEN THE PC WINDOW IS ACTIVE

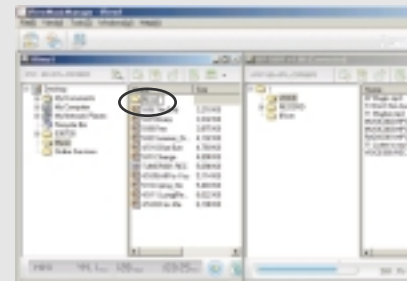
1 Click the "New Folder" icon or select "File-New folder" in the file menu to make a new folder.



2 A new folder is created.

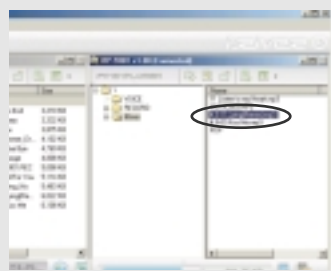


3 Type the name in the new folder.

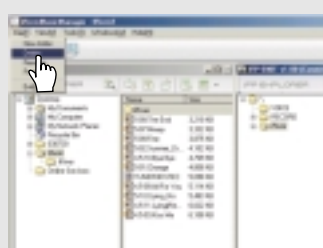


3) DELETING FOLDERS OR FILES FROM THE PLAYER WHEN THE PLAYER WINDOW IS ACTIVE

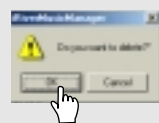
1 After starting the "Manager" program, select the files or the folders to delete.



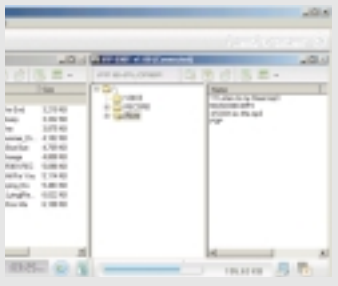
2 Select "File-Delete" in the file menu to delete files.



3 Click "OK" on the alert display to delete.

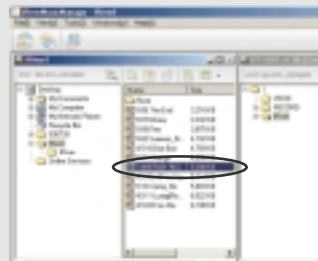


4 Files are deleted.



4) DELETING FOLDERS OR FILES FROM THE PC WHEN THE PC WINDOW IS ACTIVE

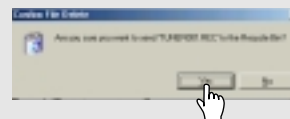
1 After starting the "Manager" program, select the files or the folders to delete.



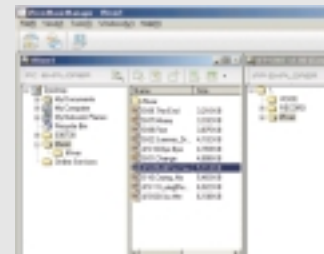
2 Select "File-Delete" in the file menu to delete files.



3 Click "Yes" on the alert display to delete.



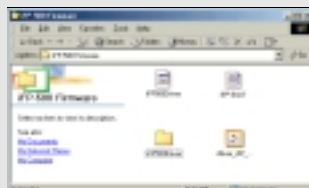
4 Deletion is completed.



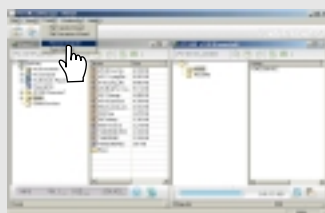
ADDITIONAL FUNCTIONS

1) UPGRADING THE FIRMWARE MANUALLY

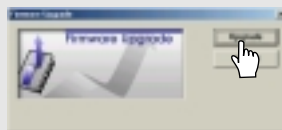
- 1 Visit www.iRiver.com to download the latest firmware for your player. Unzip the downloaded firmware file and double click the EXE file. This will create the firmware file. (IFP-5XXT.HEX)



- 2 Click the "Tools-Firmware Upgrade" menu option.



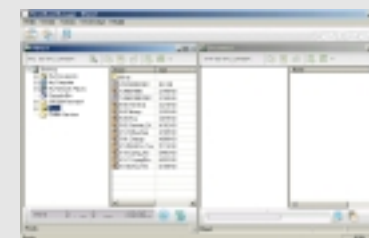
- 3 Click "Upgrade".



- 4 Locate and select the IFP-5XXT.HEX then click "Open".



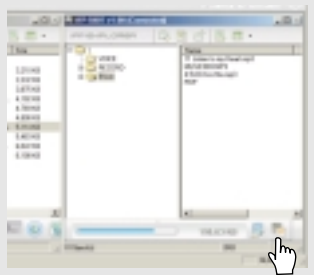
- 5 The window below is displayed as the firmware upgrade is in processing. Click "OK" after the player turns off.



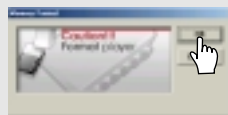
2) FORMAT

Format will erase all the files and folders in your players memory.

- 1 Click the "format" icon on the Toolbox to format.



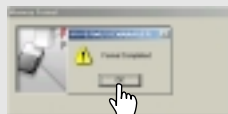
- 2 The alert below is displayed. Click "OK" to initialize.



- 3 Formatting is in processing.

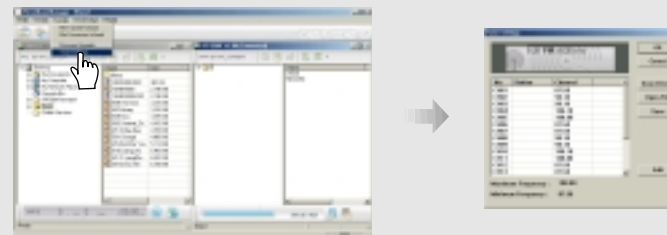


- 4 Formatting is completed. Click "OK".

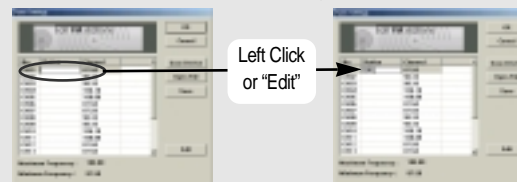
**3) MODIFYING THE RADIO STATIONS**

You can modify the FM Radio stations with the iRiver Music Manager.

- 1 Select "Tools-Tuner Settings" on the menu to modify radio stations.



- 2 You can edit the list of your FM stations.
You can also load and save different preset files.

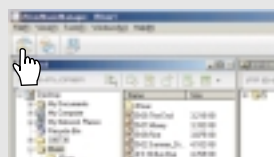


NOTE The station name can not exceed six characters.

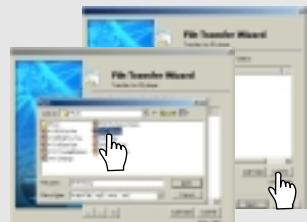
4) FILE TRANSFER WIZARD

You can transfer files or folders from the PC to the player.

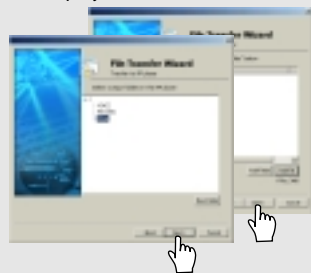
- 1 Select "Tools-File Transfer Wizard" or "File Transfer Wizard" icon in the menu to transfer files or folders.



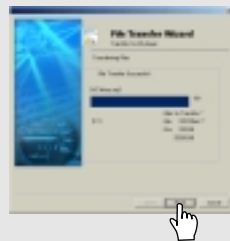
- 2 File Transfer Wizard window is displayed. Click "Add File" to select files or folders to transfer.



- 3 Click "Next" after selecting files or folders. And click "Next" after selecting the folder to be transferred to the player.



- 4 Click "Finish". Files are transferred.

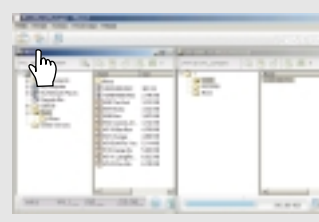


NOTE You can not transfer files from the player to the PC with this wizard.

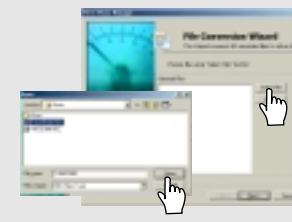
5) FILE CONVERSION WIZARD

This Wizard converts iFP recorded files to MP3 format.

- 1 Select "Tools-File Conversion Wizard" or "File Conversion Wizard" icon in the menu to convert files to MP3 format.



- 2 Tools-File Conversion Wizard window is displayed. Click "Select File" to select the file to convert.



- 3 Click "Next" after selecting files.



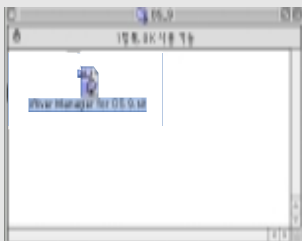
- 4 Click "Finish". Files are converted.



MAC SOFTWARE INSTALLATION

1) MAC OS 9.2

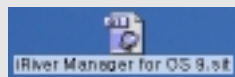
1 Copy the "MAC OS → OS 9 → IRIVER MUSIC MANAGER FOR MAC OS-9.SIT" file on the installation CD-ROM in the MAC-OS folder to your desktop.



3 Double click the VISE icon to begin the installation.



2 Double click the "IRIVER MUSIC MANAGER FOR OS 9.SIT" file to extract the VISE installation file for iRiver Music Manager.

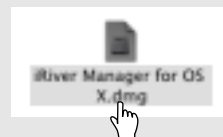


4 Click "Install" after selecting the folder to install.



2) MAC OS X

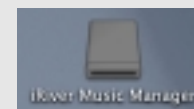
1 Double click the "MAC OS → OS X → IRIVER MUSIC MANAGER FOR MAC OS X.DMG" in the MAC -OS folder on the installation CD-ROM." The DMG file will mount a temporary "drive" icon called "iRiver Music Manager".



3 Installation of iRiver Music Manager for OS X is completed.



2 Open the iRiver Music Manager "drive" and move the iRiver Music Manager icon to your Dock or Desktop.



NOTE

System Requirements (Mac)

- Mac OS 9.2.2 or later
- Mac OS X 10.1.4 or later
- CarbonLib 1.6 or later

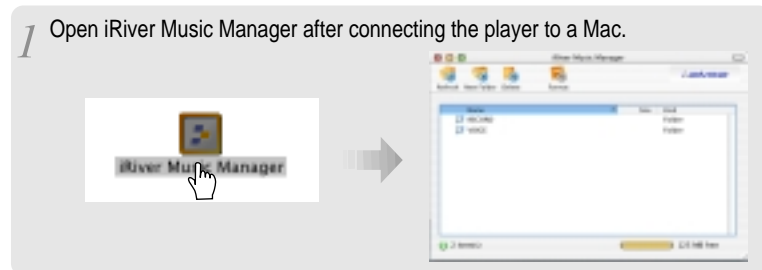
◆ CarbonLib Update Method :

- OS X : Apple Menu → System Preferences
→ System → Software Update
- OS 9 : Control Panels → Software Update

USING IRIVER MUSIC MANAGER ON MAC

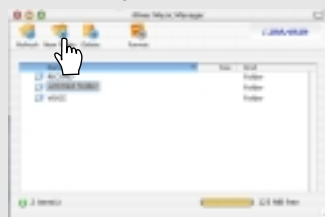
1) Connecting to a Mac

1 Open iRiver Music Manager after connecting the player to a Mac.



2) Making new folders on the Mac

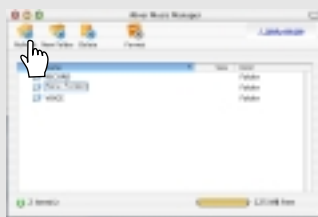
Click the "New Folder" icon iRiver Music Manager.



* Only 8 levels of subfolders are allowed, beginning with the Root folder.

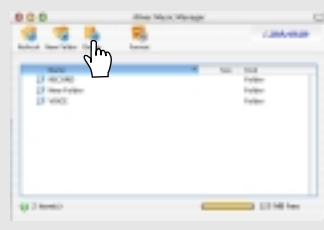
3) Refresh (Player)

Click the "Refresh" icon to display the contents of the player.



4) Deleting folders or files

After selecting the files or folders to delete, click "Delete" icon to delete.



5) Format

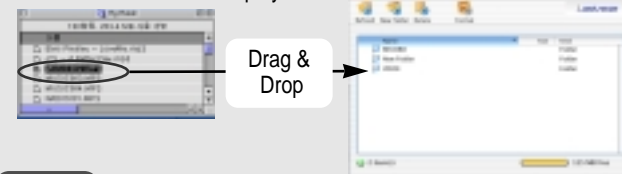
Format will erase all files in your player memory.

Click the "Format" icon to format.



6) Downloading from the Mac

After selecting the files or folders to download, drag and drop them to the folder to download on the player.

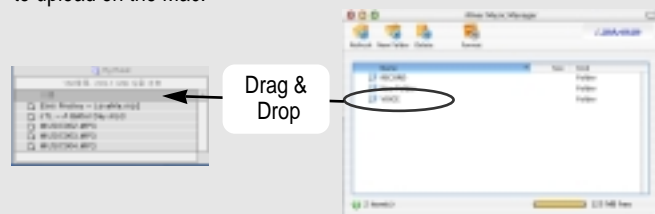


CAUTION

- * Files with a name over 127 English characters (Korean: 63 characters) will not transfer.
- * Files over 511 English characters (including path name and file names) will not transfer.
- * The ROOT folder is limited to 1024 files and folders total. Subfolders do not have a limit to the number of files.

7) Uploading to the Mac

After selecting the files or folders to upload, drag and drop them to the folder to upload on the Mac.

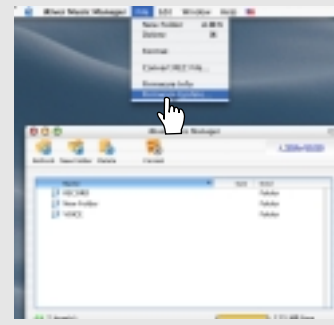


CAUTION

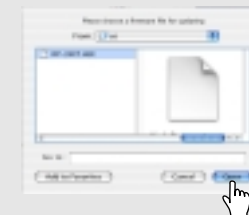
- Music Files (MP3, WMA, ASF) can not be uploaded from the player to the Mac in accordance with current copyright guidelines.
- You can upload recorded FM, Line in, or Voice files to your Mac as well as any data files. Music files (MP3, WMA, ASF) may not be transferred to your Mac from the player.

8) Firmware Upgrade

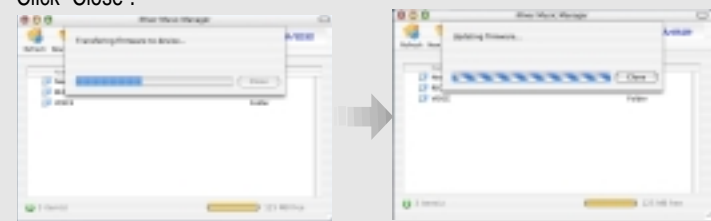
1 Download the latest Firmware from our website. Click "File → Firmware Update" on the menu.



2 Click "Open" after selecting file to update.



3 While update is completed, the player is automatically turned off. Click "Close".

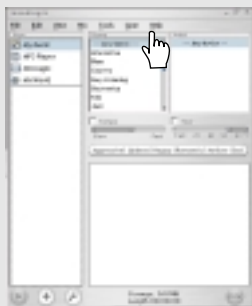


WHAT IS MOODLOGIC?

With MoodLogic, you can

- easily search for music files on your PC and create custom mixes.
- easily manage music files.
- transfer files between the player and the PC.
- automatically create ID3 tags.

This section is only an introduction to MoodLogic. Many more features are covered in the "Help" section of the software or online at www.MoodLogic.com.

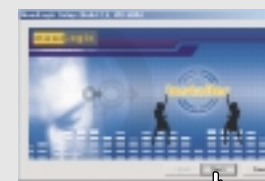


SOFTWARE INSTALLATION

1 Click the "MLIFPGEN" on the Installation CD-ROM to install "MoodLogic".



2 Click "Next".



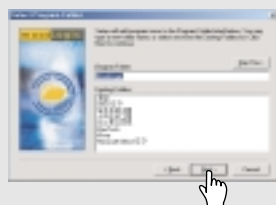
3 Click "Yes" to install.



4 Click "Next" after selecting the folder to install.



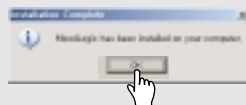
5 Click "Next".



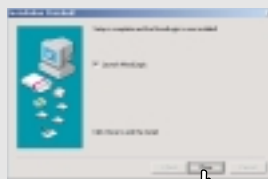
6 Click "Yes".



7 Installation of MoodLogic is completed. Click "OK".



8 Setup is complete. Click "Close".



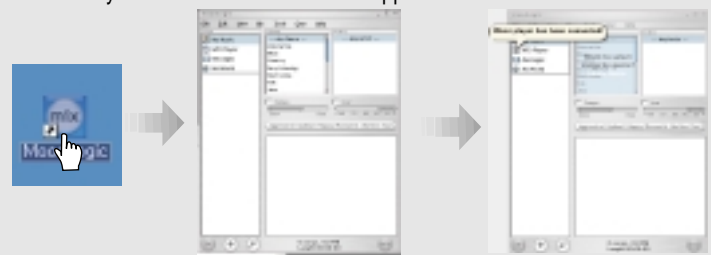
NOTE MoodLogic can not be open at the same time as iRiver Music Manager. Please close iRiver Music Manager before opening MoodLogic.

CONNECTING THE PLAYER TO THE PC USING MOODLOGIC

1) Connecting to the PC

NOTE MoodLogic is for the PC only.

1 Open MoodLogic. Connect the player to your PC and power it on. "iRiver Player has been connected!" will appear.



TRANSFERRING FILES USING MOODLOGIC

1) Downloading from the PC

1 Select "My Music" to add music files on the MoodLogic.



- 2 Select "File → Add Music" to add music files on the MoodLogic.



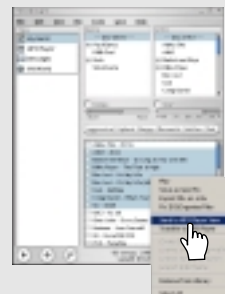
- 3 Select "Scan My Computer for music files (Recommended)" and click "Next".



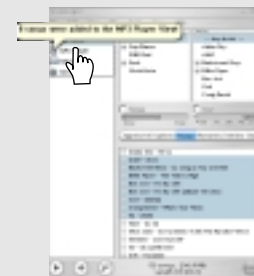
- 4 Click "Finish" after MoodLogic is finished searching for music on your PC. MoodLogic will take several minutes to search your computer for music files.



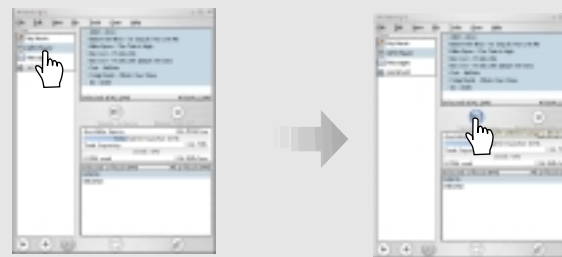
- 5 Select a song or group of songs from the list. Right click on the group and select "Send to MP3 Player View".



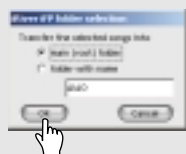
- 6 To see the list of songs to be transferred to the MP3 player, click "MP3 player" on the left part of the screen.



- 7 Click the "Transfer to Device" icon to send the songs to your player.



8 Click "OK" after selecting folders to save.



NOTE Only 8 levels of subfolders are allowed, beginning with the Root folder.

2) Deleting files of the player using MoodLogic

Click "Delete" icon after selecting files to delete.



6. ADDITIONAL INFORMATION

CONTENTS..... 6
 TROUBLE SHOOTING..... 6-1
 PRECAUTIONS..... 6-2
 ACCESSORIES..... 6-3
 SPECIFICATIONS..... 6-4

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

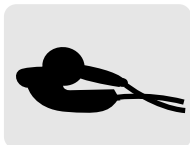
No Power	<ul style="list-style-type: none"> Check whether the HOLD switch on the player is ON (Switch to OFF position) Battery may be discharged. Charge it after connecting the USB cable between the PC and the player.
No sound or distortion during playback.	<ul style="list-style-type: none"> Check whether VOLUME is set to "0". Connect the earphones plug firmly. Check whether the plug is dirty. Clean the plug with a dry and soft cloth. Corrupted MP3 or WMA files may make a static noise and the sound may cut off. Listen to your files on the PC to see if they are corrupted.
Characters in LCD are corrupted.	<ul style="list-style-type: none"> Check out Menu ▶ General ▶ Language and confirm whether the right language has been selected. (Refer to page 4-11)
Poor FM Reception.	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Check to see if the battery is discharged, charge if necessary. Check the connection between your computer and the player to ensure that the cable is secure. Check the Manager program to make sure it is operating. Check whether the player's memory is full.

SAFETY

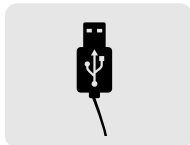
- Avoid dropping or impacting the player.**
The player is designed to operate while walking or running, but dropping or excessively impacting the player may cause damage.
- Avoid contacting the player with water.**
Damage to the internal parts of the player may occur if the player comes into contact with water. If your player gets wet, dry the outside with a soft cloth as soon as possible.

ON HEADPHONES AND EARPHONES

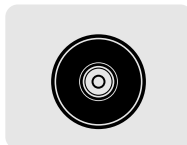
- Road Safety**
Do not use headphones/earphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headset at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.
- Preventing hearing damage**
Avoid using headphones/earphones at high volume. Hearing experts advise against continuously 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.

1 Earphone/
Earphone cover

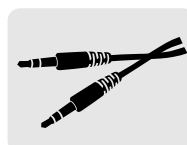
2 USB cable



3 Installation CD

4 User Manual/
Warranty card5 Neck strap for
carrying

6 Audio Cable (Line-In)



7 AC Adapter



8 Arm Band



9 Carrying Case



* Accessories subject to change without notice and may vary from image shown.

Memory	256 MB	512 MB	1 GB
Model No	iFP-590	iFP-595	iFP-599

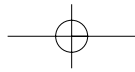
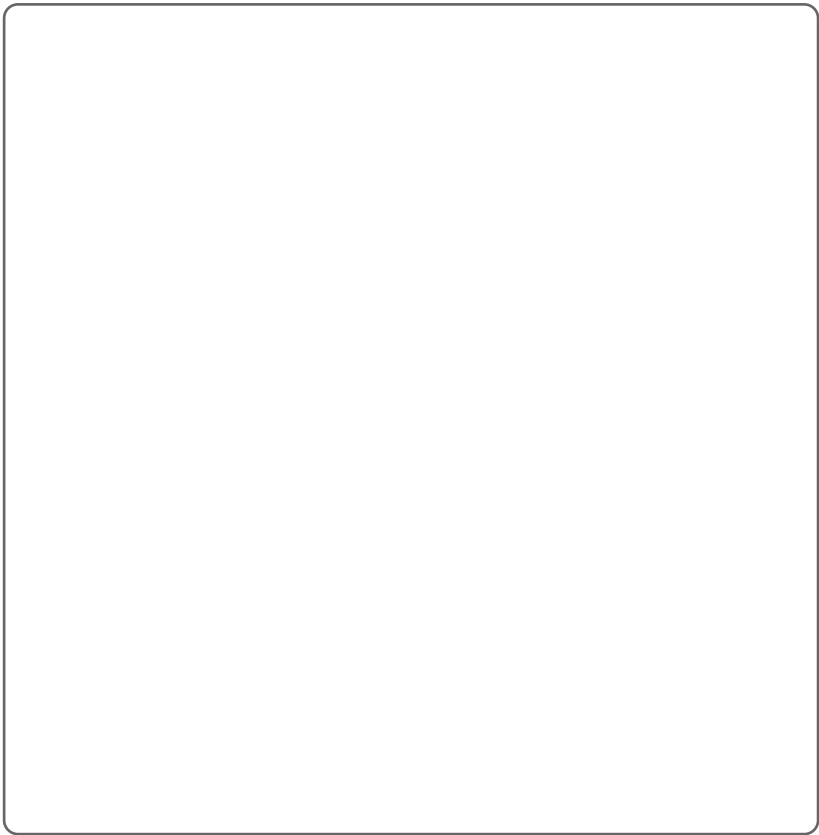
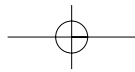
* Memory is not expandable.

Category	ITEM	Specifications		
FM TUNER	FM Frequency range	87.5 MHz ~ 108 MHz		
	Headphone Output	(L)12 mW + (R)12 mW (16 Ohm) max. Volume (L) 7 mW + (R)7 mW (32 Ohm) max. Volume		
	S/N ratio	50 dB		
	Antenna	Headphone/Earphone-Cord Antenna		
Dimension		64 x 51 x 19.1 mm		
Weight		60 g (Battery included)		
Audio	Frequency range	20 Hz ~ 20 KHz		
	Headphone Output	(L)12 mW + (R)12 mW (16 Ohm) max. Volume (L) 7 mW + (R)7 mW (32 Ohm) max. Volume		
	S/N ratio	90 dB(MP3)		
FILE SUPPORT	File Type	MPEG 1/2/2.5 Layer 3, WMA, ASF		
	Bit Rate	8 Kbps ~ 320 Kbps		
	Tag Info	ID3 V1, ID3 V2 2.0, ID3 V2 3.0, ID 3 V2 4.0		
MP3 Encoding		MPEG 1/2/2.5 Layer3		
LCD		Full Graphic 4 Line with Backlight		
Language		39 Languages		
Voice Recording		Approx. 72:00 hrs (8kbps, 256 MB)	Approx. 144:00 hrs (8kbps, 512 MB)	Approx. 288:00 hrs (8kbps, 1 GB)
Max. Playtime		Approx. 28 hours(128 kbps, MP3, Volume : 20, EQ Normal)		
USB		USB 1.1		
Operational Temperature		-5 ℃ ~ 40 ℃		

MEMO



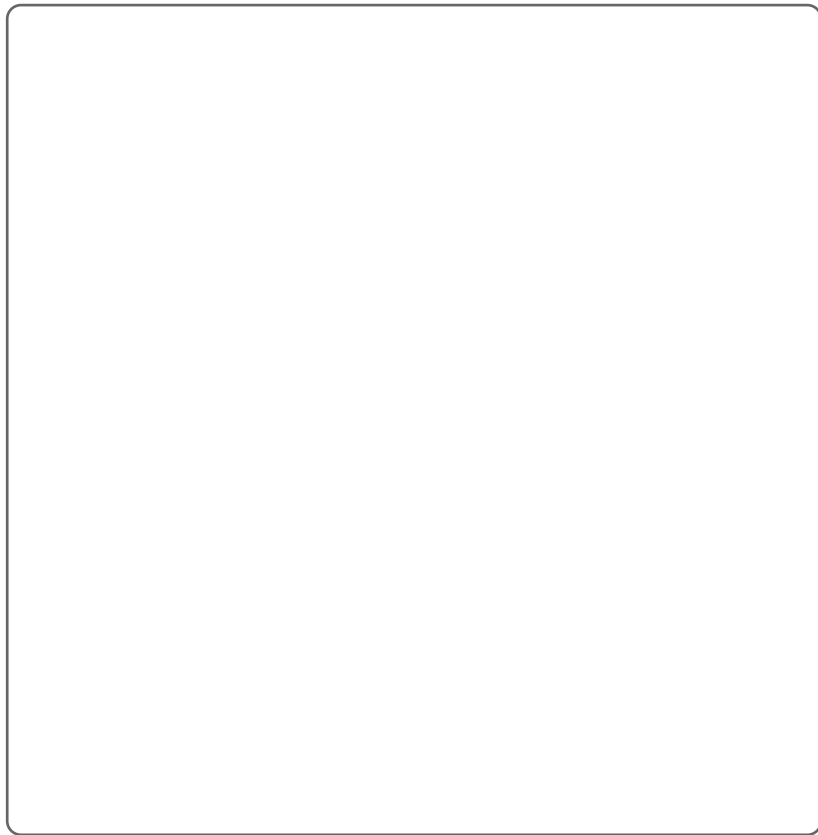
6-5



MEMO



6-6



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