Basic operation
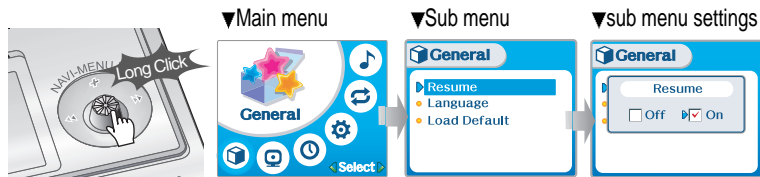
I Press and hold the NAVI/MENU button to display the menu system.
I The MENU system is composed of 6 main menus with sub-menus.

▼Main menu ▼Sub menu ▼sub menu settings

Long Click

General

General
▶Resume
● Language
● Load Default

General
Resume
☐Off ▶☑On

To select Main Menu

1 Push the NAVI/MENU button to the ◄◄ or ►► direction to select menu.

Previous Next

Push

Display

Timer

Control

2 Click the NAVI/MENU button.

Click

General

General
▶Resume
● Language
● Load Default

Enter Sub Menu

Push the MENU/NAVI button to the ◄◄ or ►► (VOL + or VOL -) direction to select sub menu.
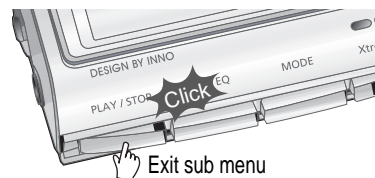Push the MENU/NAVI button to confirm.

Up
Previous Next
Push

Click

General
▶Resume
● Language
● Load Default

General
Resume
☐Off ▶☑On

You can set, cancel or change sub menu by pushing the NAVI/MENU button toward ◄◄ or ►► or VOL +, VOL -.

Up
Previous Next
Push
Down

Click

Sound
XTreme 3D
Natural
▶☑DBE ☐3D EQ
● Sound Balance

Exit Sub Menu

Click the PLAY/STOP button to return Main MENU at the sub-menu setting.

Click

Exit sub menu

Exit Main Menu

Click the PLAY/STOP button to exit Main Menu.

Click
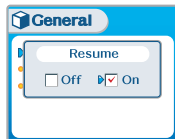
Exit main menu
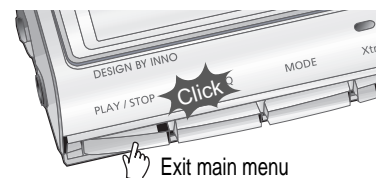
Menu-General

General

Resume

ON : Playback resumes from the previous location in a song when the player is stopped or powered off.

OFF : Playback begins from the first track after the player is stopped or powered off.

Language

Support 40 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)
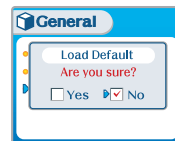

Load Default

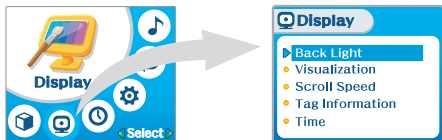**Initialize menus to the original factory settings.**
The button's operation order is as below.
Click NAVI/MENU (select default menu) → |◄◄ or VOL+ (select YES) → Press NAVI/MENU (select YES : Initialization)
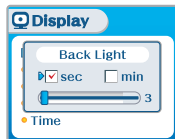

Convenient functions

Display

Back Light

You can adjust the time that the Backlight stays on.
SEC : Backlight stays on from 3 to 30 seconds.
MINUTE : Backlight stays on from 1 to 30 minutes.
Press the NAVI/MENU button to set SEC/MINUTE.

Visualization

During playback, you can display visualizations, the elapsed time of the track, or the free memory on your player.
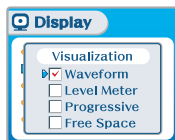
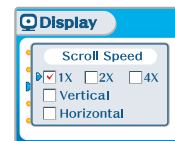Waveform ▶   Progressive ▶

Level Meter ▶   Free Space ▶

Scroll Speed

Adjust scroll speed by 1x / 2 x / 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

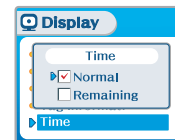Note • File name will be displayed by default for songs with no ID3 information

Time

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

Note • Time display may not be accurate for files encoded in Variable Bit Rate formats.

Timer

```
🕐 Timer
▶ Sleep Power Off
● Stop Power Off
● Set Time
● Alram/Record Select
● Set Arlam
▶ Tuner Rec. Reservation
```

Sleep Power Off

Automatically turns the power off after a fixed time.
(Time range can be set from 0 to 180 minutes by one minute increments.)
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.
ON : A beep sound will play one minute before the player shuts
off.
OFF : No beep sound is played.
● Once powered off, the sleep timer will reset to 0.

```
🕐 Timer
Sleep Power Off
☑ Off   ☐ On
           0 min
Beep ☐ Off ☑ On
```

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.

```
🕐 Timer
Stop Power Off
           1min
● Alram/Record Select
● Set Arlam
```
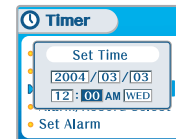
Set Time

Set the current time.
Push the NAVI/MENU switch toward ⏮ or ⏭ to select the
item and toward VOL + or VOL - to set the clock.
Use the ⏮ or ⏭ switch to adjust time.

● A day of the week is automatically set.

```
🕐 Timer
Set Time
2004 / 03 / 03
12 : 00 AM WED
● Set Alarm
```

Alarm/Record Select

OFF : The Alarm and Tuner Record functions are disabled and
the player will not power on at either indicated time.
ALARM : At the time indicated in the "Set Alarm" setting (see
below) the player will power on and begin music playback."
TUNER RECORD : At the time indicated in the "Tuner Rec.
Reservation" setting (see page 5-21) the player will power on
and begin recording from the selected radio station.

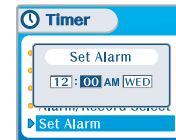Push the NAVI/MENU switch toward ⏮ or ⏭ (VOL + or
VOL -) to select the item.

```
🕐 Timer
Alarm/Record Select
▶ ☑ Off
  ☐ Alarm
  ☐ Tuner Record
● Set Alarm
```

Set Alarm

Set the working time of alarm.
Push the NAVI/MENU switch toward ⏮ or ⏭ to select the
item and toward VOL + or VOL - to set the alarm.
DAY : Alarm rings at the set time of the set day repeatedly.
ALL : Alarm rings at the set time everyday.

```
🕐 Timer
Set Alarm
12 : 00 AM WED
Alarm/Record Select
▶ Set Alarm
```

Menu-Timer

Tuner Rec. Reservation

Set the time and station to be recorded.
Push the NAVI/MENU switch toward ◄◄ or ►►| to select the item and toward VOL + or VOL - to set the recording time.

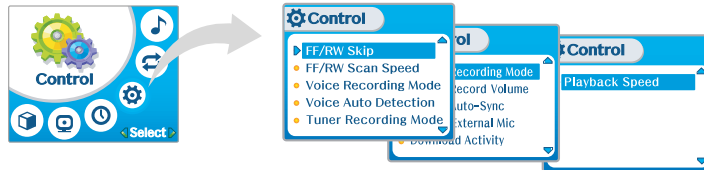**DAY** : Tuner recording is started at the same time of the set day repeatedly.
ALL : Tuner recording is started at the set time every day.
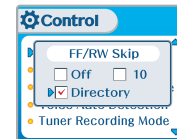**End Time** : Can set the range of recording time from 10 Min. to 240 Min.

MENU-Control

Control

Fast Skip

This defines the operating method of short or long click of ◄◄ or ►►| lever. ↔
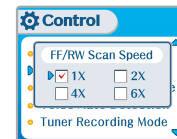
OFF : Skip doesn't activate.
10 : Skip 10 tracks at time.
DIRECTORY : Skip to previous or next folder.

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.

ON : When recording voice, the recording level is automatically controlled and recordings from long distances are enhanced.
OFF : AGC(Automatic Gain Control) not activated.
Bit Rate : 8Kbps~160Kbps
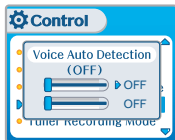**Sampling Frequency** : 11.025KHz ~44.1KHz

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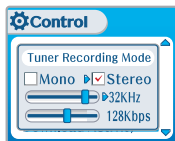
Tuner Recording Mode

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

Mono : Recorded to Mono sound.
Stereo : Recorded to Stereo sound.
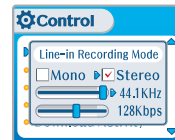**Bit Rate** : 8Kbps~320Kbps
Sampling Frequency : 11.025KHz ~44.1KHz

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 Record Volume

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

Line-in 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.

Convenient functions

Convenient functions

Menu-Control

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
● To record from an external microphone, chose the LINE-IN recording mode.
● The recording quality level will be set to the values chosen for LINE-IN recording.

Download Activity

Select whether the player is operated for a music playback or file transferring while the player is attached to the 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
● When the player turns off and on, Download Activity is always set to ON.
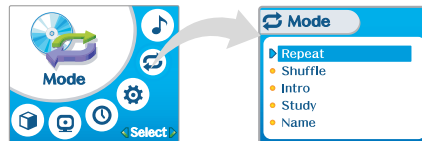
Playback Control

Adjust the playback speed.

The value of Playback Control goes on to FAST, playback speed is faster, it goes on to SLOW, playback speed is slower.
The default value is "0" and the music is played as normal speed.
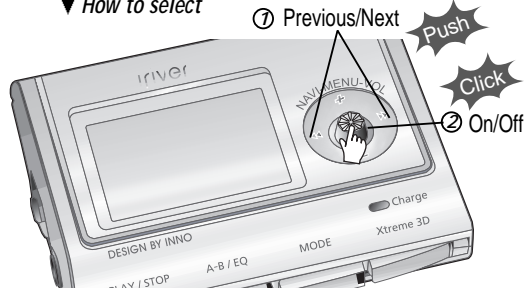
Convenient functions

Menu-Mode

Mode

Repeat/Shuffle

While an audio file is playing, press the MODE/REC button to activate selected playback mode, such as Repeat or Shuffle. (Multi selecting available)

▼ *How to select*

⑦ Previous/Next

Push

Click

② On/Off

Note
● Only the selected play mode will be available when you press the MODE/REC button (For details, please refer to page 5-5)

Convenient functions

Menu-Mode

Intro

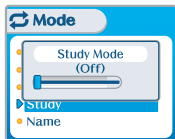**Intro** : Plays the beginning 10 seconds of each track.

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

Study

While playing, short slide of the ◄◄ or ►► lever will skip the current track set time ahead.

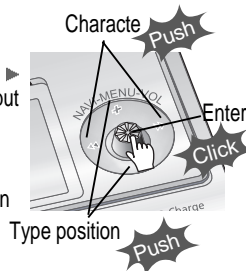**OFF** : Study Mode is disabled.
The range is 1~60 seconds.

Name

You can input your name or custom text displayed at th stop mode.

- Select the character by pushing the NAVI/MENU button toward ◄◄ and ►► and press Navi/Menu button to input the character.

- To move the cursor in the name window, push the NAVI/MENU button toward VOL + or VOL -.

- To scroll between English and your preferred language, use the MEMORY/EQ button.

- To delete the character, press the MODE
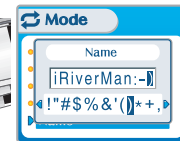
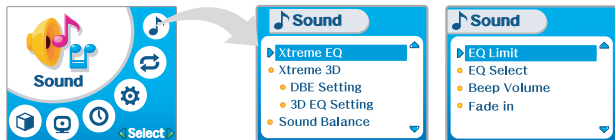- Press the PLAY/STOP button to save and exit.
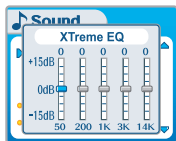
Characte

Enter

Type position

설정완료   언어변경   문자삭제
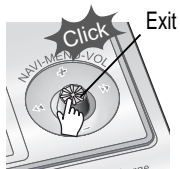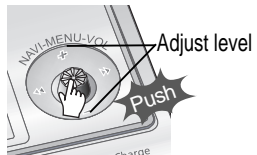
Menu-Sound

Sound

Xtreme EQ

You can adjust the sound to your preference.
There are 5 band frequency steps, set from -15dB to +15dB by 3dB step.

● *How to set Xtreme EQ*

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

Select the frequency

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

Adjust level

3. To exit Xtreme EQ setting

Exit

Menu-Sound

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 ◄◄ or ►► lever. Select DBE or 3D EQ with the NEVI/MENU button.

DBE Setting

DBE (Dynamic Bass Enhancement) enhances Low & Middle frequencies and only operates when using Xtreme 3D.

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

Set EQ to User EQ to use 3D EQ.
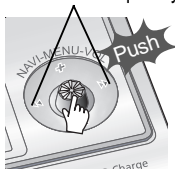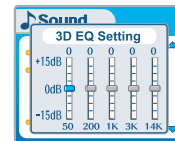**You can adjust the sound to your preference.**
There are 5 band frequency steps, set from -15dB to +15dB by 3dB step.

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

Menu-Sound

Sound Balance

Balance your sound to the right or left or keep it in the center according to your preference. When Sound Balance bar is moved to L (Left, 20),the sound outputs at the left earphone. When the 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.

♪ Sound

Sound Balance

LEFT   CENTER   RIGHT

▶ Sound Balance
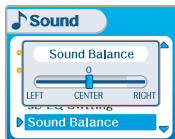
EQ Limit

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.

♪ Sound

EQ Limit

▶ ☐ Off   ☑ On

● Fade in
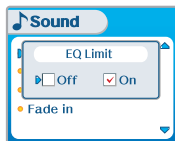
EQ Select

You can select various EQ modes.
Press the NAVI/MENU button after selecting EQ by pushing the NAVI/MENU button toward ▏◀◀ or ▶▶▏(VOL +, VOL -) direction.

♪ Sound

EQ Select

▶☑ Rock   ☑ Jazz
☑ Classic   ☑ U Bass
☑ Metal   ☑ XTrem EQ
☑ Xtrem 3D

Note
● You can not select Normal EQ.
● If you do not select Xtrm EQ or Xtrm 3D, Xtrm EQ or Xtrm 3D modes will not be available during playback in spite of adjusting the values.

Convenient functions

Menu-Sound

Beep Volume

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

🔲 General

Beep Volume

2

● Fade in

Fade in

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

🔲 General

Fade in

☐ Off   ▶☑ On

▶ Fade in

Convenient functions

Memo

Contents

편리한 기능

Additional
Information

Troubleshooting!

**Should any problem continue after you have checked these symptoms,
please contact iRiver customer support.**

No Power	● 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.	● 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.	● Check out Menu ▷General ▷ Language and confirm whether the right language has been selected.(Refer to page 5-15)
Poor FM Reception.	● Adjust the position of the player and earphones. Turn off the power of other electric devices near the player. ● The Earphone cord functions as the antenna, they must be plugged in for best reception.
Failed download of MP3 file	● Check 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.

Precautions

For Safety

● **Avoid dropping or impacting the player.**
The player is designed to operate while walking or running, but dropping or excessively impacting the player maybe cause damage.
● **Avoid contacting the player with water.**
Damage to the internal parts of the player may occur if the player comes into contact with water. If your player gets wet, dry the outside with a soft cloth as soon as possible.
● **Do not leave the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, Mechanical shock, unleveled surface, or in a car with its windows closed.**
● **Remove the battery if player is unused for long periods of time.**
Battery left in the player for a long time can corrode and damage the device.
● **All data stored on this device may be erased by a excessive impact, a thunder or an electricity failure, etc. on the device.**
The manufacturer does not warrant and will not be held responsible in any way for damages or loss of data, including loss of data stored on this device, resulting from a excessive impact, a thunder or an electricity failure, You will be responsible for safe-guarding all data stored on this device.

On headphones and earphones

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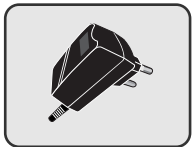
Accessories

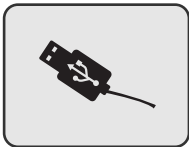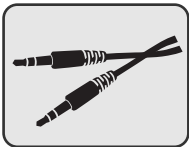**1** Earphone/ Earphone cover　**2** Installation CD　**3** User Manual/ Warranty card/Quick Start Guide

4 Adapter　**5** USB cable　**6** Audio Cable

7 Carrying Case　**8** Arm Band　**9** Neck strap for carrying

Specifications

Memory	256MB	512MB	1GB
Model No	iFP-990	iFP-995	iFP-999

※ Memory is not expandable.

Category	Item	Specifications		
Audio	Frequency range	20 Hz ~ 20 KHz		
	Headphone Output	(L)18 mW + (R)18 mW (16 Ohm) max. Volume		
	S/N ratio	90 dB(MP3)		
FM Tuner	FM Frequency range	87.5 MHz ~ 108 MHz		
	S/N ratio	60 dB		
	Antenna	Headphone/Earphone-Cord Antenna		
File Support	File Type	MPEG 1/2/2.5 Layer 3, WMA, OGG, ASF		
	Bit Rate	8 Kbps ~ 320 Kbps (OGG : 44.1KHz, 96Kbps ~ 225Kbps)		
	Tag Info	ID3 VI, ID3 V2 2.0, ID3 V2 3.0, ID 3 V2 4.0		
LCD		260,000 Color Graphic LTPS(Low Temperature Poly Silicon) LCD with Backlight		
Language		40 Languages		
Voice Recording		Approx. 18:00 hrs (32kbps, 256 MB)	Approx. 36:00 hrs (32kbps, 512 MB)	Approx. 372:00 hrs (32kbps, 1GB)
Max. Playtime		Approx. 40 hours (128 kbps, MP3, Volume : 20, EQ Normal, LCD off)		
USB		USB 1.1(Full speed supported)		
Dimension		91.1(W) x 34(H) x 31.3(D) mm		
Weight		63 g (Battery included)		
Battery		Rechargeable Battery		
Operational Temperature		-5 ℃ ~ 40 ℃		

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION

IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY

NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST

ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT

MAY CAUSE UNDESIRED OPERATION.

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.

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