



MP3
DIGITAL AUDIO

FM
TUNER

COMPACT
disc
DIGITAL AUDIO

Plays
Windows
Media™

User Manual

MULTI - CODEC CD PLAYER/FM TUNER

Model SlimX 450

iRiver

Model SlimX 450

iRiver



Firmware Upgradable

Thank you for purchasing the product.
Please read the manual carefully before use.

<http://www.iRiver.com>

<http://www.iRiver.com>

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 UNDESIRE OPERATION.

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

- **Multi-Codec CD Player**

Supports MP3, WMA and ASF format as well as conventional Audio CD.

- **Firmware Upgrade**

Provides the latest updated features via firmware upgrade.

- **Built-in Recharging with Over Charge Protection Circuit**

Over Charge protection circuit prevents over powering the batteries. Discharging function prevent the batteries from lessening the life time of rechargeable batteries caused by memory phenomenon.

- **Graphic LCD supporting Multiple Languages**

The SlimX 450 comes with a graphic LCD which can support multiple languages, including: English, French, Spanish, German, Italian, other alphabet-oriented fonts, Korean, Japanese (Katakana, Hiragana, Kanji), Chinese (Traditional, Simplified) and others.

A total of 39 languages are supported.

- **Anti-Shock protection**

160 Sec for standard Audio CD/480Sec for MP3 (44.1KHz, 128kbps standard)/960 Sec for WMA (44.1KHz, 64kbps)

- **iRiver ShockFree Anti-Shock System+ESP function**

Using exclusive iRiver anti-skip technology, the SlimX 450 provide maximum skip protection by buffering your music before playback.

- **Enhanced Battery Life**

With MP3 files, the SlimX 450 can play for up to 55 hours (Using the internal batteries and external battery pack). (External Battery Pack : AA Size x 2)

- **FM Tuner**

Auto scanning and frequency memory function make it easy for you to listen to the FM Radio.

- **Recognize Discs in Packet Write or Multi session Format**

- **WinAmp Playlist support.**

SlimX 450 support Winamp M3U Playlists. (maximum 20 lists)

- **Supports 9 Equalizer Patterns.**

- **Graphic User Interface Menu Support**

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

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

- Unique feature of "Firmware (system software) Upgrade" is available for download on our site. The Firmware Upgrade allows for premium disc readability and provides new features as well as enhancements to current features. New CODECs that will be introduced in the future may be supported via Firmware Upgrade.

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

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Getting started

FCC Certification..... 1
 Unique Features..... 2
 Internet..... 3
 Contents..... 4

1. Locating the Controls

Front View, Rear View..... 5
 Side View, Inside View..... 6
 Remote Control, LCD Window..... 7

2. Basic Operation

Player..... 8
 Remote Control..... 9~10
 Listening to Music..... 11~12
 Operating the FM Tuner..... 13~14

3. Useful Features

Navigation Mode..... 15
 Playback Mode..... 16
 Program Mode..... 17~18
 +/-10, EQ Mode..... 19
 BOOKMARK..... 20
 MENU..... 21~32
 iRiver Shock Free..... 30
 Using the Password..... 33~34
 Using WinAmp Playlist..... 35~36

4. Additional Information

About Power Supply (Charging and discharging)..... 37~40
 FAQ..... 41~46
 Trouble Shooting..... 47~48
 Precautions..... 49~50
 References..... 51
 Accessories..... 52
 Specifications..... 53
 Regulatory Information..... 54
 Safety Warning..... 55

FRONT VIEW



OPEN

REAR VIEW



Product Serial Number

Hold

SIDE VIEW

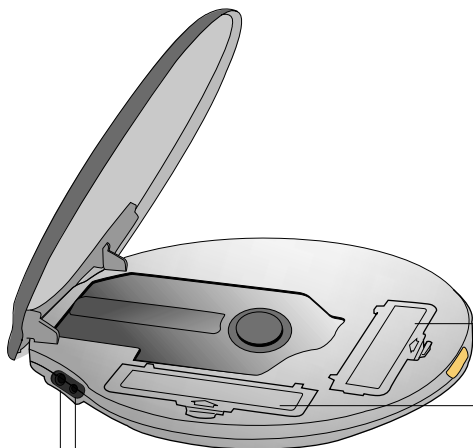


LINE OUT : Use to listen through your home stereo.

REMOTE CONTROL/
EARPHONE



INSIDE VIEW

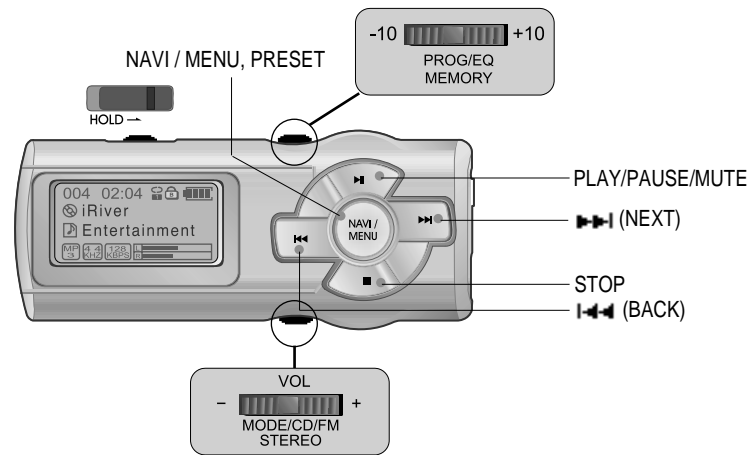


BATTERY COMPARTMENT

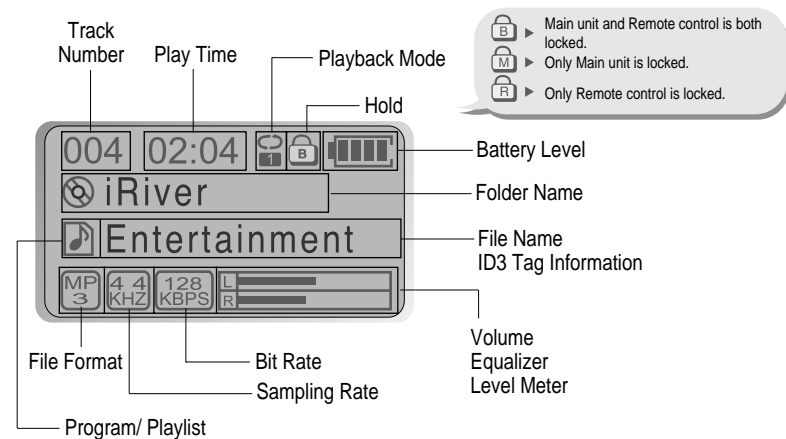
EXTENSION BATTERY PORT

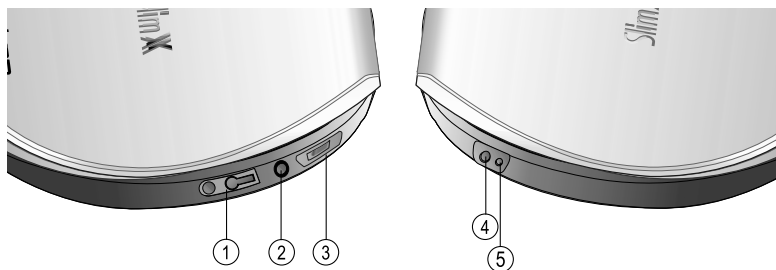
DC IN 4.5V : Connect the Adapter to charge rechargeable batteries or using external power. Insert them by matching the + and - polarity.

Remote Control



LCD Window





1. **Earphones Jack** : Connect Earphones/Remote Control.
2. **Line Out Jack** : To connect the car kit or other audio equipment (speaker etc.).

3. **FM \leftrightarrow CD conversion**

FM :

- ▀ To select FM channel

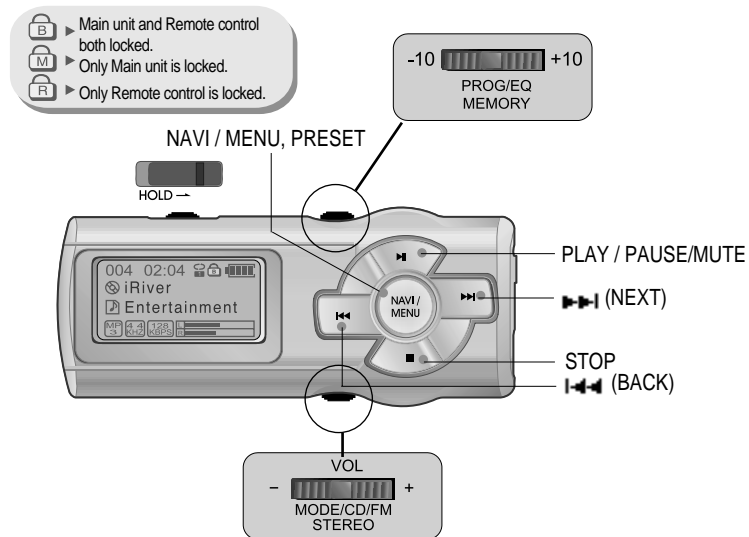
Click buttons.

CD Playback :

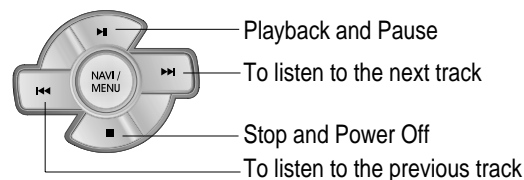
- ▀ **Music selection**
Push buttons.
- ▀ **Volume Control**
Push and hold buttons.
- ▀ **Play/Pause**
Click button.

4. **DC IN 4.5V** : Connect the Adapter to charge rechargeable batteries or to use external power. Insert them by matching the + and - polarity.
5. **EXT BATT** : Connect the DC battery pack supplied with the player.

The remote control operates every function using 8 switches or buttons.



Basic Operation Function



● **Navigation Operation**




● **Menu Operation**




BASIC OPERATION





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


Changing Mode :  (Refer to page 16)

CD → FM Changing : 

NAVIGATION








Press the Navi/Menu jog lever with a short click and find the desired track by pressing  or .

To play the track, press Navi/Menu(or ) with a short click.

To move to the upper folder, press  with a short click. (or press and hold the Navi/Menu button.) When there is not any upper folder, the navigation will exit.

MENU

Long press of NAVI/MENU will execute menu function.

-  Scrolling between menus : Press  and .
-  Select Function: press Navi/Menu button(or ).
-  Exit : Press  or press and hold Navi/Menu button.

MODE

While CD is playing, press Mode/CD/FM button with a short click to activate selected modes, such as Repeat and Shuffle.

- 1 Slide the open button on the side of the player and insert the disc with the disc label facing out. Close the lid.



- 2 Connect Remote Control and Earphones.

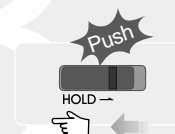


- 3 Slide HOLD switch on the remote or the player to the Off position.

<The Player>



<The Remote Control>



- 4 Press the PLAY/PAUSE button to play.






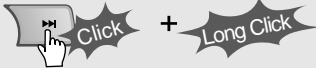
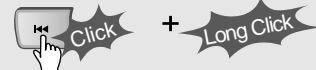



<The Player>



<The Remote Control>



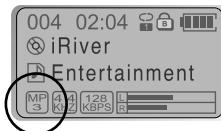


- **Play/Pause** 
- **CD → FM Changing** 
- **STOP** 
- **Play Next Track** 
- **Play Previous Track** 
- **Play Next Folder (FF Skip)** 
- **Play Previous Folder (RW Skip)** 
- **GO Forward Quickly** 
- **Go Backward Quickly** 
- **Power Off** 




Tip
File Format displayed as below

- | | |
|---|---|
|  ASF |  WMA |
|  Conventional Audio CD |  MP3 |
|  IRM | |



*** IRM (iRiver Rights Management)**

iRiver Rights Management is a digital music format. Please visit our web site for details about this music format.

- While playing a CD, you can switch back and forth between CD and FM mode with a long click of the Mode button. 


NOTE The sound output may be delayed while switching from CD to FM mode.

- To select Stereo/Mono  The STEREO indicator is displayed during stereo FM reception. 



- Power Off 

- To mute 



- To release the muting 

- To turn on the backlight always 

● **Selecting Frequency (FM 87.5MHz ~ 108MHz)**



1 To change frequency, push and release  or .



2 **Auto Scan function** : To Auto Scan for a station, release the PRESET mode by pushing the NAVI button. Find the station by scrolling  or .



<PRESET RELEASING>

3 **PRESET Mode** : To select memorized channel, push the Navi button and find the memorized channel by scrolling  or .



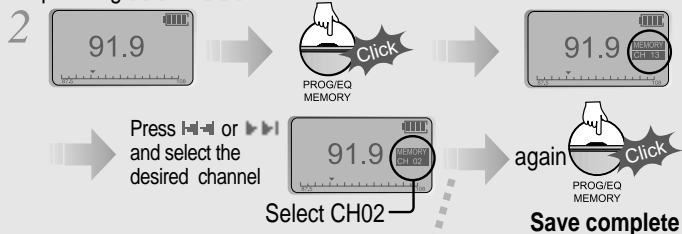
<PRESET SETTING>



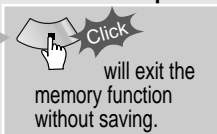
- ▶ FM tuner reception will be affected in weak transmission areas.
- ▶ When player does not have any preset channels, EMPTY will be displayed at preset mode then fade out.

● Memory Function (Save channels)

1 Push the Navi button to release PRESET mode, select the station by pressing or .



3 Up to 20 channels can be memorized.



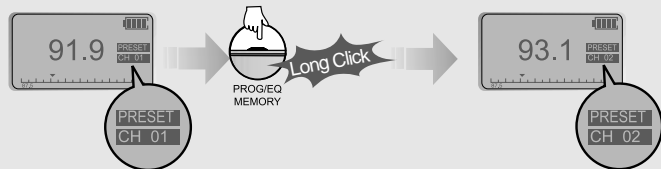
● **Auto memory function :** (To save the Channels automatically)
Push the NAVI button to release PRESET, push and hold the PROG button. CH01 to CH20 will be saved automatically with the first 20 stations the player finds.



● Memory delete function (Delete saved channels)

1 Select channel to be deleted by pressing the NAVI and or button at PRESET mode.

2 Press and hold the PROG button.



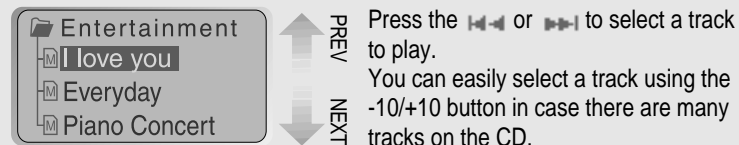
3 The next channel will appear when channel delete is completed. Press and hold the PROG button if you want to delete the next channel also.

NAVIGATION

Navigation mode is useful for quickly searching your files by using file name. (Refer to page 36 for reservation)

1 Press the NAVI button to display the list of audio tracks.

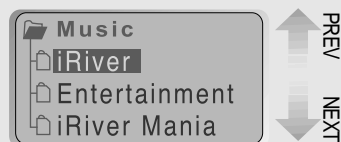
The current track will also be displayed.



: To move to the upper folder.

2 Select Folder or Move to the upper folder.

Press the or to select a folder to play. And press the NAVI or button to select the folder.



: To enter the folder

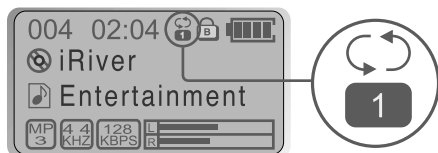
3 Playing



: Press the or to select a track to play. The song will be played when you press the play button.

⚠ When navigating, the operation of the button in the remote control is same as the operation of the button in the player, so it cannot move to the upper folder.

Various ways of music playback are available.
Please refer to the MODE (page 30) for user-defined configurations.



◀ When MODE button is pressed, 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 disc repeatedly.

SHUFFLE

SFL	Randomly play all tracks in the disc repeatedly and stop.
SFL	Play a single track repeatedly. Press to skip to a new random track.
SFL	Randomly play all tracks in the folder repeatedly and then stop.
SFL	Randomly play all tracks in the folder repeatedly.
SFL	Randomly play all tracks in the disc repeatedly.

INTRO

	INTRO: Play 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.

PROGRAM MODE

💡 Use PROGRAM Mode to select songs in a particular order (i.e. program your favorite songs).

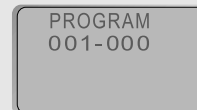


Select Program/Playlist:

▶ Playback play lists if the disc contains WinAmp play list *.m3u files. (Refer to page 35~36)

Activating Program mode

1 While in Stop Mode



▲ Change to Program mode

- Program mode is activated while in Stop Mode.
- Repeat A-B is activated while in Play Mode.

2 After selecting the desired track using , , +10 button (or NAVI/FUNCTION button),



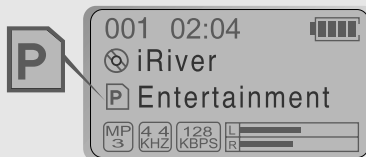
The order of programmed track
The order of track in the CD

- To add all the songs in a certain folder, use the NAVI button and select the folder using or button and then press PROG button. (Subfolders can not be added.)
- **TO REMOVE A PROGRAMMED SONG**
Select the song to be deleted using the PROG button and press the Mode button. The program list will be updated automatically.

Program Play

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

The program mode icon appears



Cancel Program Mode

While Playing



While in Stop Mode



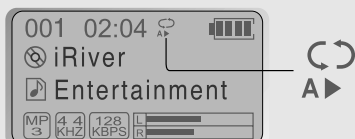
Interval Repeat

Play a selected interval repeatedly



PROG/EQ MEMORY

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



PROG/EQ MEMORY

Press button again to select the ending Point.



A-B interval will be repeated.

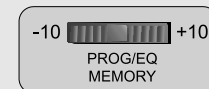


Tip

When you program songs, using the NEXT/ BACK or +/- button will show you the songs that aren't programmed.

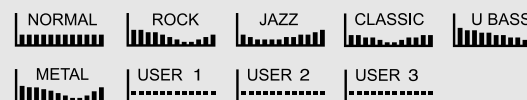
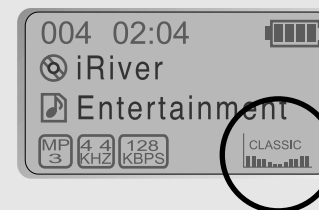
-/+10 Function

During playback, press the -10/+10 button to -10/+10 to go previous or forward 10 tracks.



EQ Mode

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



FAQ

Q Can I customize the equalizer settings?

A Yes, for details, please refer to page 32 for details on customizing the EQ in MENU to your own preferences.

BOOKMARK

This function allows you to BOOKMARK parts of a track for easier searching of long audio segments.

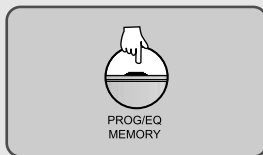
Bookmark function is activated under the Study mode.
(Refer to page 30 for Study mode.)

Long click of PROG button will add / delete / move the bookmark.

Bookmarks can be reserved up to 20 per disc.

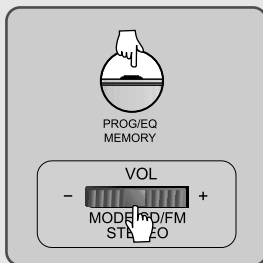
- Bookmark Add :

Long click the PROG button and click the PROG button to add the present location into the bookmark.



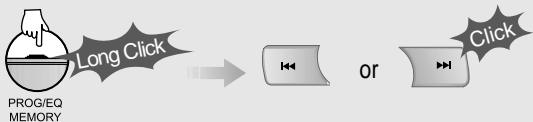
- Bookmark Delete :

Long click the PROG button and click the MODE button to delete the present location from the bookmark. Whenever you press the MODE button, the bookmark will be deleted in backward sequence.



- Moving to next bookmark : Long click the PROG button and press to move to the next bookmark.

Moving to previous bookmark : Long click the PROG button and press to move to the previous bookmark.



Configuration



Function Control is subject to change with different firmware versions.
You can configure your own settings.

GENERAL

- beep volume
- resume
- fade in
- language
- cd esp
- sort
- password
- multi session
- load default

DISPLAY

- back light
- lcd contrast
- visualization
- tag information
- time
- battery indicator

TIMER

- sleep
- pwr off

CONTROL

- fast scan
- fast skip
- scan speed
- scroll speed
- +/-10 button
- auto pause
- adapter volume
- sound balance
- eq limit
- tag auto eq

MODE

- repeat
- shuffle
- intro
- study
- name

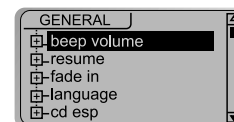
User EQ

- USER EQ 1
 - bass boost
 - treble boost
- USER EQ 2
 - bass boost
 - treble boost
- USER EQ 3
 - bass boost
 - treble boost

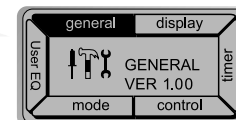
Menu Operation

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

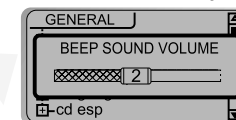
▼ SUB MENU



▼ MAIN MENU



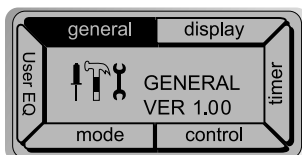
▼ SUB MENU Setting



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

Shift between Menus

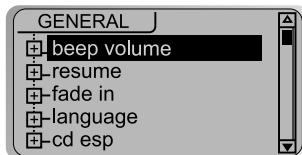
Press the button to move to previous menu, press the button to move to next menu.



From Main Menu to Sub Menu

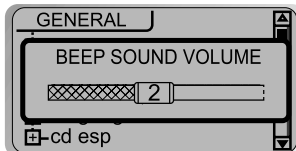
Use the to select a sub menu, press the NAVI or button to display the contents of that sub menu.

Previous
Next



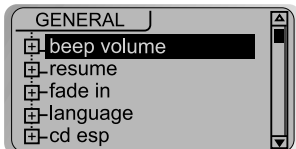
Change Settings

Use the or button to change the settings. Press the NAVI button to save the setting.

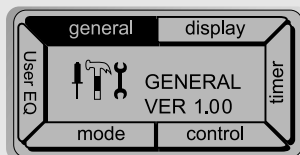


Exit Sub Menu

Press the STOP () button to exit the sub menu and to display the initial setting menu.



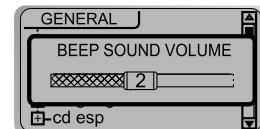
Press the STOP () button at the initial setting menu to exit Function Control Mode.



GENERAL

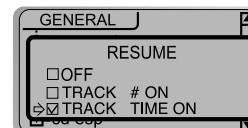
BEEP SOUND VOLUME

Configure beep sound (ON/ 0 for OFF) with volume level.



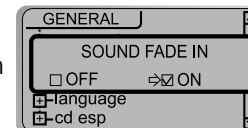
RESUME

You can select how to resume the last track played. "Track #" plays the beginning of the last track played, while "Track Time" resumes to the exact position in the song.



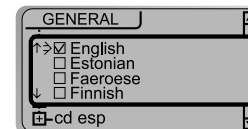
SOUND FADE IN

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



LANGUAGE (supports 39 languages)

Song title and ID3 tag information for the CD is dependent on the version of the PC operating system that was used to create it. (For example, if a CD is created in a Korean version of Windows, the language setting should be Korean for proper title display)



CD ESP (CD ANTI-SHOCK)

This is the function to prevent skipping when playing a Standard Audio CD.

For best sound quality, it is recommended to use the 40 SEC option, for maximum skip protection, 160 SEC option is suggested.

If 160 SEC is selected, the sound quality of the music will be degraded due to higher compression of the music in comparison with 40 SEC.

MP3 CD (128Kbps, 44KHz) is always operated 480sec option.



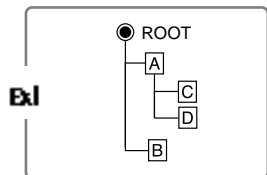
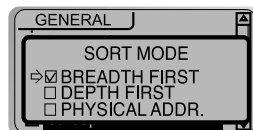
SORT MODE

Using the directory structure example on the right, the sort methods will play folders in the following order.

BREADTH FIRST : ROOT → A → B → C → D

DEPTH FIRST : ROOT → A → C → D → B

PHYSICAL ADDR. : Songs are sorted in the sequence they were written to the CD independent of directory structure.



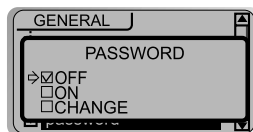
PASSWORD

OFF : Password function is not activated.

ON : Password function is activated.

CHANGE : To change the Password

- Refer to page 33~34.

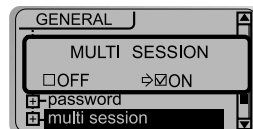


MULTI SESSION

OFF : the player will not read Multi Session written disks

ON : the player will read Multi Session disks

If you are not using audio CD's created in Multi Session format, set this feature to OFF to shorten the access time of your CDs.



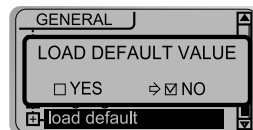
LOAD DEFAULT VALUE

Initialize to original factory setting.

Button operation is as below

▶|| (Select Default Menu) → ←| (move to YES) →

▶|| (Select YES : INITIALIZATION)



DISPLAY

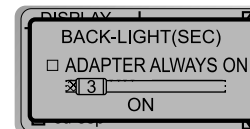
BACK-LIGHT (SEC)

Select the back-lighting time.

Adjust the lighting time (1~20Sec) by using ←| and →| button.

0 : Backlight is off.

21 : Backlight is always on.

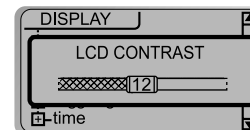


ADAPTER ALWAYS ON : Select it by using ▶|| button. If the adapter is connected, backlight is always on.

LCD CONTRAST

Adjust LCD contrast of remote control.

Contrast can be adjusted by using the ←| and →| buttons.



VISUALIZATION

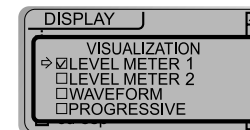
Visualizes audio signal at play mode.

LEVEL METER 1 ▶

LEVEL METER 2 ▶

WAVEFORM ▶

PROGRESSIVE ▶



TAG INFORMATION

ON : Displays track with ID3 tag information or with lyrics if there are lyrics.

OFF : Displays track with file name.

When you turn the tag information ON during track playback, display will begin with the next track played.

CAPTION OFF : You can turn off lyric display of synchronized MP3. You can select ON/OFF using ▶|| button and tag information display preference using ←| or →| button.



PLAY TIME INFO

Normal : display elapsed time of the current track.

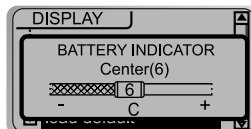
Remain : display remaining time of the current track.

Note : In case of VBR MP3 file, the remaining time may not display accurately.



BATTERY INDICATOR

Adjust the level of the battery indicator to compensate for different style of batteries. Lower numbers will make the battery indicator higher, higher numbers will make the battery indicator lower.



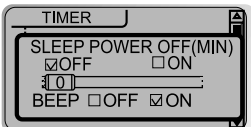
TIMER (Set Auto Power Off)

SLEEP POWER OFF (MIN)

Automatically power off after fixed time (Time range can be set from 0 to 99 minutes).

Use **FF** or **RR** button to adjust time. By using **RR** button, you can select beep sound to ON or OFF.

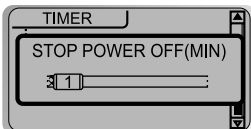
When the power is off, the sleep power off setting goes back to Zero setting.



STOP POWER OFF (MIN)

Automatically turns power off at stop mode. Time range can be made from 1~60 minutes.

FF and **RR** button can be used for time setting.

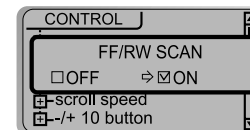


CONTROL

FF/RW SCAN (FF/RW SCAN)

ON : Long click of **FF** or **RR** button for fast scan within the track. Short click of **FF** or **RR** button for next or previous track.

OFF : Fast Scan through songs in a folder.



As typical with MP3 files, particularly VBR (Variable Bit Rate) files, fast scan may not be as smooth as conventional audio CD.

FF/RW SKIP (FAST SKIP)

Off : Disables the fast skip feature. **10** : Fast skip ahead 10 tracks or back 10 tracks.

Directory : Jump to the Previous/Next folder.

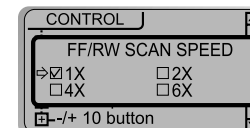
Holding after one pushing of **FF** and **RR** button can be used for this setting. (Refer to page 12)



FF/RW SCAN SPEED

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

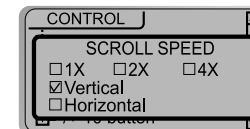
FF and **RR** button can be used for this setting. (Refer to page 12)



SCROLL SPEED

Adjust scroll speed of character displayed on the LCD (Title or Singer name) by 1x/2x/4x.

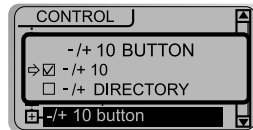
Vertical : The scroll goes from up to down
Horizontal : The scroll goes from the left to the right.



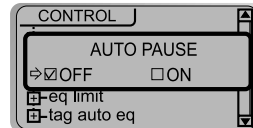
-10/+10 BUTTON

-/+10 : During playback, go back to the previous 10th track, and push it to +10 to go forward to the next 10th track.

Directory : -/+10 button works as directory skip.

**AUTO PAUSE**

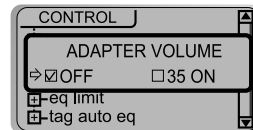
When Auto Pause is on, the player will automatically pause after a disc loads and after every song is played. you will need to press Play button to resume the playback again.

**ADAPTER VOLUME**

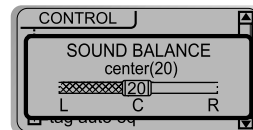
35 ON : Volume will set to 35 when the AC adapter is attached.

OFF: This function is not activated.

This feature is useful when connecting the player to your car or home stereo system.

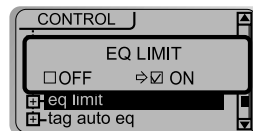
**SOUND BALANCE**

When Sound Balance bar is moved to L (Left, 0), the sound outputs at the left earphone. When the lever is moved to R (Right, 40) the sound outputs at the right earphone. The default value is 20 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 original sound though distortion may occur.

**TAG AUTO EQ**

Can automatically change EQ by reading the genre of TAG Information.

ON : Can automatically change EQ by reading the genre of ID3 TAG information.

OFF : EQ is set by the user.

EQ is selected by genre as follows :

- Pop : Pop, Instrumental Pop, Pop-Folk, Pop/Funk
- Rock : Classic Rock, Rock, Altern Rock, Instrumental Rock, Southern Rock, Rock & Roll, Hard Rock, Folk Rock, Gothic Rock, Progressive Rock, Psychedelic Rock, Symphonic Rock, Slow Rock, Punk Rock
- Jazz : Jazz, Jazz+Funk, Acid Jazz
- Classic : Classical, Opera, Chamber Music, Sonata, Symphony
- Metal : Metal, Death Metal, Heavy Metal
- Ubass : Bass, Booty Bass



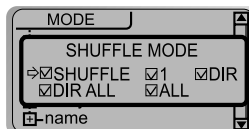
PLAYBACK MODE

REPEAT MODE / SHUFFLE MODE

Allows you to select the modes available when pressing the MODE button during playback. (Multi selection capable)

Press the **⏮** or **⏭** buttons to move between items and press the **⏸** button to select.

- ▶ Only the selected play mode will be applied when you press the MODE button (For details, please refer to p. 16)



INTRO MODE

Intro : Plays the beginning 10 seconds of each track.

Intro Highlight : Plays 10 seconds at the 1 minute mark of each track in sequential order.



STUDY

When click the **-/+10** button, it is operated as the set status.

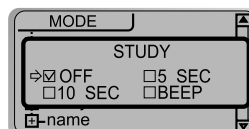
OFF : Skip ahead 10 tracks.

5 SEC : Short click of the **+10** button will skip the current track 5 seconds ahead or backward.

10 SEC : Short click of the **+10** button will skip the current track 10 seconds ahead or backward.

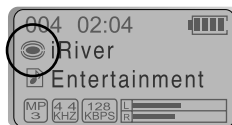
BEEP : A beep sound will be played when the buttons are operated.

- ▶ If it is set to 5 Sec, 10 Sec, BEEP, it is operated as STUDY Mode.



■ iRiver Shock Free

This is the function to prevent skipping when playing a Standard Audio CD. Press and hold the **+10** button to activate the iRiver Shock Free Mode. In case the CD is dirty or defective, iRiver Shock Free may skip more than normal operation. In this case, use the player after cancelling the iRiver Shock Free. If STUDY mode is selected, holding the PROG button activates the BOOKMARK function, see page 20).



Pressing the Mode button for a few seconds while playing will set the Enhanced Anti-shock on and off.

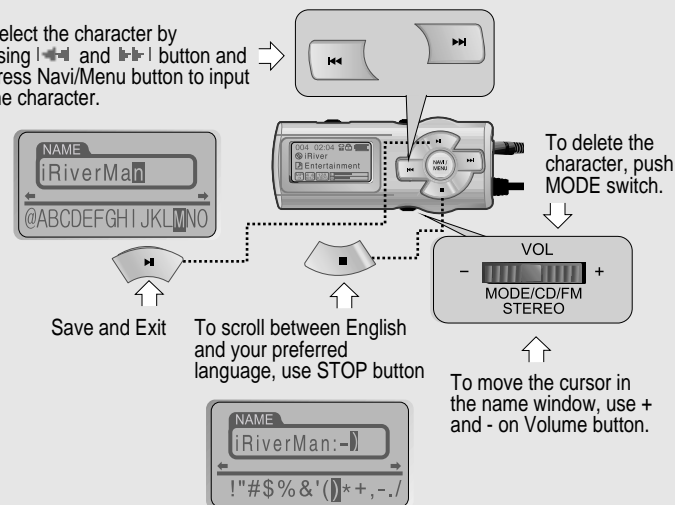
NAME :

You can input your name or custom text. (maximum 12 characters in English)

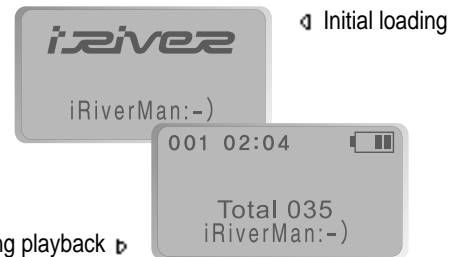


▼ Button Operation

Select the character by using **⏮** and **⏭** button and press **Navi/Menu** button to input the character.



The saved text is displayed during initial loading of disc and at stop mode during play.



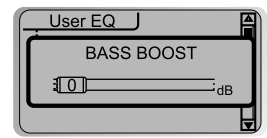
Stop during playback ▶

USER EQ

You can set the EQ according to your liking.
(USER 1, USER 2, USER 3)

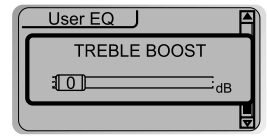
BASS BOOST

Bass Boost level is from 0 to 18dB.



TREBLE BOOST

Treble Boost level is from 0 to 6dB.



Firmware Upgradable

Upgrade your firmware at www.iRiver.com.

What is FIRMWARE?

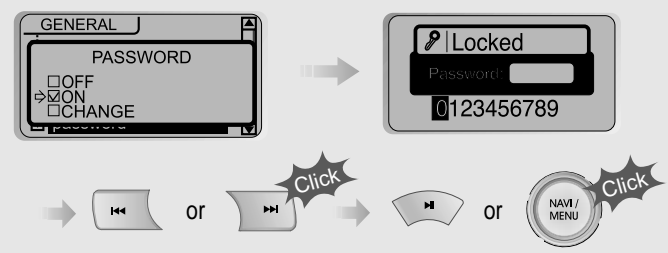
It is the operating system that works in the SlimX 450. iRiver provides you with the latest and best features through Firmware Upgrade. Visit www.iRiver.com to upgrade your Firmware.

How to UPGRADE?

1. Download the latest firmware upgrade file from www.iRiver.com.
2. Execute the file after extraction.
3. Burn the SlimX 450 HEX file to a CD (be sure there are no other files on this CD).
4. Connect the power adapter to the SlimX 450.
(Note : Upgrade the firmware after connecting the adapter)
5. Insert the CD into the SlimX 450 and play the CD.
6. Check whether your LCD window shows "Firmware Upgrade"
7. When the power goes off automatically, the upgrade is done.
8. Play your Music Disc and confirm the firmware version information displayed during loading.

Setting the Password

Select the menu you want on the "MENU → GENERAL → Password". (Refer to page 24)
The Password must be 4 digits.
After selecting the numeral by using **⏪**, **⏩** button, press the PLAY or NAVI button to input the password.



If you select "ON" on the MENU → GENERAL → Password, the right screen is displayed after loading screen when you turn the player on.



Press **⏪**, **⏩** to move the numeral and press the PLAY or NAVI button to select it. The screen as below is displayed.



When the input password is correct, the above screen is disappeared and changed to Total screen. Press the PLAY button to start the playback.

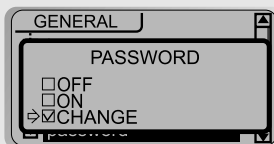
- If the password is wrong, the screen goes back to the input screen.

CAUTION!

- The Password must input as 4 digits.
- The Password is initialized as "0000" when the firmware is upgraded.

Changing the Password

- 1 Select "CHANGE" on the "MENU → GENERAL → Password".



- 2 Input the old password. (The initial password is "0000")



- 3 Input the new password of 4 digits.



- 4 Input the new password of 4 digits to confirm once more.



NOTE

- If the password to change and the password to confirm are the same, the password is automatically changed to the new one and the playback screen is displayed on the LCD. If you select "ON" on the password menu, you must input the new password to turn on the player.
- If the password to confirm is different from the changed password, the password screen goes back to the Confirm screen.
- Press the STOP button to exit changing the password, and the old password is preserved.
- The Password is initialized as "0000" when the firmware is upgraded.

USING WINAMP PLAYLIST

- 1 Make a PLAYLIST (*.M3U) using WINAMP.
Note : WINAMP software is not included with the player.

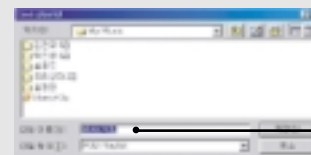
▼ Winamp execution picture

1. Launch WINAMP and add songs to make a list.



2. Click "LIST OPTS" located on the right bottom and click "SAVE LIST".

▲ Click the SAVE LIST button.




3. Name the file name (ex: iriver.m3u) and click "SAVE" to save the list.

- 2 Burn the disc with WinAmp play list and related files.

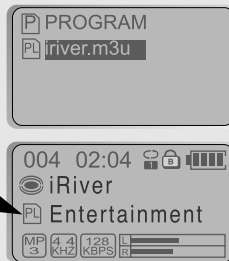
- 3 Load the disc into SlimX 450.

- 4 Press PROG button at stop mode and LCD displays a list of M3U playlist files on the disk. You can find the playlist you want to play by using the ⏪, ⏩ button.



- 5 Press  button to play the tracks in the order of the playlist.

PL icon indicates PLAY LIST. ▶



- 6 A total of 20 playlists can be recognized.




RESERVATION FUNCTION

Press the NAVI button during playback to select the next song to be played, then press PROG button to queue that song.

Ex)
Press NAVI/MENU
button during playback,

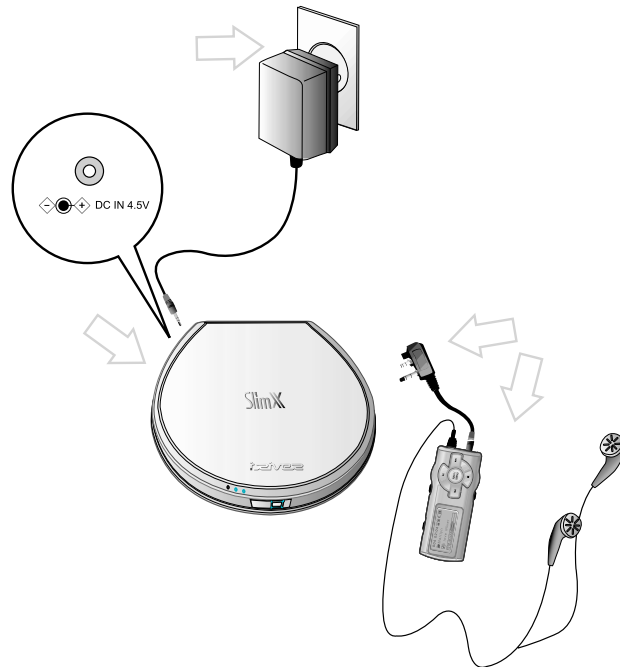


After selecting the song to play next by
using  button,



Using AC POWER ADAPTER

- 1 Use only the AC Power Adapter supplied with the player.
The AC operating voltage of this player is 100~240V, 50~60Hz.
- 2 Connect the Adapter to 4.5V DC jack on the player and AC outlet.



CAUTION!

- Disconnect Adapter when not in use.
- Do not handle this player or power cord when your hands are wet or damp. If water or other liquid enters the case, take the player to an authorized service center for inspection.

Recharging Method

- Charge and discharge function is available while the player has rechargeable batteries installed and is connected to AC power adapter.
- The charging and discharging menu on the LCD is displayed when you press and hold the stop (■) button during playback.
- While in Charge or Discharge Mode, a long press of stop (■) button turns the POWER OFF.
- While in Charge or Discharge Mode, a long press of ►|| button starts the playback after stop charging.

- 1 Install Rechargeable batteries. And press ►|| button after connecting to Adapter.
- 2 During CD playing or Tuner playing, a long pressing of STOP (■) button shifts to charge or discharge mode.
- 3 Select to Charge or Discharge Mode



Use the ◀▶, ▶▶| button to move to charge mode and click the STOP (■) button to select charge mode. The selected mode (CHARGE or DISCHARGE & CHARGE or CANCEL) automatically begin charging after 1 minute passes without menu selection (when plugged into AC adapter).



: The player is charged without Discharge



: The player is turned off without charging.



: The player is charged after full discharge

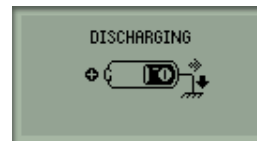
- 4 CHARGING screen is as follow



- 5 Automatically power off when charge or discharge is done.

- ✦ Charging time
 - 1450mA rechargeable batteries :
Approx. 6 hours
(At full discharge)

- 6 DISCHARGING screen is as follow



- 7 The player is automatically changed to Charge Mode when discharge is done and will automatically power off when charge is done.

- ✦ Discharging time
 - 1450mA rechargeable batteries :
Approx. 5 hours
(At full charge)

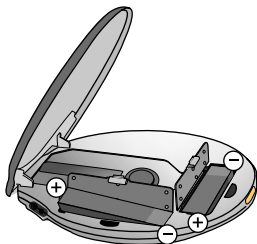
✦ Rechargeable batteries included in the player are stick type rechargeable batteries (1450mAh x 2).

⚠ CAUTION!

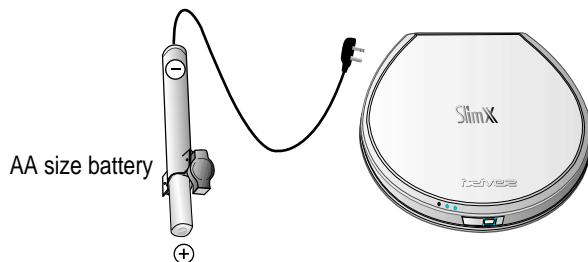
- Charge or discharge with Ni-MH (Nickel Metal Hydride Battery) batteries only.
- Do not charge or discharge with the external battery pack attached to the player.
- Do not use batteries with the different capacity.
 - it may not be charged properly.

Using rechargeable batteries

- 1 Open the battery cover on the inside of the player.
- 2 Insert rechargeable batteries(Ni-MH type x 2ea) matching + and - and close the battery cover.



Using External battery pack



- The external battery pack can be attached as shown in the figure. Two AA size alkaline batteries are used in the external battery pack.

⚠ CAUTION!

- Do not use different types of batteries together.
- Do not mix rechargeable batteries with regular batteries.
- When the batteries are not to be used for a long time, remove them.
- If battery leaks, wipe off any residue in the battery compartment and insert new batteries.
- Do not recharge a normal battery.

PLAYER

Q R How long does Anti-Shock last?

With MP3 files, Anti-Shock lasts up to 480 seconds.
With Audio CD, you can set it up to 40 or 160 seconds.

Q R Why does mechanism noise occur?

When loading a CD or searching music, CD Pick-up makes noise moving at high speed. This is not a malfunction. But if you hear mechanism noise through earphones or hear excessive noise from the player, contact iRiver Customer Service.

Q R Does using CD's created on a computer reduce the life of the Lens?

There is no connection between using a disk created on a home computer and the lifetime of the lens.

Q R Why doesn't the player recognize a CD created at high speed?

In general, it is recommended to record the CD with 1~2 level lower than the highest speed if you are experiencing playback difficulties.

RECORDING

Q R How do I copy MP3 files on to a CD?

You need to record MP3 files onto a CD-R or CD-RW disc to play in the SlimX 450.

In general, there are two kinds of blank CDs.

CD-R (CD Recordable): Recordable but not erasable.

CD-RW (CD-ReWriteable) : Recordable and can be used again after erasing.

There are several ways to burn a CD. A CD is created in sessions.

Single session: Close session after burning once.

Multi session: Do not close session after burning. More data can be written to the disk later.

This iRiver player can play packet-written CD RW's as well.

Q R What do I need to burn MP3 files?

You need a CD recorder, recording software program, and a blank CD. For details, refer to the "SUPPORT" at iRiver's homepage.

Q R How do I make a CD from a tape or record?

To convert the tape's information into CD requires many items, including: A player to play the tape or record, a stereo cable to attach the player to your computer, and third party recording software to capture and edit the audio. Connect the stereo cable from the source to the line-in input on your computer sound card; then use the third party software to record and edit the audio on the tape or record.

Once the music is recorded onto your computer, use a program to copy the music in Audio or MP3 format to a CD.

Q R I recorded an MP3 CD but it only see less than 20 songs.

The CD was probably created as an Audio CD's will only hold about 15~20 songs. To record a CD full of MP3's be sure to set your CD creation software to record Data.

Q R The player can't read songs and I get 'No disc' message.

CD readability depends on several factors:

1. CD-Media
2. The Burning/Recording Speed
3. The CD surface

When you create a CD, burning speed does matter as well as CD surface.

When you create a CD at a high speed, the data writing may not be reliable. In that case, it is recommended to create a CD at a lower speed or to use brand name media.

Q R Can I add songs to the CD I already burned?

Using multi-session or packet writing allows you to add songs to the CD.

PLAYING

Q How do I listen to a spot on the track I last listened to?

R The SlimX 450 provide a RESUME function. Go to Function, General and enter into RESUME menu. You can set Track Time or Track #.
The SlimX 450 can remember the last 10 CDs you played.

Q How many playlists can the SlimX 450 play?

R The SlimX 450 can play up to 20 playlists(*.m3u)

Q How many songs can the SlimX 450 play?

R The SlimX 450 can recognize 999 songs (20 Playlist included) and 255 folders including subfolders.

Q Does the SlimX 450 play “.ra”and “.wav” formats?

R The playable formats on the SlimX 450 are MP3, ASF and WMA files. RA and WAV formats can not be played in this player.
Supporting formats such as “.ra” and “.wav” are under consideration for the future.

Q I don't see the title and it only displays Audio Track.

R The SlimX 450 can display the information that the song contains. With MP3 files, the tag information may not be correct and with Standard Audio CD, it displays only Audio Track.
To see the song title, you need to burn the CD using CD-TEXT function. See your CD Creation software.

Q The sound cuts out when the player skips.

R If the player is shaken in a sudden or violent manner, or shaken excessively, skipping may occur. Under normal circumstances, skipping will not occur. Please carry and handle the player under normal circumstances (i.e., without excessive shaking).

Q It takes a long time to load a CD.

R Using Multi-sessioned or Packet Written CD may affect the loading time rather than using Single sessioned CD because the data is scattered in the CD.

To reduce the loading time, it is recommended you to burn in Single-session. You may contact Customer Service if it takes longer than 1 minute to load a single-sessioned CD or a Standard Audio CD.

Q It always stops after playing one song.

R Check that the "Auto Pause" feature is turned off. Also check that your player is not set to "SFL 1" mode.

Q I hear a 'hiccup' sound while the song is playing.

R Check the status of the file. What is likely happening is that the file is corrupted, especially if you hear the same sound in the same spot. In this case, it is recommended you to record the file again or download a different file.

Q Can I change the playing order?

R The SlimX 450 support m3u file lists. Also, the Program function allows you to select your preferred songs.

Q I can't hear an ASF file I recorded onto a disk.

R There are two kinds of ASF files, Audio and Video. The SlimX 450 only support Audio ASF file formats.

Q Is the sound better if I convert an MP3 file into WAV?

R MP3 is a compressed a audio format. Audio quality is lost when converting sound into MP3 format. Changing MP3 to WAV files will not restore data lost in compression and will therefore not improve audio quality

What kind of media can the SlimX 450 support?

Standard Audio CD (8Cm, 12 Cm), CD-R, CD-RW DATA CD with MP3, ASF and WMA.

The SlimX 450 also support Mixed CD (Data Track + Audio Track), CD-Extra (Audio Track + Data Track), Multi-sessioned and packet written CD.

What is VBR?

VBR is "Variable Bit Rate". Some MP3 encoders support VBR. When enabled, the compressor will use a bit rate that will fit the actual passage. If it is a complex part, having much more variation in the sound, it will use a high bit rate. If there is less variation in sound, it will use a lower bit rate. Usually, the average bit rate will not be as high as a same-quality MP3 with CBR (Constant Bit Rate). However, there is shortcoming that it's hard to keep track of the actual position that may not be favorable when studying language.

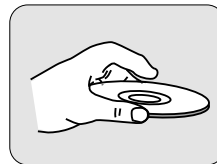
Should any problem continue after you have checked these symptoms, please contact iRiver sales representatives.

<p>Player will not power on</p>	<ul style="list-style-type: none"> ■ Check whether the batteries have been inserted in proper polarity (+ and -). ■ Check whether the HOLD switch on remote is ON (Switch to OFF position) ■ Check whether the player door is opened. ■ Check whether the rechargeable batteries are not charged or the batteries ran out.
<p>Loading stopped or 'No DISC' displayed on LCD</p>	<ul style="list-style-type: none"> ■ Check whether the CD is dirty or defective (clean it or change to new CD). ■ Check whether the CD is inserted properly. ■ Check to be sure the optical lens is clean. (Gently wipe with soft cloth.) ■ Check whether moisture condensation has occurred (leave the CD player aside for several hours until the moisture evaporates). ■ Make sure there is a CD in the player. ■ Problems can be caused by the CD creation process on your PC. Re-record the disk at a slower speed. ■ Use Full Format when creating packet a written disk.
<p>No Sound or noise is heard</p>	<ul style="list-style-type: none"> ■ Check whether VOLUME is set to "0". ■ Connect the earphone/remote plug firmly. ■ Check whether the plug is dirty (clean the plug with a dry and soft cloth). ■ Corrupted MP3, WMA file may have distortion or not play. Try playing another music file. ■ Excessive jolting may affect MP3, WMA, and audio CD disks during playback.

Should any problem continue after you have checked these symptoms, please contact iRiver sales representatives.

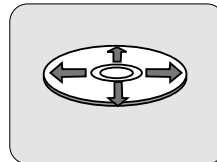
<p>AC adapter does not work.</p>	<ul style="list-style-type: none"> ■ Be sure your adapter is designed to work in the country where it's being used. ■ Check whether the plug is connected to the proper jack on the player.
<p>Remote control does not work.</p>	<ul style="list-style-type: none"> ■ Check whether the HOLD switch is ON. (Switch to OFF position.) ■ Connect the earphones/remote plug firmly.
<p>Battery Life is short</p>	<ul style="list-style-type: none"> ■ Ensure the rechargeable batteries are fully charged. ■ Avoid the excessive operation of remote control.
<p>Characters in LCD are corrupted.</p>	<ul style="list-style-type: none"> ■ Check out Menu → General → Language and confirm whether the right language has been selected. (Refer to page 23.)
<p>Poor FM Reception</p>	<ul style="list-style-type: none"> ■ Adjust the position of the player and remote control. ■ Electronic equipment can cause interference with the FM reception. Turn off any nearby electronics or move the player away from the source.
<p>charging and discharging does not work.</p>	<ul style="list-style-type: none"> ■ Check whether the adapter plug is properly connected. ■ Check whether the batteries inserted are rechargeable. ■ Fully charged batteries will not accept additional charging. ■ Check whether 2 rechargeable batteries are inserted. The batteries is charged and discharged when 2 batteries are inserted.

On Handling Disc



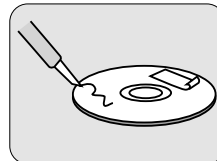
■ **On handling Disc**

Avoid touching the surface (bright side) where data is stored.

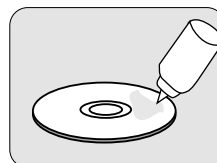


■ **Disc Cleaning**

Avoid cleaning the disc surface. If necessary, clean the disc surface with a soft cloth following the directions described.



■ **Do not stick papers or tape labels onto the surface (bright side).**



■ **Avoid using chemicals to clean the surface.**

On Safety

- Should any solid objects or liquid fall into the player, unplug it and have it checked by qualified personnel before operating it any further.
- Do not put objects in the DC IN 4.5V jack (External Power output).
- Use only the adapter provided with the player.

On Player

- 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, unlevelled surface, or in a car with its windows closed.
- Keep the lens on the player clean and do not touch it. If you do so, the lens may be damaged and the player will not operate properly.
- Do not put any heavy objects on top of the CD player. The CD player and the CD may be damaged.
- Do not wrap the player with cloth or blanket as it may cause the player to malfunction. Use only the included carrying case.

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 many areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

● Preventing hearing damage

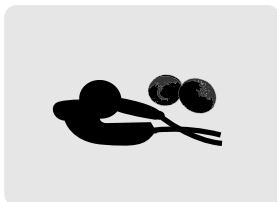
Avoid using headphones/earphones at high volume. Hearing experts advise against listening to continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

● Consideration for others

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

- During playback, dirty or scratched CD's may cause audio distortion or skipping.
- Tracks with damaged or corrupted parts are skipped or forwarded to next track.
- Supported file types will have the extension MP3, WMA and ASF.
- Folders and files are sorted in alphabetical order. Use Navigation mode to select the tracks wanted.
- Total 255 folders and 999 tracks (Including 20 playlist) within a disc can be recognized.
- Track information displayed is either filename or ID3 TAG information.
- CD-TEXT discs are displayed with track names within the TOC (Table of Contents) of the disc.
- Battery level indicator may vary depending on battery type.

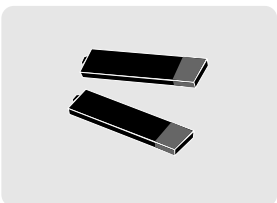
1 Earphone and Earphone Covers



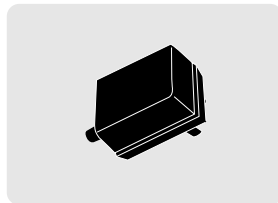
2 User Manual/Warranty Card



3 Rechargeable Batteries (Stick Type x 2)



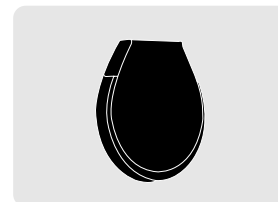
4 AC Adapter (4.5V)



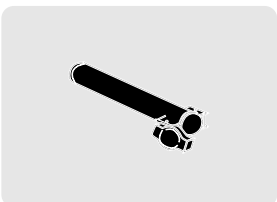
5 Remote Control



6 Carrying Case



7 External Battery Pack



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

Category	Item	Specifications
Audio (CD)	Frequency/Range	20Hz~20KHz
	Headphone output	12mW(L) +12mW(R) at 16 Ω
		8mW(L) + 8mW(R) at 32 Ω Max. Volume
	Line output level	0.76V rms(47KΩ) Max. Volume
	S/N ratio	90dB(CD-DA), 90dB(MP3 CD)
	Frequency Characteristics	±2dB(Line Out)
No. of Channels	STEREO(L+R)	
Audio (FM TUNER)	FM Frequency range	87.5MHz~108MHz
	Headphone Output	12mW(L) +12mW(R) at 16 Ω
		8mW(L) + 8mW(R) at 32 Ω Max. Volume
	Line output level	0.76V rms(47KΩ) Max. Volume
	S/N ratio	50dB
Antenna	Headphone/Earphone-Cord Antenna	
CD Support	CD Type	CD-DA, CD-Text(8cm / 12cm) CD-ROM Mode 1, Mode 2 Form1 Enhanced CD, Mixed CD
	CD-R/RW Readability	Packet Write, ISO9660, Joliet, Romeo, Multi-Session
File Support	File TYPE	MPEG 1/2/2.5 Layer 3, WMA ,ASF
	Bit Rate	8Kbps ~ 320 Kbps
	Tag	ID3 V1 , ID3 V2 2.0, ID3 V2 3.0
Power Supply	AC Adapter	DC 4.5V , 600mA
General	Dimension	Approx. 130.5(W) x 140(D) x 16.7(H)mm
	Weight	Approx. 193g (without Battery)
	Operational Temperature	0℃ ~ 40℃
Maximum Playback Time	MP3/WMA/ASF	55 Hrs
	Audio CD	22 Hrs

● Federal Communications Commission (FCC)

The device manufactured and found to comply with limits for a Class B computing device according to the specifications in FCC rules Part 15. Operation is subject to the following two conditions;

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.
3. If your device needs repairs, you must arrange for the manufacturer to make them if you are to keep the device's FCC registration valid.

This equipment, like other electronic equipment, generates and uses radio frequency energy. If not installed and used according to the instructions in this manual, this equipment may cause interference with your radio and television reception.

If you think this equipment is causing interference with your radio or television reception, try turning the equipment off and on. If the interference problems stop when the equipment is switched off, then the equipment is probably causing the interference. You may be able to correct the problem by doing one or more of the following:

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

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

● For the customers in Europe



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

**CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LASER CLASE 1**

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
CAUTION-INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED, AVOID EXPOSURE TO BEAM.

WARNING

- To prevent fire or shock hazard, do not expose the unit to rain or moisture.
- To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.
- Certain countries may regulate disposal of the battery used to power this product. Please consult with your local authority.
- Listening for many hours at maximum volume may damage your hearing.

A large, empty rectangular box with a thin black border, intended for writing a memo on page 56.A large, empty rectangular box with a thin black border, intended for writing a memo on page 57.

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