

User Manual

iRiver ChromeX™

MULTI-CODEC CD PLAYER

Firmware Upgradable

iMP-150

MP3
DIGITAL AUDIO

Plays
Windows
Media

COMPACT
disc
DIGITAL AUDIO



Thank you for purchasing an iRiver Product.
Please read carefully before using the player.

iRiver Limited

<http://www.iRiver.com>

Introducing the iRiver websites

- URL : <http://www.iRiver.com>
- Provides information on our products as well as our company.
- Unique "Firmware (System software) Upgrade" feature provides premium disc readability and various optional add-on features. The firmware is continually upgraded to support new CODECs that will be introduced in the future.
- Provides 'FAQ' as well as "Beginner's Guide."
- Provides customer registration that enables user to get online customer service. You can receive the newest information, firmware upgrade notice, etc. via newsletters by registering your e-mail address.

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Unique features of iMP-150

- **Multi-Codec CD Player**

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

- **Firmware Upgrade**

: Provides the latest updated features via firmware upgrade.

New formats such as AAC, MP3 Pro and so on can be supported in the future with a simple upgrade method. Player features such as add on, modification, and continuous improvement of disc recognition are always provided.

- **Recognize Discs in Packet Write Format**

: Provides convenient and efficient usage of CD-RW disc (like a hard disc drive).

- **Graphic LCD supporting Multiple Languages**

: iMP-150 comes with graphic LCD which can support multiple languages, including: English, French, Spanish, German, Italian, other alphabet-oriented fonts, Korean, Japanese (Katakana, Hiragana, Kanji) and others. A total of 35 languages are supported.

- **Strong Anti-Shock protection**

: 40 Sec for conventional Audio CD/120Sec for MP3 (44.1KHz, 128kbps standard)/240 Sec for WMA(44.1KHz, 64kbps)

- **Enhanced Anti-shock mode**

: By applying iRiver's own special algorithm, the iMP-150 provides better performance against shock. At the same time, iRiver maximized the anti-shock function at the beginning of songs by adopting pre-buffering.

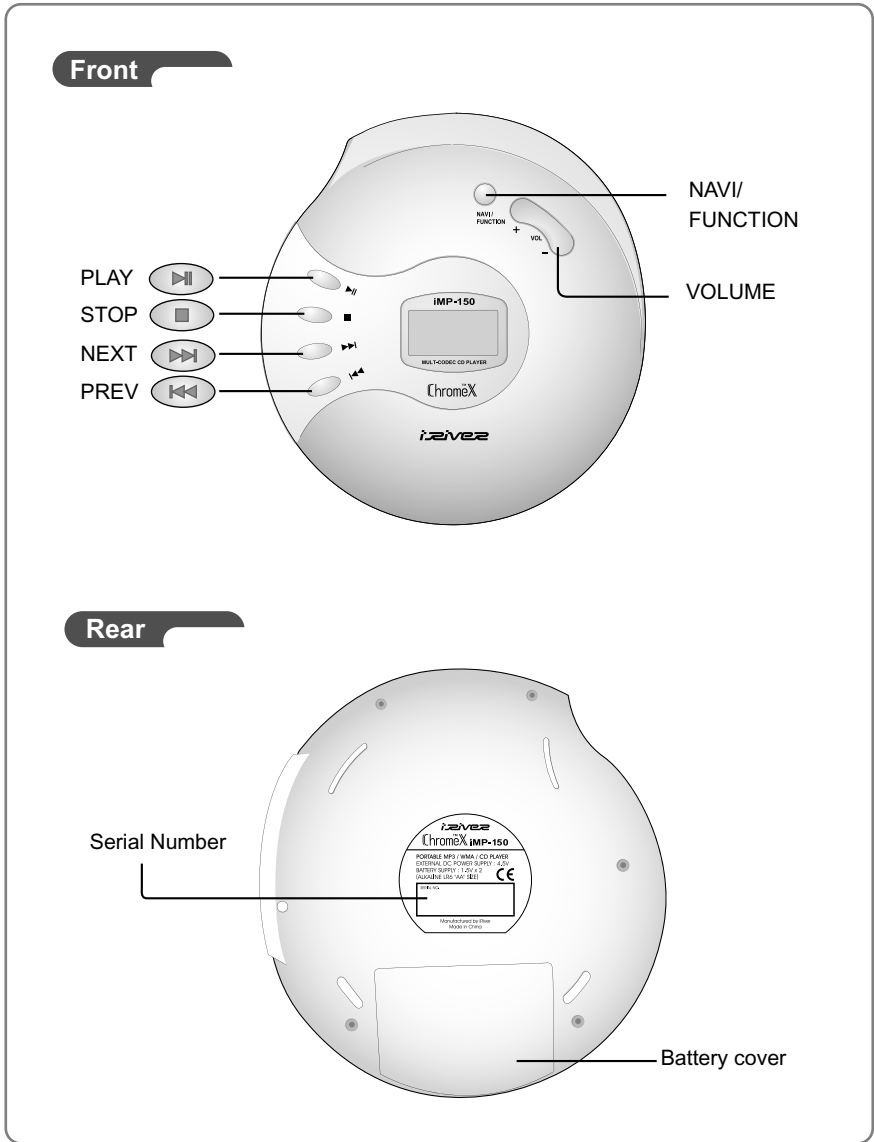
- **Longer playing hours**

: With MP3(128kbps) files, the iMP150 can play for 16 hours.

- **WinAmp Playlist playback support**


: iMP-150 can support Winamp Playlist as long as it has the filename extension .m3u (maximum 20 lists)

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Locating the controls ChromeX™

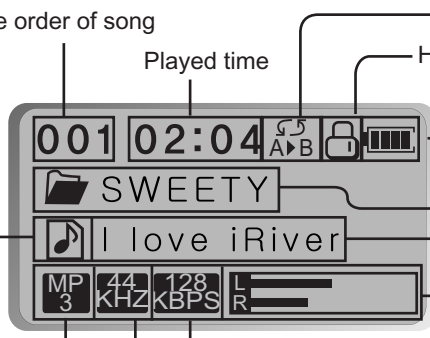
Side



- MODE
- PRGM
- +10/EQ
- DC IN 4.5V
- LINE OUT
- REMOTE CONTROLLER / EARPHONE
- HOLD

OPEN

LCD Window



The order of song: 001

Played time: 02:04

Play mode: A/B

Hold: Lock icon

Battery indicator: Battery level icon

Folder name(ALBUM): SWEETY

Artist and song title: I love iRiver

Volume/EQ/Level Meter: Meter icon

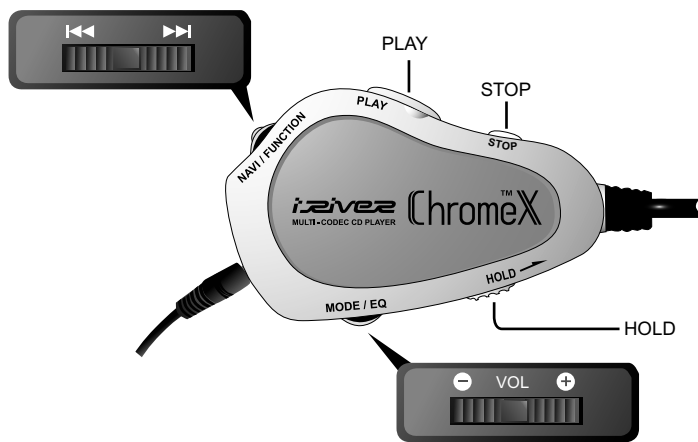
Media type: MP3

Bit Rate: 44

Sample Rate: 128

Program/Play list: R

Remote Control



Quick
FAQ

Q I can only hear from one side of the earphones.

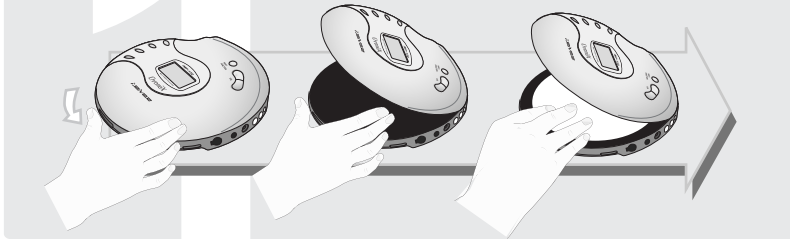
A: Four possible causes are below:

- 1) The problem is with the earphones - Try the earphones on another player or other equipment and check whether you can hear sound from both sides of the earphones.
 - 2) The problem is with the connection of remote control - Connect the earphone to the player directly and check whether you can hear clearly from the earphones.
 - 3) The problem is with the player - Try No. 2 above.
 - 4) The wrong setting of Sound Balance - Set the sound balance to the center.
- In the case of number 1), replace the earphones.
In the case of numbers 2) and 3), please ask iRiver Sales Representative for repair or replacement of the player or the remote control.

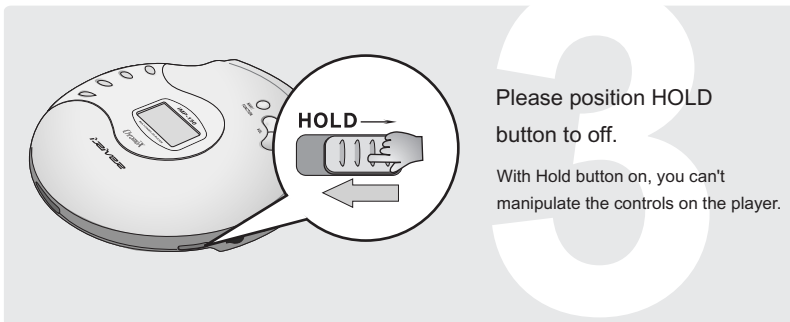
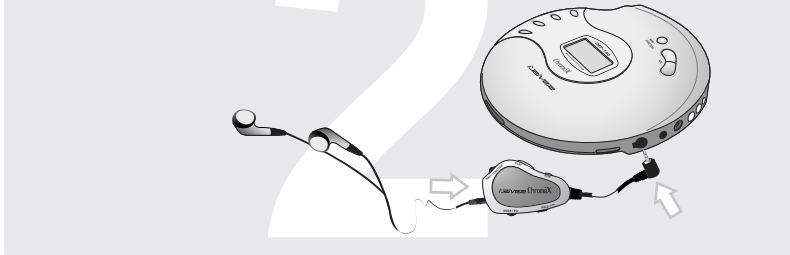
Playing Disc Media

ChromeX™

- As in the figure below, push the open button on the rear side of the player and insert the disc..



- Please connect the remote control and earphones.



Please position HOLD button to off.

With Hold button on, you can't manipulate the controls on the player.

Legend:

- ▶ PLAY
- STOP
- ▶▶ NEXT
- ◀◀ PREV

Touch Controls:

- **PLAY** (▶) Click
- **STOP** (■) Click
- **Play NEXT Track** (▶▶) Click
- **Play PREVIOUS Track** (◀◀) Click
- **Play NEXT Folder** (▶▶) Click + Long Click
- **Play PREVIOUS Folder** (◀◀) Click + Long Click
- **GO Forward Quickly** (▶▶) Long Click
- **Go Backward Quickly** (◀◀) Long Click
- **Power Off** (⏻) Long Click

Tip

File Format displayed as below .

AS F ◀ ASF	WM A ◀ WMA
CD ◀ Audio CD	MP 3 ◀ MP3

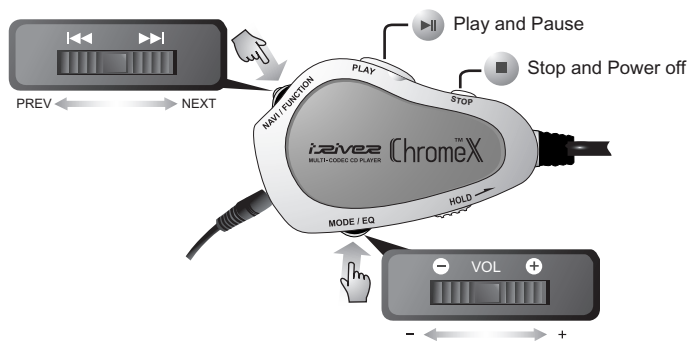
→

2

Operating Remote Control

ChromeX™

The Remote Control operates every function using 2 buttons and 2 jog levers. Additionally, each jog lever can function like 3 buttons, for a total of 8 buttons, making it easy to use. The basic operation is below:



● Play and Pause/STOP and Power Off

- Play and Pause
- Stop and Power off

● Two jog levers are working differently when you slide the handle to right or left and click the jog lever.

● Play PREVIOUS and NEXT song



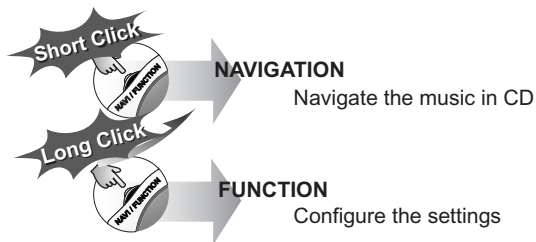
PREVIOUS Track ← → NEXT Track

- To play the PREVIOUS track, please slide the jog lever to the left side
- To play the NEXT track, please slide the jog lever to the right side
- To play the PREVIOUS folder, slide the jog lever to the left with a short slide and a long slide right after.
- To play the NEXT folder, slide the jog lever to the right with a short slide and a long slide right after.

Operating Remote Control ChromeX™

● NAVI/FUNCTION

Click NAVI/FUNCTION to operate.

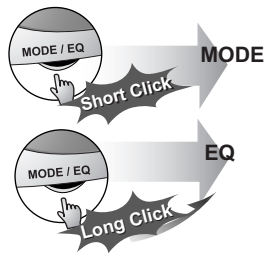


● Volume Control



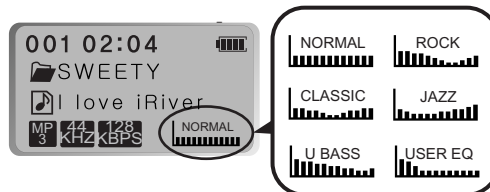
Slide the jog lever to right/left side to adjust the volume.

● MODE / EQ



While playing, a short click of the mode button will change the playing mode that you set on the function.

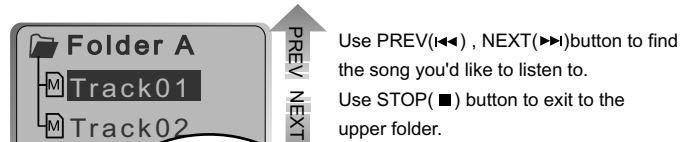
EQ shows the present sound tone. When you press the mode/EQ button, the sound tone changes as below:



※On the player, +10 and EQ uses the same button

● Navigation is the function that allows you to navigate through the files in the CD.

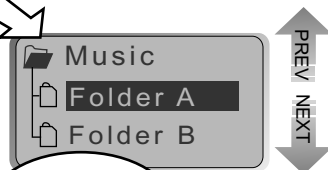
- 1) Pressing NAVI/FUNCTION button shows you the list of songs and current song playing.



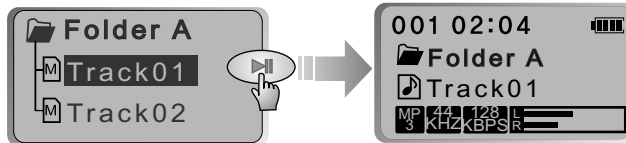
To move to the Upper folder.

- 2) Selecting folder and move to upper folder

The next figure shows the status when you move to upper folder. To move the cursor, use the PREV, NEXT button and to enter the Chosen Folder, use the Play(▶▶) button.



- 3) Playing



The song will be played when you press the play button.



Mode (Playing mode/ Enhanced Anti-shock function) ChromeX™

The various functions provided, when you press the MODE button, are described below. For the user's setting, please refer to Page 25.



◁ Whenever you press the MODE button, it will show you the changed icon.

● REPEAT

	Play a single track repeatedly.
	Play whole tracks in the directory and stop.
	Play whole tracks in the directory repeatedly.
	Play whole tracks in the disc repeatedly.

● SHUFFLE

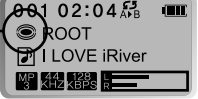
SFL	Randomly play whole tracks in the disc repeatedly and stop.
SFL 1	Play a single track repeatedly.
SFL D	Randomly play whole tracks in the directory repeatedly and stop.
SFL DA	Randomly play whole tracks in the directory repeatedly.
SFL A	Randomly pay whole tracks in the disc repeatedly.

● INTRO

	Intro: Plays beginning 10 seconds of each track in sequential order. Intro Highlight: Plays 10 seconds from the spot 1minute was played for each track in sequential order. (For example, song A plays 10 seconds from 1 minute into the song, so the highlight ends at 1minute 10 seconds. Then song B plays 10 seconds from 1 minute into the song, so the highlight ends at 1minute 10 seconds, and so forth with each track.)
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● Enhanced Anti-shock mode

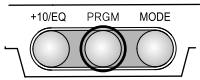
While the Anti-shock mode is ON, the player has stronger resistance against external shock and prevents sound skipping caused by sudden movement. However, it may show the lower readability of disc having inferior recording status. In this case, we recommend releasing the Anti Shock mode.



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



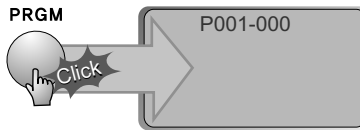
PROGRAM MODE ChromeX™



- Use PROGRAM Mode to select songs in a particular order (i.e. program your favorite songs).
- Selection of Program/Playlist
 - ▷ When a disc has a Winamp playlist *.m3u, the playlist is supported (Refer to page 28).

● How to program:

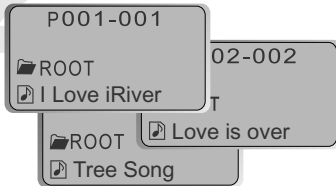
1 ● At stop mode, click PRGM button and it will go to the Program mode.



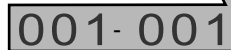
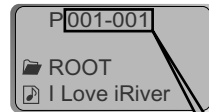
- ▷ Program function only works from stop mode.
- ▷ While playing, PRGM button works as interval repeat (Repeat A↔B)

2 ● Use , button or +10 button (you can use NAVI/FUNCTION) to select the song you'd like to program and

e.g ▾



PRGM button.



▷ To reserve all the songs in a certain folder, use NAVI/FUNCTION button and select the folder. (It can not support the folder within a folder)


The order of programmed track

▷ To remove a programmed song, select the song to be deleted and press the Mode button. The program list will be updated automatically.

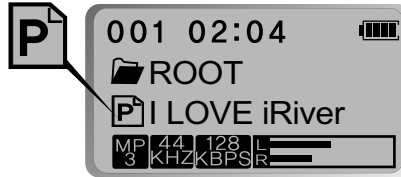
The order of track in the CD

Program Mode ChromeX™

Program Play

After programming songs, press the  button and it will play the songs as you programmed.

▷ The P icon represents the status of program.



Cancel Program

While playing  Click Click Double click stop button

At stop mode  Click Click stop button

Interval Repeat

While playing, you can use interval repeat for listening to your favorite interval.



PRGM



While playing, one click of PRGM button selects the beginning point (A point)



PRGM



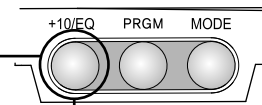
While playing, another click of PRGM button selects the end point (B point)

△ It will repeat the interval A-B section.

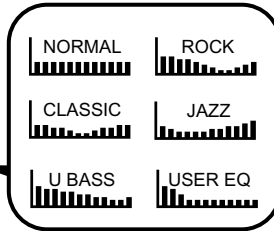
Tip

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

- +10 function
- Clicking the +10/EQ button will skip to the next 10th song from the song you are currently at.



- EQ function



Long Click of +10/EQ button shows you the present EQ and it will change whenever you press the button.

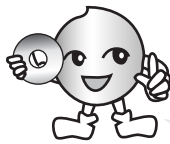
FAQ

Q Player has only +10 button, not -10 button.

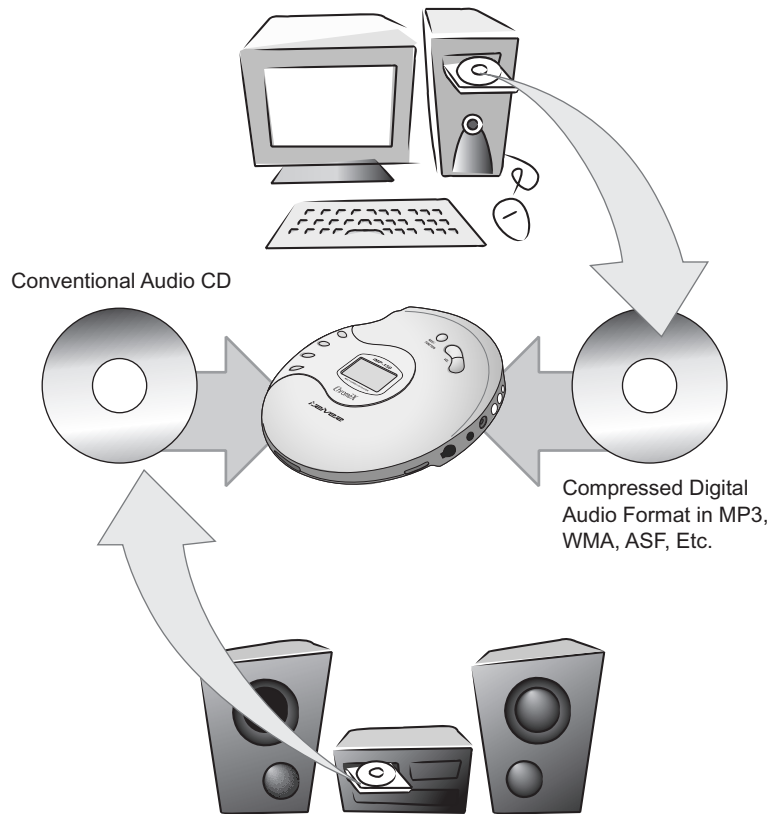
A To move -10 songs, you need to set the control in Function. Move to the control and select fast skip. When you set FF/RW skip to 10, you can go back -10 songs by pressing ►► button once short and the other long.

Q Can't the user set the equalizer?

A The user can set his own equalizer. For details, please refer to the User EQ of manual functions.(page.26)



iRiver Clam™ The iRiver Clam, due to the formats it supports, is the most advanced Multi-Codec CD player that can play MP3, WMA and ASF as well as conventional AudioCD.



By using function controls, you can set your own preferred way of playing songs.

The Main Menu

GENERAL

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

DISPLAY

- back light
- lcd contrast
- visualization
- scroll type
- tag information
- time

TIMER

- sleep
- pwr off

CONTROL

- fast skip
- scan speed
- remote mode key
- auto pause
- cd esp
- mp3 buffer
- adapter volume
- sound balance

MODE

- repeat
- shuffle
- intro
- study
- name

User EQ

- bass boost
- bass corner freq
- treble boost
- treble corner freq

※ Menu can be varied depending on the firmware version.

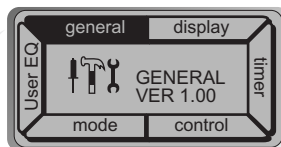
How to use MENU

- Pressing NAVI/FUNCTION button will show you the figures. It is composed of 6 main menus with sub menus.

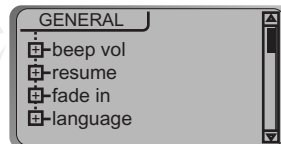


When you select the sub menu window, you can set the user's preference to be displayed.

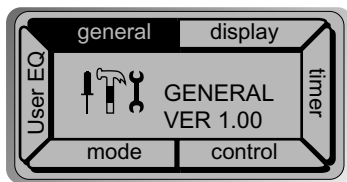
▽ Main Menu



▽ Sub Menu



- Move between menus
PREV ← → NEXT

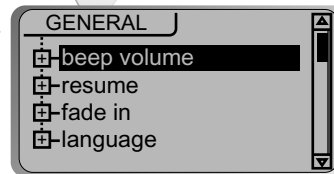


◀ (▶▶), (◀◀) button will move to the Previous and Next menu

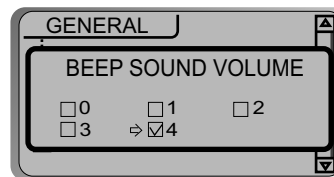


- To enter menu
Navigate using (▶▶), (◀◀) buttons and press the play button.
A sub menu will be displayed like the one at right.

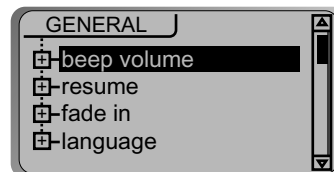
PREV ↑
NEXT ↓



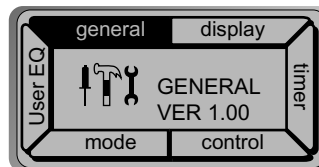
- How to set user's preference
Use ▶▶, ◀◀ button to select.



- Exit from the sub menu
Press (■) button to exit from sub menu.
Pressing the (■) button again will move you to the main menu.



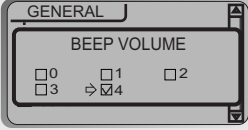
- As shown in the figure at right, pressing the (■) button will completely exit from the main menu.



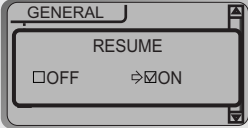


● GENERAL

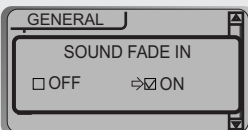
● BEEP VOL
: Configure beep sound (ON/OFF) with volume level.




● RESUME
: When activated, player resumes playing at the same spot played last after Power OFF.



● SOUND FADE IN
: When activated, volume steadily increases when you begin playing. It can prevent sudden loudness when you play the song after stopping.

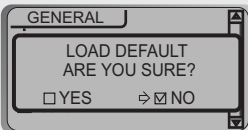


● LANGUGE(Total of 35 languages are supported)
: Song title and ID3 tag information from the CD is dependent on the PC operation system that it is made into.
(For example, when the CD is burnt from Japanese Windows, the language setting should be Japanese)



● 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

OFF : Backlight is always off.

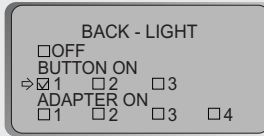
BUTTON ON works as below :

1 : about 3~10 seconds 2 : 10 seconds 3 : 20 seconds

ADAPTER ON :

1 : about 3~10 seconds 2 : 10 seconds 3 : 20 seconds

4 : Always



While playing, long pressing the play(▶) button will turn on the Backlight as you have it set.

● LCD CONTRAST

: Adjust LCD contrast of remote control.

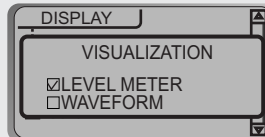
Using ◀◀ , ▶▶ buttons can adjust LCD contrast.



● VISUALIZATION

: Visualizes audio signal at play mode.

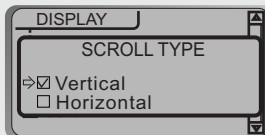
You can choose between Level Meter and WaveForm.



● SCROLL TYPE

Vertical : Scroll direction goes from top to bottom

Horizontal : Scroll goes from left to right.



FUNCTION(TIMER and CONTROL) ChromeX™

● TAG INFORMATION

: When ON, tag information is displayed and when OFF, only the file name is displayed

Setting the tag information to OFF while playing may show the track is playing and the NEXT track with tag information.



● TIME

: Normal displays elapsed time.
Remain displays remaining time.

With VBR file, the time may not be accurate.



● TIMER (Auto Power Off time setting)

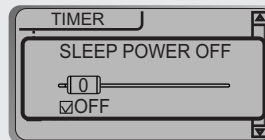
● SLEEP POWER OFF

: The power goes off automatically after fixed time.

Time range can be set from 0~99 by minutes.

⏪ and ⏩ button can be used for time setting.

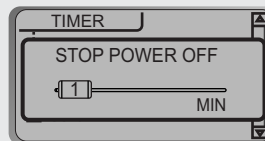
When the power goes off, it goes back to Zero setting.



● STOP POWER OFF

: The automatic power off can be made when the player is in STOP mode. Time range can be made from 1~60 minutes.

⏪ and ⏩ button can be used for time setting.



● CONTROL (Setting Button Operation)

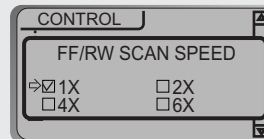
● FF/RW SKIP function

Off : The skip does not activate.
 10: Plays the previous 10th or the next 10th song.
 Directory: Jump to the Previous/Next directory.



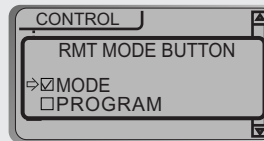
● SPEED (FF/RW SCAN SPEED)

: The fast scan speed can range from 1x/2x/4x/6x.
 It is useful when studying a language.



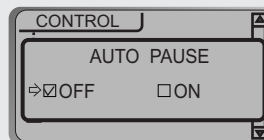
● REMOTE MODE KEY

: The mode button on remote can be used for MODE or PROGRAM.



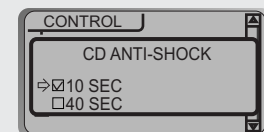
● AUTO PAUSE

: When Auto Pause is ON, you will need to press Play after the disc loads. Auto Pause also pauses the disc after each song and you will need to press Play to resume playing.



● CD ANTI-SHOCK

: This is the function to prevent the cutting sound with the Conventional Audio CD by preserving the song is playing. To enjoy the original sound, 10 SEC will be favorable and to prevent the cutting sound where the shock is expected, 40 SEC will be favorable. However, with the 40 SEC CD ANTI-SHOCK, the sound may not good enough comparing to the 10 SEC CD ANTI-SHOCK due to the compression of AUDIO. With MP3 File, it always works as 120 SEC.



FUNCTION(MODE)

ChromeX™

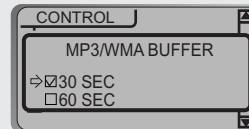
● MP3 BUFFER

Only applies to MP3/WMA/ASF files.

30 SEC: Anti-shock protection lasting between 30~120 seconds.

60 SEC: Anti-shock protection lasting between 60~120 seconds.

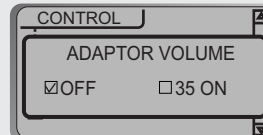
Note : 60 SEC BUFFER provides more shock protection than 30 SEC BUFFER; however, the battery is depleted faster.



● ADAPTER VOLUME

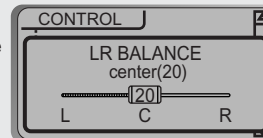
ON: When the Adaptor is connected, the volume always remains at level 35.

OFF: No use of Adaptor volume.



● SOUND BALANCE

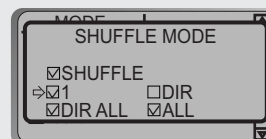
When the lever on the Sound Balance bar is moved to L (Left, 0), the sound output will be in the left earphone. When the lever on the Sound Balance bar is moved to R (Right, 40) the sound output will be in the right earphone. The default value is 20 and the sound output will be in the center.



● MODE(PLAY MODE FUNCTION CONTROLS)

● REPEAT MODE / SHUFFLE MODE

: The setting value changes when you press the MODE button.



▷ Only the selected play mode will be applied when you press the MODE button.
(For details, please refer to Page. 12)

- **INTRO MODE**

INTRO MODE plays the first 10 seconds of each track.

INTRO HIGHLIGHT plays the first 10 seconds from the spot 1 minute was played for each track in sequential order. For example, song A plays 10 seconds from 1 minute into the song, so the highlight ends at 1minute 10 seconds. Then song B plays 10 seconds from 1 minute into the song, so the highlight ends at 1minute 10 seconds, and so forth with each track.

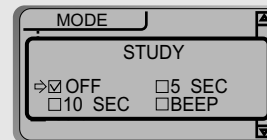


- **STUDY MODE (LANGUAGE STUDY) :**

5 SEC / 10 SEC: When you press STOP, it goes back 5 or 10 seconds.

It will work as INTERVAL REPEAT when you press the MODE button on the remote.

BEEP: When BEEP is ON, it lets you know the button operation with beep sound.



Firmware Upgrade

Upgrade your firmware at the iRiver and iRiver America/iRiver HongKong websites

- **What is FIRMWARE?**

: It is the operating system used to work the iMP-150.

iRiver provides you with the latest and best features through Firmware Upgrade.

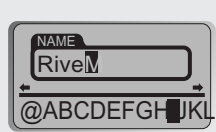
Visit www.iriver.com.hk to upgrade your Firmware.

How to UPGRADE?


1. Download the latest firmware file.
2. Execute the file after extraction.
3. Make upgrade disc containing the IMP-150.hex file.
4. Connect the adaptor to the iMP-150.
5. Insert the CD into the iMP-150 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.


● NAME


: You can input your name or text (maximum 12 bytes).





Select the character by using **PREV** and **NEXT** button and press **NAVI / FUNCTION** button to input the character.

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

 To delete the character, use MODE button.

STOP  To shift between English and your preferred language, use STOP button.



PLAY  To save the text and exit, use PLAY button

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



RiveMen:-)

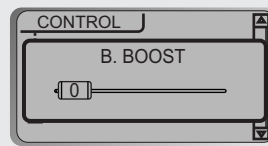
001 02:04 

Total 035
RiveMen:-)

● USER EQ MODE SETTING

● B.BOOST(BASS BOOST)

: Bass Boost lever is from 0 to 12dB.



● B.C.FREQ(BASS CORNER FREQUENCY)

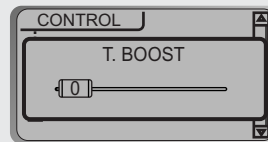
: Bass Boost frequencies are 50Hz, 100Hz and 200Hz.

Bass boost function is effective under the frequency range configured (maximized at 200Hz).



● T.BOOST(TREBLE BOOST)

: Treble boost level is from 0 to 12dB.



● T.C.FREQ(TREBLE CORNER FREQUENCY)

: Treble boost frequencies are 2 KHz, 4 KHz and 7 KHz.

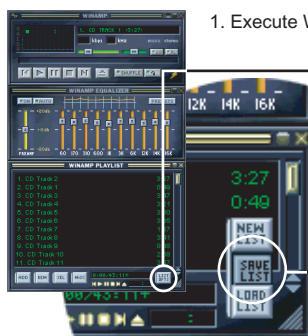
Treble boost function is effective over the frequency range configured (maximized at 2 KHz).



● How to use WINAMP PLAYLIST


1) Make a PLAYLIST (*.M3U) using WINAMP

1. Execute WINAMP and add songs to make list.



2. Press "LIST OPTS" located on the right bottom and press "SAVE LIST"

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

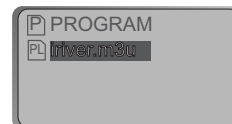



2) Make disc with playlists and related tracks.

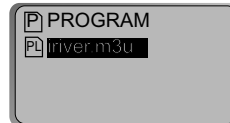
3) Load disc into iMP-150.

4) Press PROGRAM button at stop mode and LCD window is displayed as in the figure at right. You can find the playlist you want by using the

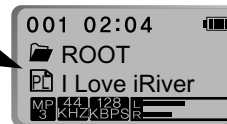
◀◀ , ▶▶ button.
PREV NEXT



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



PL icon indicates PLAY LIST . ▶



- 6) A total of 20 play lists can be recognized.

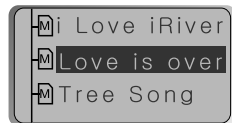


● RESERVATION FUNCTION

Press NAVI/FUNCTION button during play to select the next song to be played, then press PROG button to reserve that song.

EG. ▼

Press NAVI/FUNCTION  button during play,



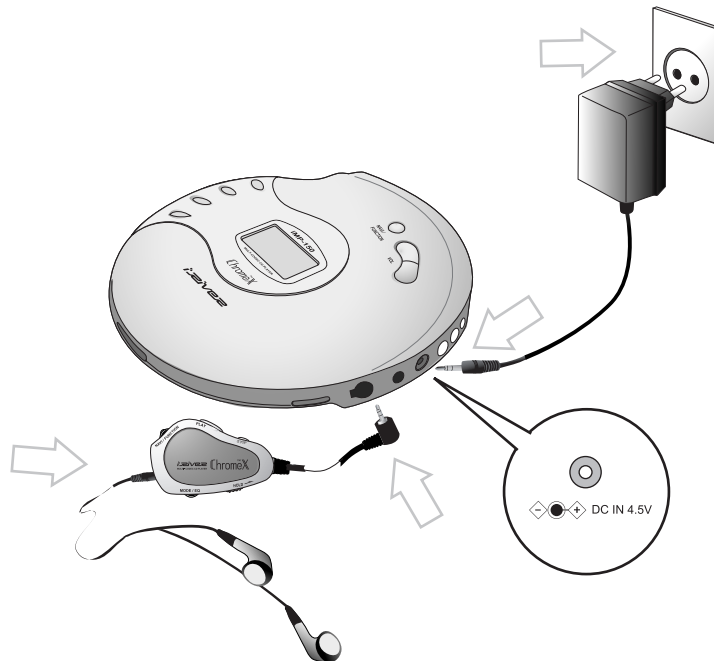
To move, use  and  button and to select, use  PRGM



ABOUT POWER SUPPLY (ADAPTOR) ChromeX™

● Using AC POWER ADAPTOR

- Use only the AC Power Adaptor supplied with the player.
- Connect the Adaptor to 4.5V DC jack in the player and AC outlet.

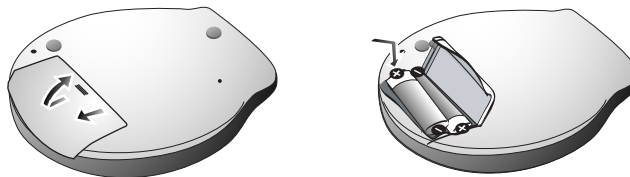


▷ Disconnect Adaptor when not in use

ABOUT POWER SUPPLY (BATTERY) ChromeX™

● Using general batteries:

- Open the battery cover on the back of the player.
- Insert batteries matching + and - and close the battery cover.



- ▷ Manganese batteries are not recommended as they run out quickly. For the best playing duration, Alkaline batteries are recommended.

CAUTION!

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

○ PLAYER
.....

Q The Backlight is not working.
A Check whether the Backlight on LCD is set to OFF.

Q How long does Anti-Shock last?
A With MP3 files, Anti-Shock lasts 120 seconds. With Audio CD, it is 40 seconds.

Q What is the Line Out terminal?
A Line Out is used for speaker or car kit output. The sound output from Line Out is not amplified.

Q When I change the volume, the Line Out volume changes.
A To support the 5 EQ modes, we adopt DAC (Digital to Analog Converter) mode which makes the Line-Out Level change depending on the volume.

Q Does using a backup CD reduce the lifetime of the Lens?
A There is no connection between a blank CD and the lifetime of the lens.



○ RECORDING

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

A With burnt CD using several CD-RW drive with high speed, there is. The others have no problem with reading CD. In general, it is recommended to record the CD with 1~2 step lower than the highest burning speed.

Q How do I download MP3 files?

A You need to save MP3 files onto a CD-R or CD-RW disc then play that disc in the iMP-150 player.

In general, there are two kinds of blank CDs.

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

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

There are several ways to burn a CD. A CD is burned into session unit (the data is stored from the inner side of the CD).

Single session: Close session after burning once.

Multi session: Do not close session after burning that allows you to add another song.

The burning way to delete and record data in CD as you do with hard disc is called packet writing. Single session and Multi session is allowed with CD-R and packet writing is only possible with CD-RW. iRiver player can recognize CD-RW using packet writing.

Q What is needed to burn MP3 files?

A You need a recorder, recording program, and blank CD. For details, refer to the Beginner's guide at iRiver's homepage.



Q How do I make a CD from a Language Study tape?

A To convert the tape's information into CD requires many items, including: Sound Edit program (Goldwave, Cooledit), stereo cable to connect each side, and a player to play the Tape.

Connect Stereo cable to earphone output on the player and Line in socket of Computer Sound Card or Mic socket; then record the sound using the Sound Edit Program.

For details, refer to the Beginner's Guide at website.

Q I recorded a CD but it contains less than 20 songs.

A When you burn a CD with MP3 file, you need to confirm that it is recorded in DATA format. If the recorded CD has less than 20 songs, it means the CD was burned in Audio CD format.

Q Does the sound quality vary depending on the recording speed or recording format?

A The sound quality does not vary depending on the recording speed or recording format. However, due to the characteristics of Data random storage, the recognition may be slow.

Q Can I burn a CD using an iRiver product?

A iRiver products do not have Recording CD function, iRiver products only play the data on CD.

Thus, you need to purchase a blank disc to make a CD. To know 'how to burn a CD', please refer to the Beginner's Guide

Q The CD recognition is not good and a 'No disc' message is displayed.

A CD recognition depends on several factors:

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

Burning Speed is an important matter, as well as a good CD surface. When you burn a CD at a high speed, the data writing may not be reliable. In that case, it is recommended to burn a CD at a lower speed or to use different media.

Q Can I add songs to the CD?

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

PLAYING

Q How do I listen to music from the spot I last listened to?

A The iMP-150 provides a RESUME function. Go to Function, General and enter into RESUME menu. Click ON and it will resume correctly. The iMP-150 can remember the last 10 CDs you played.

Q What is Tag? How does it display?

A Tag is a format that displays MP3 file with Title, Artist, and Album information on the player. The iMP-150 displays Title-Artist with Tag ON. When the Tag information is OFF, the filename(without file extension) will be displayed.

Q How many play lists can be remembered?

A The iMP-150 can remember up to 20 play lists(*.m3u)

Q How many songs can the iMP-150 play?

A The iMP-150 can recognize 999 songs and 255 directories with subdirectory.

Q Can the iMP-150 support ra, wav, mp2 format?

A The playable formats on the iMP-150 are MP3, ASF and WMA files. Supporting formats such as Ogg Vorbis and MP3 Pro are under consideration for the future.

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

A The iMP-150 can display the information that the song contains. With MP3 files, the tag information may not be correct and with Conventional Audio CD, it displays only Audio Track. To see the song title, you need to burn the CD using CD-TEXT function.



FAQ

ChromeX™

Q The sound cuts out when the player skips.

A 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 for the CD to load.

A Using Multi-session or Packet Writing may affect the loading time rather than using Single session because the data is scattered in the CD. To reduce the loading time, it is recommended you burn with Single-session. You may contact Customer Service if it takes longer than 1 minute to burn using Single-session. .

Q What kind of file sorting does the iMP-150 use?

A The sorting format is folder, number and alphabetical order. The file name, not tag information, is the basis for file sorting.

Q It always stops after one song ends.

A Check whether the Auto Pause function is ON. If so, turn Auto Pause OFF.

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

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

Q Can I change the playing order?

A The iMP-150 supports m3u file lists. Also, the Program function allows you to select your preferred songs.

Q I can't hear the ASF file.

A There are two kinds of ASF files, Audio and Video. The iMP-150 supports Audio ASF file only.

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

A There are two groups of audio data, compressed and uncompressed. MP3 is a diminished compression format in the compressed group, meaning it is not possible to create the original audio file 100%, partly due to the fact that there are frequencies missing. Once it is lost, there is no way to recover the lost part.

Q What kind of media can the iMP-150 support?

A Conventional Audio CD (8Cm, 12 Cm), CD-R, CD-RW DATA CD with MP3, ASF and WMA
The iMP-150 also supports Mixed CD (Data Track + Audio Track), CD-Extra (Audio Track + Data Track), Multi-session and packet writing Burnt CD.

Q What is VBR?

A 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 with studying language.



TROUBLE SHOOTING ChromeX™

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

No Power On	<ul style="list-style-type: none"> ● Check whether the batteries have been inserted in proper polarity (+ and -) ● Check whether the HOLD switch on the player or remote is ON (Switch to OFF position) ● Check whether the player lid is opened. ● Check whether the batteries ran out.
Loading stopped or 'No DISC' displayed on LCD	<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 with the label side up. ● Check whether defects are attached in optical lens (remove the dirt with a soft cloth). ● Check whether moisture condensation has occurred (leave the CD player aside for several hours until the moisture evaporates). ● Check whether the CD is inserted. ● Problem may occur due to the characteristic deviation between CD-RW recorder and CD-R/RW disc (burn the disc in low speed). ● Use packet write disc with full formatting done.
No Sound or noise is heard	<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 a noise or sound cut off. ● Continuous and excessive shock may keep MP3, WMA, and audio CD discs from proper playback

— TROUBLE SHOOTING ChromeX™

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

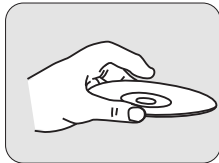
AC adaptor does not work.	<ul style="list-style-type: none"> ● Check that the voltage is correct. ● Check whether the DC plug is connected to the proper jack.
Remote control does not work.	<ul style="list-style-type: none"> ● Check whether HOLD switch is ON (Switch to OFF). ● Connect the earphone/remote plug firmly.
Battery lifetime differs.	<ul style="list-style-type: none"> ● Check whether Manganese batteries are in the player. ● Please use Alkaline batteries for longer battery lifetime.
Characters in LCD are corrupted.	<ul style="list-style-type: none"> ● Check Menu ► Display ► Language and confirm whether the right language has been selected.



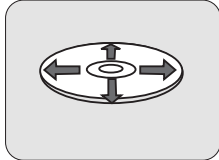
PRECAUTIONS

ChromeX™

● On Handling Disc

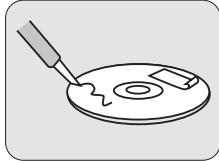


Avoid touching the surface (bright side) where data is stored.

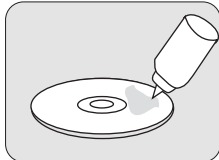


● Disc Cleaning

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



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



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

● On Safety

- Should any solid objects or liquid fall into the CD 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 to ensure proper safety.

● On Player

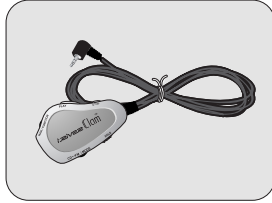
- Do not leave the CD player: near heat sources, in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, unlevelled surface, or in a car with its windows closed.
- Keep the lens on the CD player clean and do not touch it. If you do so, the lens may be damaged and the CD 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 that may cause malfunction.

● On Headphones and Earphones

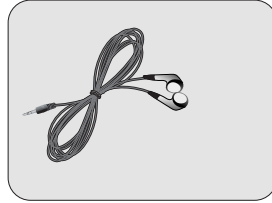
- Road Safety
Do not use headphones/earphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.
- Preventing hearing damage
Avoid using headphones/earphones at high volume. Hearing experts advise against listening to continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.
- Consideration for others
Keep the volume at a moderate level. This will allow you to hear outside sound and to be considerate of the people around you.

- CDs damaged with dirt or a scratch may make a popping noise, sound clipping or cut off while playing.
- A track with damaged or corrupted parts is skipped or forwarded to NEXT track.
- Playback files with extension MP3, WMA, ASF.
- Directories and files are sorted in alphabetical orders. Use Navigation mode to select the tracks wanted.
- Total 255 directories and 999 tracks (Including 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 indicator may vary depending on battery type.
- iRiver does not support MP3, WMA and ASF files with 48 KHz sample rate.

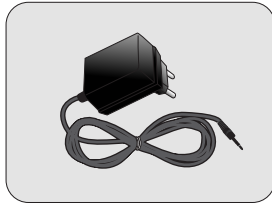
1 Remote control



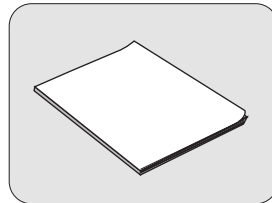
2 Earphone



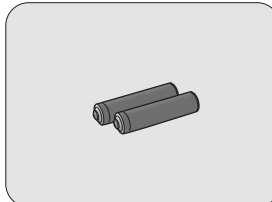
3 AC Adaptor



4 User Manual



5 Battery (Optional)



Specifications

ChromeX™

Category	ITEM	Specifications
Audio (CD)	NO of channels	STEREO(L+R)
	Frequency/Range	20Hz~20kHz
	Headphone output	7mW(L)+7mW(R)at 16 Ω Max. Volume
	Line Out Level	0.57V rms(47k Ω) Max. Volume
	S/N ratio	90 dB(CD-DA),90dB(MP3 CD)
	Frequency Characteristics	± 2dB(Lineout)
CD SUPPORT	CD Type	CD-DA, CD-Text(8cm / 12cm) CD-ROM Mode 1, Mode 2 Form1 Enhanced CD, CD-Plus
	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	Support 8Kbps ~ 320 Kbps
	Sample Rate	8KHz~44.1KHz
	Tag Info	ID3 V1, ID3 V2 2.0, ID3 V2 3.0
POWER SUPPLY	AC adapter	DC 4.5V,300mA
	Battery	1.5 V AA Battery 2 EA
GENERAL	Dimension	Approx. 136(W) x 146(L) x 30.5(H)
	Weight	Approx. 235g(Excluding batteries)
	Operational Temperature	0°C~40°C
Maximum Playing Hour	MP3/WMA	16 Hrs
	Audio CD	7 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 manufacture 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 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 Radio or TV antenna
- Move the device away 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.

iRiver ChromeX™
iMP-150

***iRiver* Limited**
<http://www.iRiver.com>

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