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# **Instruction Manual**

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





Firmware Upgradable

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

http://www.iRiverAmerica.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 UNDESIRED OPERATION.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

## Portable Storage Device

iGP can be used as a storage device (1.5 GB media).

## USB 2.0 is supported

iGP supports USB 2.0 with maximum transfer speed of 480 Mbit/Sec as well as USB 1.1.

# Multi-Codec Player

Supports MP3, WMA, ASF, and OGG formats as a Multi-Codec player. The iGP also supports 44.1 KHz, 32~500Kbps based OGG files.

## Firmware Upgrade

Provides the latest updated features via firmware upgrade.

# Graphic LCD supporting Multiple Languages

iGP-100 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 38 languages are supported.

#### FM Tuner

Auto scanning and station memory functions make it easy for you to enjoy listening to the FM Radio.

# Supports 6 Equalizer Patterns.

Normal, Rock, Jazz, Classic, Ultra Bass, User EQ

- This player supports 3D Surround Sound developed by SRS Lab.
- The player can recognize up to 200 folders and 999 files.
- Graphic User Interface Menu Support

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- Download the latest Software and Firmware Upgrades
- Register your iRiver product online so that our Customer Service is enabled to provide support as efficiently as possible.
- Contents described in this manual may be changed with out notice.

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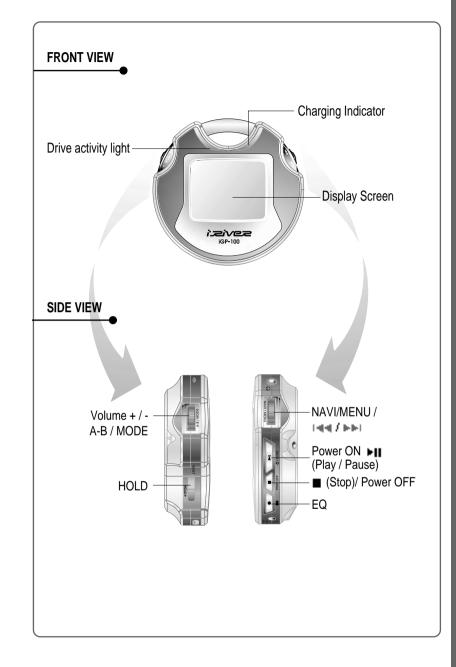
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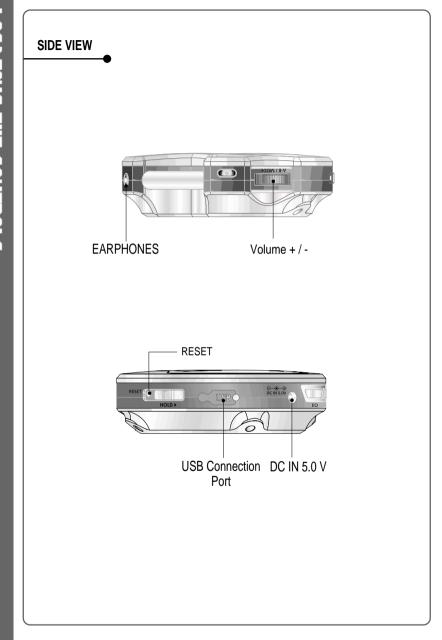
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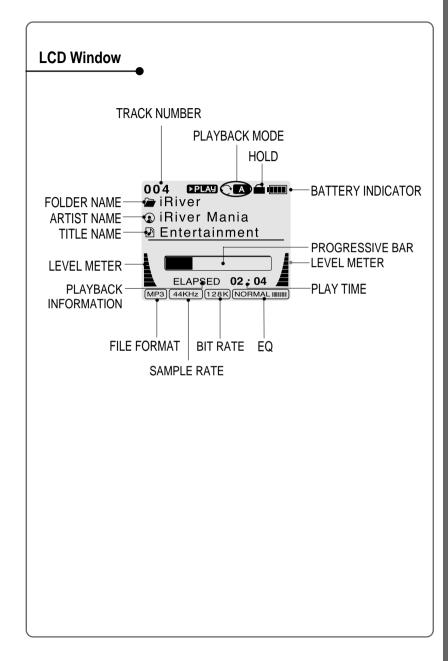
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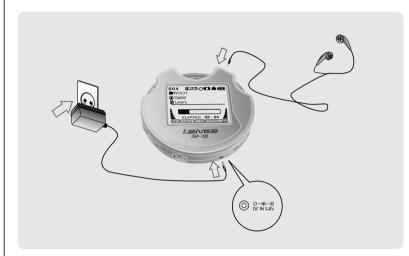
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# **Using AC POWER ADAPTER**

- Use only the AC Power Adapter supplied with the player.
  The AC operating voltage of this player is 100~240V, 50~60Hz.
- Connect the adapter to the 5.0V DC jack on the player and into an AC outlet.



# **Recharging Method**

- The player will charge automatically when the AC adapter is connected to the player.
- When fully charged, charge indicator light turns off.

Charging: Approx. 2 hours (At full discharge)
Discharging (Playback time): Approx. 12 hours (At full charge)

\* Playtime is measured under playback of MP3 128Kbps at full charge.

# TO INSTALL THE DEVICE DRIVER

Windows Me, Windows 2000, and Windows XP will recognize the iGP as a USB drive automatically and you can use the player with out installing the driver. For Windows 98 SE users, the driver must be installed for the computer to recognize the player.

First, insert the installation CD, then connect the iGP to your PC and power on the player. Then follow the instructions below."

Connect the player to your PC, Windows will display the "Add New Hardware Wizard. Click Next.



2 Choose "Search for the best driver for your device (Recommended)." Click Next.



Place a checkmark next to "Specify a location" and click Browse.



4 Choose "iGP-100 → Driver" folder on the installation CD and Click "OK".



Once the path has been located, Click "Next".



6 Click "Next"



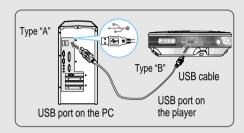
Click "Finish" The installation of the Device Driver is complete.

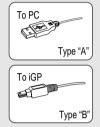


Using AC POWER ADAPTER



Connect the USB cable to the player and the host PC.





Windows XP and Windows 2000 will display a "Device Attached" icon.



# /\ Note

- Windows may ask to install a driver for the iGP. Please follow the provided driver installation guide on the previous page.
- Once installed, open Windows Explorer and an additional drive should be listed called "iGP-100".



# TO USE AS A PORTABLE STORAGE DEVICE

If the player is not connected to the host PC, connect it to the host PC. (Refer to page 10)

The player will show up as a new drive in Windows Explorer.



Click and Drag files from the PC to the iGP player.



To delete files or folders from the iGP, select the files (folders) to be deleted and press "Delete" on the keyboard. Click "Yes" when asked to confirm the delete.





The iGP operates just like an additional hard drive in Windows Explorer. Files can be copied, deleted, etc.



• When the iGP is attached to a computer for an extended period of time, be sure to plug in the AC adapter. Low batteries can prevent the proper functioning of the iGP.

CONNECTING THE

iGP

ď

HHE (

HOST PC

# TO DISCONNECT THE PLAYER FROM THE HOST PC

Click the 'Safely Remove Hardware" icon in the System Tray.



Click "Stop iRiver iGP-100-Driver(X)" or "Safely Remove CORNICE Inc. Storage-Drive(X:)". (Where X is the drive letter assigned to the iGP)



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



Disconnect the USB cable between the iGP and host PC.



# Caution

 Do not disconnect the player while the drive is in use.
 Wait for any file copying to complete before disconnecting the iGP from your computer."

Connect the headphones as shown



Switch the HOLD button to "off".



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



To select music

►►I: To select next track



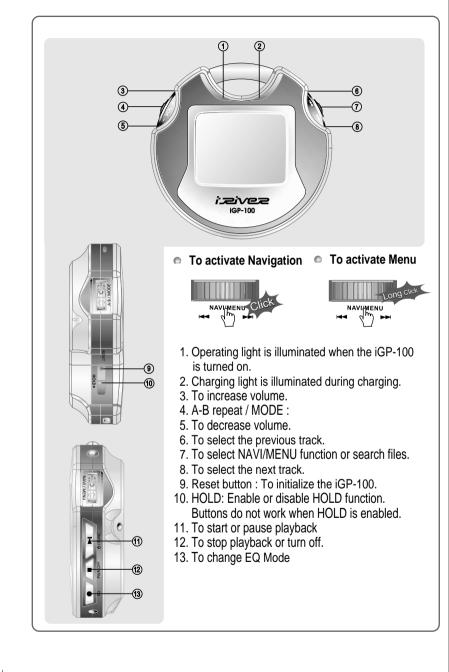
5 To adjust the volume I+I: To increase volume

ı − I : To decrease volume

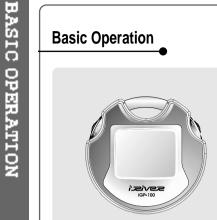


# NOTE

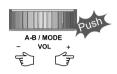
- When "Hold" is ON, the buttons on the player will not function.
- When the player is stopped, it will shut off according the "Stop Power Off" setting in the Menu. (Refer to page 29.)



LISTENING TO MUSIC



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







(Refer to page 19)

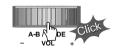
# **NAVIGATION**

■ Press NAVI/MENU button and find the desired track by pressing [44] or ▶▶ [, NAVI/MENU button.

# **Interval Repeat**

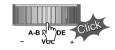
Select interval to play repeatedly.

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





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





A-B interval will be repeated.

# **NAVIGATION**

NAVIGATION

Press the NAVI/MENU button to display the list of audio tracks. The current track will also be displayed.





Push the NAVI/MENU switch toward | • or | to select a track or folder to play.





Press the NAVI/MENU button to play the selected track or display the contents of a folder.





- Once you select a folder, choose the song you wish to listen to and press the NAVI/MENU button.
- Press and hold the NAVI/MENU switch or press the STOP button to go the upper folder or the previous menu.

# **OPERATING THE FM TUNER**

While playing an Audio File, Press and hold the PLAY/PAUSE button.



87.5<sub>MHZ</sub>

The FM function picture displays on the LCD. >

Push the | d | or | button to select FM frequency.





Press the STEREO/PLAY/PAUSE button to select Stereo/Mono.



# **SELECTING FREQUENCY**

To change frequency, push the Add or Switch to the left or the right.



Auto Scan function: To select a station to store, press the NAVI/MENU button to exit Preset mode and find a station by using [44] or [54].



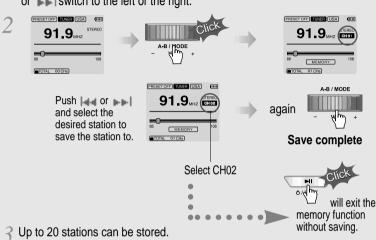


PRESET Mode: To select a station saved in memory, press the NAVI/MENU button to enter Preset mode. Select a stored station by using the | or | switch.



# **MEMORY FUNCTION (Save stations manually)**

After cancelling the PRESET mode, select a station by pushing the or select a station by pushing the left or the right.



# **AUTO MEMORY FUNCTION (Save stations automatically)**

Automatically select station and save them in sequential order.

Press the NAVI/MENU button to exit the Preset mode.



Press and hold the A-B/MODE button.



## Note:

- The stations are automatically saved from CH01 to Ch20.
- The Auto Memory Function may not function well in weak transmission areas.

# **MEMORY DELETE FUNCTION (Delete saved channels)**

- Select the channel to be deleted at preset mode.
- Press and hold the MEMORY button.



- The next channel will appear when channel deletion is completed. Push the MEMORY button if you want to delete the next channel also.

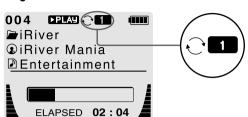
# NOTE

- ▶ FM Tuner reception may vary in different areas.
- ▶ While in Preset mode, Auto Scan and Auto Memory functions are not available.
- ▶ When the player does not have any preset channels, EMPTY will be blinking at preset mode.

The iGP has various playback modes.

MP3 44KHz 128K NORMAL ....

Please refer to the function controls (see page 30 for details) for user-defined configurations.



■ When the A-B/MODE button is pushed, the playback mode changes and an icon indicating the mode is displayed.

#### REPEAT

	01	Play a single track repeatedly. Press or below to play the previous or next track.			
	D	Play all tracks in the folder and stop.			
Play all tracks in the folder repeatedly.  Play all tracks in the player repeatedly.		Play all tracks in the folder repeatedly.			
		Play all tracks in the player repeatedly.			

# **■ SHUFFLE**

SFL	Randomly play all tracks in the player and stop.		
SFL 1	Play a single track repeatedly. Press   • or   to switch to a new random track.		
SFL D	Randomly play all tracks in the folder and stop. Press   • or • to switch to a new random folder.		
SFLDA	Randomly play all tracks in the folder repeatedly.		
SFL A	Randomly play all tracks in the player repeatedly.		

# **■ INTRO**

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.

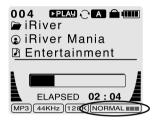
# EQ/SRS

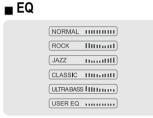
- You can change the EQ to match your music style.
   Normal / Rock / Jazz / Classic / Ultra Bass / User EQ

  - SRS / TruBass / WOW Preset / WOW User
- Whenever the EQ button is pressed, EQ changes as the following order :

(Normal → Rock → Jazz → Classic → Ubass → User EQ → SRS → TruBass → WOW Preset → WOW User)

• You can set the EQ function by using Function Menu. Refer to page 30~31.





SRS(●) ))

TruBass ))

(( WOW Preset ))

(( WOW User ))

- EQ (SRS Off): When SRS is deactivated, the normal EQ settings will be used. (Normal, Rock, Jazz, Classic, UBass, User EQ)

## ■ SRS

- 1) SRS Selection
  - SRS( ): SRS is activated.
  - TruBass : TruBass is activated.
  - WOW Preset: The built in WOW settings will be used.
  - WOW User : User defined settings for WOW will be used,

according to the SRS, TruBass, and Focus. These are set in the SRS Settings menu.

- 2) SRS Settings (The defaults is 5, 7, High, 60Hz)
  - SRS( ): SRS range can be set from 1 to 10.
  - TruBass : TruBass range can be set from 1 to 10.
  - Focus: The fineness of the sound can be selected. (Low, High)
  - Boost: Set the Bass boost frequency. (40, 60, 100, 150, 200, 250, 300, 400Hz)
- \* SRS(•) is the trade mark of SRS Labs. Inc.

# What is SRS( )?....

SRS-WOW is simulated 3D surround sound developed by SRS Lab and is composed by SRS, TruBass, Focus, and WOW.

# **CONFIGURATION**



Function Control is subject to change with different firmware versions. Users can configure their own settings.

由 Back Light (Battery)

#### General

# ф- Веер Volume

- Language
- Tuner Region
  Load Default
- ☐ Firmware Upgrade

## Control

# 

⊞ Fast Skip

## Mode

Display

d— Time

# Repeat Shuffle

#### Sound

± Stop Power Off

- ⊞- EQ ⊞- Bass Boost
- Bass Boost
  Treble Boost
- ₽- SRS (**•**)

# **MENU OPERATION**

- Press and hold the NAVI/MENU button to display the menu system. It is composed of 6 main menus with sub-menus.
  - **▼** MAIN MENU
- **▼** SUB MENU
- ▼ Window for SUB MENU SETTING







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

#### ■ Scroll between Menu



Press and hold the NAVI/MENU button to display the main menus. Push the [ ] , to scroll between main menus, press the NAVI/MENU button to select sub menu.





#### ■ From Main Menu to Sub Menu



Use the I-4-1, I to select a sub menu, push the NAVI/MENU button to display the contents of that sub menu.



# ■ Change Settings



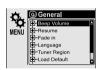
Use the | ••• to change the settings. Push NAVI/MENU to save the setting.



#### ■ Exit Sub Menu



Press and hold the NAVI/MENU switch or press the STOP( ) button to display the initial setting menu.



#### ■ Exit Main Menu



Press and hold the NAVI/MENU switch or press the STOP(\_\_\_\_) button at the initial setting menu to exit Function Control Mode.



# **GENERAL**

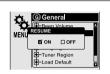
## **■** BEEP VOLUME

Set beep volume level to 0 / 1 / 2 / 3 step.



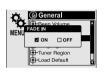
## ■ RESUME

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



#### ■ FADE IN

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



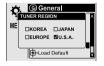
# ■ LANGUAGE (Supports 38 languages)

Song title and ID3 tag information is dependent on the version of the PC operating system that was used to create it. (For example, if a MP3 files is created in a Korean version of Windows, the language setting should be Korean for proper title display)



## **■ TUNER REGION**

You can set the FM frequency and step according to your area.  $\label{eq:condition} % \begin{subarray}{ll} \end{subarray} % \begin{subarray}{ll}$ 



After selecting a new tuner region, all preset stations will be deleted from memory.

## ■ LOAD DEFAULT VALUE

Initialize all settings to original factory setting.



#### **■ FIRMWARE UPGRADE**

You can upgrade the player's Firmware. Refer to page 34 for details.



# **DISPLAY**

# ■ BACK LIGHT (Battery)

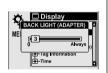
You can adjust the time that the Backlight stays on while the player is operated using the battery built in the player.



(Time range can be made from 1~60 sec.)

## ■ BACK LIGHT (Adapter)

You can adjust the time that the Backlight stays on while the player is operated using AC adapter.



(Time range can be made from 1~59 sec.) If 60 sec is selected, backlight is always on.

## **■ LCD CONTRAST**

Adjust LCD contrast of the player.



## **■ TAG INFORMATION**

ON: Displays track with ID3 tag information and you can change the configuration of Tag information.

OFF: Displays track with file name.



The change will take affect when the next track is played.

#### ■ TIME

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



**NOTE**: In case of VBR MP3 file, the time may display inaccurately.

# **TIMER (Set Auto Power Off)**

## **■ SLEEP POWER OFF**

Automatically power off after fixed time (Time range can be set from 1 to 99 minutes).



**b** When the power is off, the sleep power off setting goes back to 0.

# **■ STOP POWER OFF**

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



# **CONTROL**

## **■ SCAN SPEED**

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



## ■ SCROLL TYPE

Adjust scroll speed by

1x / 2x / 4x / Vertical / Horizontal.

Vertical : The scroll goes up and down

Horizontal : The scroll goes from the left to

the right.



# **■ FAST SKIP**

OFF: Disables the skip feature.

10: Plays the previous 10th or the next 10th song. Directory: Jump to the Previous/Next directory.



# **MODE (PLAYBACK MODE)**

#### ■ REPEAT MODE / SHUFFLE MODE

You can select a file or directory to listen to repeatedly.



You can play the selected mode simultaneously by setting REPEAT MODE / SHUFFLE MODE respectively.

(Refer to page 22 for details about each mode)



#### **■ INTRO MODE**

INTRO MODE plays the beginning 10 seconds of each track.

INTRO HIGHLIGHT plays 10 seconds from 1 minute into each track in sequential order.



# SOUND

#### **■ SOUND BALANCE**

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



The default value is 0 the sound outputs the same level at both earphones.

#### ■ EQ

You can select 6 EQ.

EQ is selected as follows:

Normal → Rock → Jazz → Classic → Ultra Bass → User EQ



### **■ BASS BOOST**

Bass Boost level is from 0 to 24dB by 2 step. The value set on the BASS BOOST is applied to USER EQ.



#### **■ TREBLE BOOST**

Treble Boost level is from 0 to 6dB by 2 step. The value set on the TREBLE BOOST is applied to USER EQ.



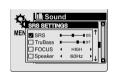
#### ■ SRS

You can enjoy EQ or 4 mode surround sound. EQ (SRS OFF) → SRS → TruBass → WOW (Preset) → WOW (User)



## ■ SRS Settings

You can enjoy various surround sound by setting the sound levels. Push the NAVI/MENU switch to select SRS's item to set and push the VOLUME to change its value.



SRS: 1~10 TruBass: 1~10 Focus: Low, High

Boost: 40Hz/60Hz/100Hz/150Hz/200Hz/250Hz/300Hz/400Hz

# NOTE

- To adjust the USER EQ, set the BASS BOOST and TREBLE BOOST.
- When you set the BASS BOOST or TREBLE BOOST, the EQ is automatically set to USER EQ.

# **HOW TO USE WINAMP PLAYLIST**

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.

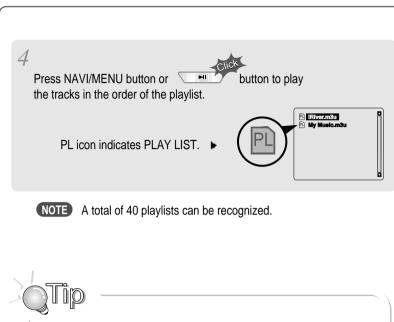


-3. Name the file name (ex: iriver.m3u) and click "SAVE" to save the list.

 $\ensuremath{\nearrow}$  Save to the player with the  $\ensuremath{\:^+}$  .M3U and the files added to the playlist.

Press A-B/MODE button at stop mode and LCD displays a list of M3U playlist files on the player. You can find the playlist you want to play by using the A button and the A or button.





## RESERVATION FUNCTION

Press NAVI/MENU button during playback to select the next song to be played, then press A-B/MODE button to queue that song.

Press NAVI/MENU button during playback,







After selecting the song to play next,





Upgrade your firmware at www.iriveramerica.com.

## What is FIRMWARE?

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

#### How to UPGRADE?

- Download the latest firmware upgrade file from www.iriveramerica.com
- 2. Extract the file and save it to the ROOT of the iGP series.
- Connect the AC adapter to the iGP series. (Caution: Only upgrade the firmware on the iGP series with the AC adapter connected.)
- 4. Select the Firmware Upgrade option in the General section of the MENU.
- 5. Click the NAVI/MENU button after selecting "YES" on the Alert window.
- 6. The LCD will display "Firmware Upgrading..." while the firmware file is loaded.



7. Do not turn the player off or disconnect the player from the PC until the Firmware Upgrading is done. When the power goes off automatically, the upgrade is done. After turning the player on, confirm the Firmware Upgraded operating.

- Supported file types will have the extension MP3, OGG, WMA and ASF.
- Tracks with damaged or corrupted parts are skipped or forwarded to next track.
- Folders and files are sorted in alphabetical order.
- Track information is displayed as either filename or ID3 TAG information.
- Physical shock can cause bad sectors on the media inside the iGP. This can be recovered using Windows Scandisk.

# **SAFETY**

PRECAUTIONS

## ■ Avoid dropping or impacting the player.

The player is designed to operate while walking or running, but dropping or excessively impacting the player may cause damage.

# Avoid contacting the player with water.

Damage to the internal parts of the player may occur if the player comes into contact with water. If your player gets wet, dry the outside with a soft cloth as soon as possible.

- Do not leave the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, unleveled surface, or in a car with its windows closed.
- Keep the player away from a material with strong magnetic forces. This can cause malfunction in the Hard Drive.
- If the iGP is disconnected suddenly during file transfer, it may case data loss and an error "Total of 0000 Folder(s)" may display on the iGP. If this happens, attach the iGP to your PC and run the Windows Scan Disk utility.

# ON HEADPHONES AND EARPHONES

# ■ Road Safety

Do not use headphones/earphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headset at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

# ■ Preventing hearing damage

Avoid using headphones/earphones at high volume. Hearing experts advise against 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.

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

No Power	<ul> <li>Check whether the battery is discharged.</li> <li>Check the operation after connecting AC Adapter.</li> </ul>
No sound is heard from the player or distortion is heard during playback.	<ul> <li>Check whether VOLUME is set to "0".         Connect the remote control / earphone plug firmly.</li> <li>Check whether the plug is dirty (clean the plug with a dry and soft cloth).</li> <li>Corrupted Audio file may have a noise or sound cut off.</li> </ul>
Characters in LCD are corrupted.	Check out Menu ▷ General ▷ Language and confirm whether the right language has been selected.(Refer to page 26)
Poor FM Reception.	<ul> <li>Adjust the position of the player and earphones.</li> <li>Turn off the power of other electronic devices near the player.</li> <li>The headphone cord functions as the antenna, they must be plugged in for best reception.</li> </ul>
Failed download of a file to the player	<ul> <li>Check the connection between your computer and the player to ensure that the cable is secure.</li> <li>Check the condition of the battery.</li> <li>Check the operation after connecting AC Adapter.</li> </ul>



Installation CD



2 Headphones and foam covers



3 User Manual/ Warranty card



4 AC Adapter



5 USB Cable



6 Carrying Case



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

Category	Item	Specifications
	Frequency/Range	20Hz~20KHz
		20mW(L) +20mW(R) at 16 Ω
	Headphone output	11.6mW(L) +11.6mW(R) at 32 Ω
Audio		Max. Volume
	S/N ratio	90dB(L), 90dB(R) (MP3)
	Frequency Characteristics	±2dB
	No. of Channels	STEREO(L+R)
	FM Frequency range	87.5MHz~108MHz
Adia	Llaadahana Outrud	20mW(L) +20mW(R) at 16 Ω Max.
Audio	Headphone Output	Volume
(FM TUNER)	S/N ratio	50dB
	Antenna	Headphone/Earphone-Cord Antenna
	File TYPE	MPEG 1/2/2.5 Layer 3, Ogg Vorbis,
		WMA , ASF
File Support	Bit Rate	32Kbps ~ 320Kbps
		(Ogg : 32Kbps~ 500Kbps, 44.1KHz)
	Tag	ID3 VI , ID3 V2 2.0, ID3 V2 3.0
Power Supply	AC Adapter	DC 5V , 2A
	Dimension	Approx. 80(W) x 77.5(D) x 24(H) mm
General	Weight	Approx. 100 g
	Operational Temperature	0 ℃ ~ 40 ℃
Max. Playtime	MP3	Approx. 12 hours

# **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 customers in Europe



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

