



Riō

Carbon|C
30GB

**Getting Started
PlaysForSure™
Using the Rio Carbon C
Rio Music Manager
Help**

Package Contents

- Rio Carbon C
- Quick Start Poster
- Earphones
- Installation CD
- Carrying Case
- USB-AC Adapter
- Mini USB Cable



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Getting Started

Tour of the Rio Carbon C
Display Overview
Connections

Tour of the Rio Carbon C

POWER

Slide to the right to power the Rio Carbon C on.

Slide to the right and hold for two seconds to place the Rio Carbon C 30 GB into power save mode.

Slide to the right and hold for 10 seconds to power the Rio Carbon C 30G off.

Slide to the left to activate [Lock Mode](#).

CENTER

In Player mode, press to cycle through [Player mode](#) views.

In Menu mode, press to select options.

PLAY/PAUSE

Press to play or pause playback.



MENU

In Player mode, press to enter Menu mode.

In Menu mode, press to return to Player mode.

FORWARD and REVERSE

Press to skip to the next or previous track.

Select and hold to scan forward or reverse.

WHEEL

In Player mode, rotate to activate the [Wheel Menu](#) and adjust Volume, [Pitchbend](#), [Seek](#), and [Brightness](#) levels.

In Menu mode, press or rotate to control menu navigation.

POWER

Slide to the right to power the Rio Carbon C on.

Slide to the right and hold to for two seconds to place the Rio Carbon C 30 GB into power save mode.

Slide to the right and hold for 10 seconds to power the Rio Carbon C 30G off.

Slide to the left to activate **Lock Mode**.

REMOTE

Connects to optional remote control. (Sold separately.)

EARPHONES

Connects to earphones, headphones, or auxiliary connections.

IN

Records sound when the **Line-In** recorder is in use.



DOCK CONNECTOR

Connects to optional docking station. (Sold separately.)

USB

Connects to the USB cable.

Player Mode

Volume Level

Artist

Album

Track

Track Time

Play Indicator

Repeat Playback Indicator

Shuffle Playback Indicator

Lock Indicator

Power Indicator

Track Position Bar

Track Number/

Total Number of Tracks

Menu Mode

Menu Title

Selected Option

Options

Display Overview

Player mode views

Press CENTER to cycle through player mode views.

Play Screens

Use the [Play Screens](#) menu to set the default Player mode view to Progress Indicator, Profile Indicator, or VU Meters view.

Running Order

Connections

Earphones

Connect the supplied earphones to the **EARPHONES** port on the top of the Rio Carbon C.



USB-AC

The Rio Carbon C requires a USB connection to transfer files and/or recharge its battery. If using a USB hub, connect to a powered USB hub. Unpowered USB hubs may not work.

Use the USB cable to connect the Rio Carbon C to the USB port on your computer to transfer music or files to and from the Rio Carbon C and your computer. The Rio Carbon C cannot play music when it is connected to the USB port on your computer.



Use the USB cable to connect the Rio Carbon C to the USB port on the USB-AC adapter to quickly recharge the battery on the Rio Carbon C. When connected to the USB port on the USB-AC adapter, the Rio Carbon C can play music and recharge its battery at the same time.



Additional Accessories

Get the most out of your Rio with additional accessories available online at the Rio website. Some of the most popular accessories include the following:

- **Rio Carbon C Dock**

TODO



Remote Image

- **Rio Carbon C 30 GB Remote Control**

TODO

- **Rio Carbon C Carrying Case and Belt Clip**

Replace carrying cases that have been worn down by intensely active lifestyles.

- **Rio Car Stereo Adapter**

Upgrade your car stereo for hundreds of dollars less than buying a new MP3 CD player. The Rio car stereo adapter lets you play your favorite music in any vehicle equipped with a standard cassette deck.





PlaysForSure™

PlaysForSure Logo
Audio Download
Audio Subscription

PlaysForSure Logo

The PlaysForSure logo assures that digital audio devices and online music stores have been tested and verified to work properly together. When you see the PlaysForSure logo at your favorite online music store, you'll know that audio tracks you purchase from the store will play for sure on your Rio Carbon C.

The Rio Carbon C is a PlaysForSure device and is fully compatible with PlaysForSure Audio Downloads and PlaysForSure Audio Subscriptions.

NOTE: The iTunes Music Service does not use the PlaysForSure logo. Tracks downloaded from the iTunes Music Service cannot be played on your Rio player.

Audio Download

Most online music stores sell digital music that can be downloaded onto your Rio Carbon C. When you purchase an audio download you pay once to download a specific track. Tracks purchased in this way can be played for an unlimited amount of time, subject to the restrictions specified by the online music store.

When you see the PlaysForSure Audio Download logo at an online music store you will know that the online music store has been verified to provide audio downloads that will play for sure on the Rio Carbon C.

Audio Subscription

A growing number of online music stores sell subscription services that let you download an unlimited number of tracks for a monthly fee. You can download as many tracks as you want, but when you stop paying your monthly subscription fee and the subscription expires, the tracks cannot be played.

Customers using PlaysForSure Audio Subscription services must connect their Rio Carbon C to their computer via USB and visit their online music subscription store at least once each billing period so the Rio Carbon C knows that the Audio Subscription has not expired.

When you see the PlaysForSure Audio Subscription logo at an online music store you will know that the online music store has been verified to provide audio subscriptions that will play for sure on the Rio Carbon C.

Windows Media Player 10 and Windows XP Service Pack 1 (or greater) must be installed on your computer to use PlaysForSure Audio Subscription tracks.

NOTE: PlaysForSure Audio Subscription tracks cannot be transferred to the Rio Carbon C when the Rio Carbon C is in [MSC mode](#).

Using the Rio Carbon|C

Music Library
Now Playing
Settings
FM Radio
Record
Features
Lock Player
About

Music Library

The Rio Carbon C can play audio tracks using a variety of playback formats. Any format can be used within a matter of seconds so you can spend more time enjoying tracks and less time arranging them.

Music library options include:

- [Artist](#)
- [Album](#)
- [Track](#)
- [Playlist](#)
- [Folder](#)
- [Rio DJ](#)
- [Genre](#)
- [Year](#)
- [Composer](#)
- [Cover Version](#)
- [Mood](#)
- [Delete Content](#)

Artist

To play tracks from a specific artist please follow these steps:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Artist**.
- 4 Select **Play All** or a specific album.
- 5 If a specific album is selected, select **Play All** or a specific track.

Album

To play tracks from specific albums please follow these steps:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Album**.
- 4 Select an album.
- 5 Select **Play All** or a specific album.
- 6 If a specific album is selected, select **Play All** or a specific track.

Track

To play a specific track please follow these steps:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Track**.
- 4 Select **Play All** or a specific track.

Playlist

To play tracks from a playlist, or create a new playlist from the current running order, please follow these steps:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Playlist**.
- 4 Select **Select a Playlist to** or **Create a Playlist**.

- **Select a Playlist**
Select to play tracks from playlists. Select **Play All** or a specific playlist.
- **Create a Playlist**
Select to save the current running order as a playlist to play. Select **Play All** or a specific playlist.

TIP: Use the [Now Playing](#) menu to edit the current running order.

Folder

To locate and play tracks using folders that have been created on the Rio Carbon C please follow these steps:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Folder**
- 4 Select **Play All** or a specific folder.
- 5 If a specific folder is selected, select **Play All** or a specific track.

Folder view comparison screenshots.
(My Computer and Rio Carbon C)

Rio DJ

Use Rio DJ to create innovative track running orders based on tag information. To access Rio DJ:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Rio DJ**.
- 4 Select a Rio DJ mix.
- 5 Select Rio DJ mix settings.
- 6 Select **Done** to apply settings or **Cancel** to return to the Rio DJ menu.

Rio DJ offers the following running order mixes:

- **Entertain Me!**
Select to create a running order composed of the most frequently played tracks. The track running order plays for a selectable amount of time. Settings include 15 minutes (the default setting), 30 minutes, 1 hour, 2 hours, 3 hours, 4 hours, 8 hours, and Everything.
- **Custom Mix**
Select to create a running order based on a custom Rio DJ mix or create a new Custom Rio DJ Mix to be saved and used later. Options include Select, Create, Edit, Delete, and Rename.
- **Play All**
Select to create a running order that sorts all of the tracks on the player into basic categories. Settings include Album (the default setting), Artist, Genre, and Year. The track running order generated is ordered alphabetically or chronologically, based on the selected Play All setting.
- **Top Tunes**
Select to create a running order composed of a set number of the most frequently played tracks. The most frequently played tracks are played first. Settings include 10 (the default setting), 20, 30, 40, 50, 100, and 250.
- **New Music**
Select to create a running order composed of the most recently loaded tracks during a set amount of time. The most recently played tracks are played first. Settings include 1 day (the default setting), 3 days, 1 week, 2 weeks, 1 month, 6 months, and 1 year.

- **Memory Lane**
Select to create a running order composed of the least frequently played tracks during a set amount of time. The least recently played tracks are played first. Settings include 1 day (the default setting), 3 days, 1 week, 2 weeks, 1 month, 6 months, and 1 year.
- **Sounds Of...**
Select to create a running order composed of tracks from a specific decade. Settings include 1940's (the default setting), 1950's, 1960's, 1970's, 1980's, 1990's, and the 2000's.
- **Forgotten Gems**
Select to create a running order composed of the most popular, but least recently played, tracks during a set amount of time. The most recently played tracks are played first. Settings include 1 day (the default setting), 3 days, 1 week, 2 weeks, 1 month, 6 months, and 1 year.
- **Déjà Vu**
Select to create a running order composed of the most popular and most recently played tracks during a set amount of time. The most frequently played tracks are played first. Settings include 1 day (the default setting), 3 days, 1 week, 2 weeks, 1 month, 6 months, and 1 year.
- **Random Mix**
Select to create a running order composed of all tracks, in random order, on the player. The track running order will play for a set amount of time. Settings include 15 minutes (the default setting), 30 minutes, 1 hour, 2 hours, 3 hours, 4 hours, 8 hours, and Everything.

Genre

The Genre option only appears in the Music Library when tracks have been [tagged](#) with genre information. To play tracks from a specific genre please follow these steps:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Genre**.
- 4 Select **Play All** or a specific genre.
- 5 If a specific genre is selected, select **Play All** or a specific track.

Year

The Year option only appears in the Music Library when tracks have been [tagged](#) with year information. To play tracks from a specific year please follow these steps:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Year**.
- 4 Select **Play All** or a specific year.

Composer

The Composer option only appears in the Music Library when tracks have been [tagged](#) with composer information. To play tracks from a specific composer please follow these steps:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Composer**.
- 4 Select **Play All** or a specific composer.
- 5 If a specific album is selected, select **Play All** or a specific track.

Cover Version

The Cover Version option only appears in the Music Library when tracks have been [tagged](#) with cover version information. To play tracks that cover other songs please follow these steps:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Cover Version**.
- 4 Select **Play All** or a specific track.

Mood

The Mood option only appears in the Music Library when tracks have been [tagged](#) with mood information. To play tracks that are applicable to moods please follow these steps:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Mood**.
- 4 Select **Play All** or a specific mood.

Delete Content

To delete tracks from the Rio Carbon C please follow these steps:

- 1 Press **MENU**.
- 2 Select **Music Library**.
- 3 Select **Delete Content**.
- 4 Select **an Artist, an Album, a Track, or Everything!**

Would be nice to add Playlists and Recordings to the list.

Now Playing

Use the Now Playing menu to view and edit the track running order that the Rio Carbon C is currently using.

- 1 Press **MENU**.
- 2 Select **Now Playing**.
- 3 Highlight a track in the running order.
- 4 Press **CENTER**.
- 5 Select a **Now Playing** option.

- **Play**

Select to play the selected track.

- **About**

Select to open the About Track menu to display Title, Artist, Album, Genre, Year, Track #, Duration, Codec, Bitrate, PCM Format, File Size, Date Loaded, Times Played (and remaining playbacks), Last Time Played, and **Autosync** information for the selected track.

- **Insert**

Select to insert tracks into the running order after the highlighted track. Inserted tracks will be placed at the end of the running order if **Shuffle Mode** is on during insertion and later turned off.

- **Append**

Select to append tracks to the end of the running order.

- **Re-order**

Select to “grab” the selected track and move it to another position in the running order. Use the **WHEEL** to move the selected track up or down the list of tracks in the running order. Press **CENTER** to drop the selected track into a new position.

- **Remove**

Select to remove a track or tracks from the running order. Tracks removed from running orders are not removed from the Rio Carbon C. Remove options include:

Track: Select to remove the highlighted track.

Artist: Select to remove all tracks tagged with the same artist as the highlighted track.

Album: Select to remove all tracks tagged with the same album as the highlighted track.

Genre: Select to remove all tracks tagged with the same genre as the highlighted track.

Year: Select to remove all tracks tagged with the same year as the highlighted track.

Tracks Above: Select to remove all tracks in the running order above the selected track.

Tracks Below: Select to remove all tracks in the running order below the selected track.

Everything: Select to remove all tracks from the running order.

TIP: To delete tracks from the Rio Carbon C, rather than simply removing them from the running order, use the [Delete Content](#) options available in the [Music Library](#) menu.

- **Make Playlist**

Select to save the current running order as a playlist.

Settings

Playback

Equalizer

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Play Screen

Display Scheme

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FM Radio Settings

Record Setup

Lock Setup

Power Management

Time & Date

Quick Buttons

Audible Prompts

Hearing Protection

Text Encoding

Transfer Mode

Playback

Various playback options can be set to modify the way the Rio Carbon C plays tracks. Tracks can be shuffled at random and/or repeated continuously.

- 1 Press **MENU**.
 - 2 Select **Settings**.
 - 3 Select **Playback**.
 - 4 Select **Shuffle**, **Repeat**, and/or **Cross Fade**.
 - 5 Press **CENTER** to apply settings.
- **Shuffle**
Set selected tracks to play in standard or random order. Settings include **Off** (the default setting) and **On**.
 - **Repeat**
Set selected tracks to repeat playback of all tracks or the current track. Settings include **Off** (the default setting), **All**, and **One**.
 - **Cross Fade**
Set **Cross Fade** settings that can seamlessly merge the playback of tracks during the end of one track and the beginning of another. Settings include **Off** (the default setting), and **1** through **5 Seconds**.

Equalizer

The sound of tracks played on the Rio can be adjusted using various preset and fully customizable equalizer settings.

[Bass & Treble](#)

[Preset Equalizer Settings](#)

[Custom Equalizer Settings](#)

[EQ Mode](#)

[Special](#)

Bass & Treble

The Bass & Treble feature can be used to adjust Bass and Treble a total of 12 decibels (dB), from -6dB to +6dB. The Bass & Treble option is only available when the **EQ Mode** has been set to Bass & Treble.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Equalizer**.
- 4 Select **Bass & Treble**.
- 5 Select **Bass** and/or **Treble** by scrolling **WHEEL**. Use **CONTROL PAD** to adjust options.
- 6 Select **Done** to apply settings or **Cancel** to return to the **Equalizer** menu.

- **Bass**
Adjusts the low end of the sound spectrum from -6dB to +6dB.
- **Treble**
Adjusts the high end of the sound spectrum from -6dB to +6dB.

Preset Equalizer Settings

Select to change the sound of tracks according to preset equalizer settings. The equalizer changes immediately as each option is highlighted. If no option is selected the equalizer will return to the last saved setting.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Equalizer**.
- 4 Select **EQ Off**, **Rock**, **Pop**, **Jazz**, **Classical**, or **Trance**.

Custom Equalizer Settings

Custom equalizer options function the same way as preset equalizer settings but are set according to personal preferences.

Custom equalizer options are only available when the EQ Mode has been set to 5-Band EQ.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Equalizer**.
- 4 Select **Custom 1**, **Custom 2**, or **Custom 3**.
- 5 Adjust 5-Band parametric EQ settings.
Rotate **WHEEL** to change frequencies. Move **CENTER** left or right to adjust decibel levels.
- 6 Select **Done** to apply settings or **Cancel** to return to the **Equalizer** menu.

Options include **10k**, **2.5k**, **600**, **150**, and **40 hertz** frequencies.

EQ Mode

EQ Mode allows the player to switch between the standard Bass & Treble settings and custom 5-Band Parametric settings.

Special

Additional audio filters are available in the Special menu.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Equalizer**.
- 4 Select **Special**.
- 5 Select **Auto Gain Control**, and/or **Stereo Separation** options and settings by using the **CONTROL PAD**.
- 6 Select **Done** to apply settings or **Cancel** to return to the **Equalizer** menu.

- **Auto Gain Control**

Gain settings affect the overall Gain of the audio to make the audio sound more consistent by automatically adjusting the volume. Auto Gain Control is great for keeping sounds clear, without being too strong, even in noisy external environments. Settings include **Off** (the default setting), **Low**, **Medium**, and **High**.

- **Stereo Separation**

Many albums recorded in stereo during the early days of studio production separated all instruments to one side and all vocals to another. This type of extreme stereo separation is found on many Beatles and Buddy Holly albums. The **Stereo Separation** option merges the left and right stereo channels together to compensate for stereo effects that may sound strange when played on headphones. Settings include **Off** (the default setting) **Low**, **Medium**, and **High**.

Resume

Use the options in the Resume menu to set the track that the Rio Carbon C will play whenever it is powered on.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Resume**.
- 4 Adjust settings.
- 5 Press **CENTER** to apply settings and return to Player mode.

- **Track**

Set the Rio Carbon C to begin playback of the last track played before shutdown or the first track in the running order when the Rio Carbon C is powered on. Settings include **Current** (the default setting) and **First**.

- **Timecode**

Set the Rio Carbon C to begin playback of the last track played at the point the track was at during shutdown or at the start of the track. Settings include **Current** (the default setting) and **Start**.

Play Screen

When the Rio Carbon C is in Player mode, pressing **CENTER** will cycle the display through various Play Screen views.

- 1 Press **MENU**.
 - 2 Select **Settings**.
 - 3 Select **Play Screen**.
 - 4 Adjust **Current Track View**, **Timer Direction**, and/or **Timer Mode** settings.
 - 5 Select **Done** to apply settings or **Cancel** to return to the **Settings** menu.
- **Current Track View**
Set the Rio Carbon C's visualization mode to one of three settings. Settings include **Progress Indicator** (the default setting), **Profile Indicator**, and **VU Meters**.
 - **Timer Direction**
Settings include **Count Up** (the default setting) and **Count Down**.
 - **Timer Mode**
Settings include **Single Track** (the default setting) and **All Tracks**.

Display Scheme

Change the [Background View](#) image and color of the text displayed on the Carbon C's display screen.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Display Scheme**.
- 4 Select [Background](#) or [Color Scheme](#) and adjust settings.
- 5 Select **Done** to apply settings or **Cancel** to return to the **Display Themes** menu.

- **Background**

Background views include [Plain Color](#) (the default option), [Picture](#), [Visualization](#), and [Album Art](#). The selected view will determine what additional options are available.

Plain Color view sets the player to the default background view.

Picture view allows the **Cycle Background** and **Picture** options to be adjusted. **Cycle Background** can be set to **Off** (the default option) and **Each Track**. The displayed picture can be adjusted by using the **Picture** option.

To add pictures to your Rio Carbon C:

- 1 Place the Rio Carbon in **MSC mode**.
- 2 Connect to your computer via USB.
- 3 Use **My Computer** (Windows Explorer) to locate the Rio Carbon C.

Screenshot

- 4
- 5 Double click the **Rio Carbon C** icon.
- 6 Double click the **.rio** folder.

Screenshot

If you do not see the **.rio** folder, turn on the **Show hidden files and folders** option. From the **My Computer** window, click **Tools/Folder Options.../View/Hidden files and folders**, then click the **Show hidden files and folders** radio button.

Screenshot

- 7 Inside the **.rio** folder, create a folder named **wallpaper**. (Right click inside the My Computer window, select **New**, select **Folder**, and name the new folder **wallpaper**.)

Screenshot

- 8 Add pictures to the wallpaper folder using copy and paste or drag and drop methods.

NOTE: Pictures must be in .jpg format.

Visualization view allows the **Cycle Background** and **Select Visualization** options to be adjusted. **Cycle Background** can be set to **Off** (the default option) and **Each Track**. The displayed visualization can be adjusted by using the **Visualization** option.

Visualization view allows the **Cycle Background** and **Select Visualization** options to be adjusted. **Cycle Background** can be set to **Off** (the default option) and **Each Track**. The displayed visualization can be adjusted by using the **Visualization** option.

Album Art view allows the **Fit To Screen** option. **Fit To Screen** can be set to **Centered** (the default option) or **Stretched**.

The Rio Carbon C detects album art images embedded into MP3 and WMA tracks as well as specific album art .jpg images located in the same folder as tracks.

The Rio Carbon C displays album art based on the following priorities:

The Rio Carbon C displays album art based on the following priorities:

- 1 Embedded album art**
Embedded album art is encoded directly into MP3 and/or WMA files during the encoding process.
- 2 Album art named *track.jpg*.**
.jpg images that are named exactly the same, and located in the same folder, as the tracks that they are intended to be displayed with.

Screenshot

i.e.

Music Location

Music/Rainer Maria/Long Knives Drawn/Ear Ring.wma

Album Art Location

Music/Rainer Maria/Long Knives Drawn/Ear Ring.jpg

- 3 Album art named *folder.jpg*.**
.jpg images that are named folder.jpg and located in the same folder as the tracks that they are intended to be displayed with.

Screenshot

i.e.

Music Location

Music/Rainer Maria/Long Knives Drawn/

Album Art Location

Music/Rainer Maria/Long Knives Drawn/folder.jpg

- **Color Scheme**

Select **Color Scheme** options to change the colors used on the Rio Carbon C's displays and menus. As each color scheme option is highlighted, the display is updated with the appropriate colors.

Color scheme screenshots

Display Brightness

By adjusting the brightness setting, the player can change the amount of light generated by the Rio Carbon C's display. Conservative brightness settings will conserve energy and extend the amount of playback time during each battery charge.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Display Brightness**.
- 4 Adjust **Screen Brightness** settings.
- 5 Select **Done** to apply settings or **Cancel** to return to the **Settings** menu.

- **Screen Brightness**

Adjust the brightness of the Rio Carbon C's backlight. Setting the brightness too bright may result in hazy images. Setting the brightness too dim will result in images that are difficult to see.

FM Radio Settings

Select to adjust FM radio settings, including region specific frequencies, FM tuner sensitivity, and preset station slots.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **FM Radio Setup**.
- 4 Select **Options**, **Store Preset**, or **Delete Preset** option.
- 5 Select **Done** to apply settings or **Cancel** to return to the **Settings** menu.

- **Options**

- FM Stereo Mode**

- Settings include **On** (the default setting), and **Off**. Selecting **Off** will place the FM tuner in mono mode.

- Region**

- Settings include **USA** (tunes by .2MHz, the default setting), **Europe** (tunes by .05MHz), and **Japan** (tunes by .05MHz).

- Sensitivity**

- Adjust the sensitivity of the FM tuner. If the sensitivity is set too high, the FM tuner may detect FM frequencies that contain more static than actual FM broadcasts when scanning for stations. If the setting is too low the FM tuner may skip even strong FM broadcasts when scanning for stations. Settings include **Medium** (the default setting), **High**, and **Low**.

- **Store Preset**

- The Rio Carbon C allows programming of up to 8 FM preset slots.

- When in Manual mode, tune to a frequency you wish to store to a preset slot.

- 1 Press and hold **CENTER** to enter **Store Preset** mode.
- 2 Press **FORWARD** or **REVERSE** to cycle to the desired preset station slot.
- 3 Press **CENTER** to store the frequency to the selected FM preset slot. After a frequency has been stored to a slot the Rio Carbon C will enter Preset mode.

- **Delete Preset**

- Select to delete stored FM Radio preset channels.

Record Setup

Select to set the file format that the Rio Carbon C will use when recording FM Radio or Line-In input.

- 1 Press **MENU**.
 - 2 Select **Settings**.
 - 3 Select **Record Setup**.
 - 4 Select **FM Radio** or **Line-In** recording methods.
 - 5 Select **ADPCM mono**, **WAV mono**, or **WAV no compression**.
 - 6 Select **Done** to apply settings or **Cancel** to return to the **Settings** menu.
- **ADPCM mono** (the default setting)
ADPCM stands for Adaptive Differential Pulse Code Modulation. Recordings made using the ADPCM mono encoding format take up less space than recordings encoded in WAV mono or WAV no compression formats.
 - **WAV mono**
Short for waveform, a reference to sound waves, .wav is a longstanding Windows standard used to encode sound files.
 - **WAV no compression**
Select to record the highest quality sound. Recordings created without compression will result in significantly larger files than compressed recording formats.

Lock Setup

Use the options in the Lock Setup menu to enable various controls when the lock is enabled.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Lock Setup**.
- 4 Select **Volume**, **Center**, and **Pad** options.
- 5 Press **CENTER** to apply settings and return to Player mode.

- **Volume**

Options include **Lock** (the default setting) and **Off**. When set to **Off**, the volume level can be adjusted even when the Rio Carbon C has been locked.

- **Center**

Options include **Lock** (the default setting) and **Off**. When set to **Off**, pressing **CENTER** will scroll through Time Code View, Track Format View, and Date Views even when the Rio Carbon C has been locked.

- **Pad**

Options include Lock and **▶ / || (PLAY/PAUSE)**. When set to **▶ / ||** any **CONTROL PAD** movement will be interpreted as the **▶ / ||** control.

Power Management

By adjusting Power Management settings the Rio Carbon C can be set to conserve energy. Low Power Management settings will dramatically extend the amount of playback time during each battery charge.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Power Management**.
- 4 Adjust **Screen Backlight**, and **Power off** settings.
- 5 Select **Done** to apply settings or **Cancel** to return to the **Settings** menu.

- **Screen Backlight**

Set the player to turn off the screen backlight after a set number of seconds. Settings include **Always Off**, **2 Seconds**, **5 Seconds** (the default setting), **10 Seconds**, **30 Seconds**, and **Always On**.

- **Button Backlight**

Set the player to turn off the button backlights after a set number of seconds. Settings include **Always Off**, **2 Seconds**, **5 Seconds** (the default setting), **10 Seconds**, **30 Seconds**, and **Always On**.

- **Auto Standby after set time of no activity**

Set the player to shut down and conserve energy after being inactive for a set number of minutes. Settings include **Never**, **2 Minutes**, **5 Minutes** (the default setting), **15 Minutes**, and **30 Minutes**.

Time & Date

Use the options in the Time menu to set the Rio Carbon C's internal clock. Time is set automatically every time tracks are transferred to the Rio Carbon C using Rio Music Manager.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Time & Date**.
- 4 Select **Set Time**, **Set Date**, or **Time & Date Format** options.
- 5 Press **CENTER** to apply settings and return to Player mode.

- **Set Time**

Options include **Hour**, **Minute**, and **AM / PM**.

- **Set Date**

Options include **Month**, **Day**, and **Year**.

- **Time & Date Format**

Options include **12 hour** (the default setting) and **24-hour** time formats and **USA** (the default setting), **Europe**, and **Japan** date formats.

Quick Buttons

Use Quick Buttons to setup custom press-and-hold button associations.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Quick Buttons**.
- 4 Select **Wheel, Up, Center, Up**, and/or **Down**.
- 5 Assign a press-and-hold association to the selected button.
- 6 Select **Done** to apply settings or **Cancel** to return to the **Settings** menu.

Possible button associations include **No Action**, **Main Menu**, [Play Music](#), [Rio DJ](#), [Artist](#), [Album](#), [Track](#), [Playlists](#), [Folders](#), [Quick Buttons](#), [Playback](#), [Equalizer](#), [Bookmark](#), [About Track](#), [Intro Scan](#), [Shuffle](#), [Stopwatch](#), and [Rotary Popup](#).

Audible Prompts

The Rio Carbon C can be set to confirm button presses with an audible prompt.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Audible Prompts**.
- 4 Select **On** or **Off** and a **Prompt volume** setting. (Moving the slider right increases the volume. Moving the slider left decreases the volume.)
- 5 Select **Done** to apply settings or **Cancel** to return to the **Settings** menu.

Hearing Protection

Select to adjust the maximum possible volume to avoid potentially dangerous loud sounds.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Hearing Protection**.
- 4 Select **Off** (the default setting) or **On** and a **Volume** setting. Moving the slider right increases the maximum possible volume. Moving the slider left decreases the maximum possible volume.
- 5 Select **Done** to apply settings or **Cancel** to return to the **Settings** menu.

Text Encoding

Adjust Text Encoding menu setting if the Rio Carbon C displays random alphabet characters instead of the correct ID3 tag text. The Rio Carbon C supports most Western European and Japanese-based languages. If ID3 tags are displayed properly then the Text Encoding setting does not need to be changed.

Rio Music Manager encodes track tags using the Unicode method. Properly tagged (Unicode) tracks are unaffected by Text Encoding setting changes. All WMA tracks are Unicode.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Text Encoding**.
- 4 Select **Western** (the default setting) or **Japanese**.
- 5 Press **CENTER** to apply settings and return to Player mode.

- **Western (ISO 8859-1)**

Select to read ID3 tags that are encoded using characters from Western European languages. ISO is an abbreviation for International Standards Organization.

- **Japanese (Shift-JIS)**

Select to read ID3 tags that are encoded using the Shift-JIS format. Shift-JIS is a character encoding format created by Microsoft that is based on the Japanese Industrial Standard format.

Transfer Mode

Adjust Transfer Mode settings to change the way the Rio Carbon C communicates with your computer.

- 1 Press **MENU**.
- 2 Select **Settings**.
- 3 Select **Transfer Mode**.
- 4 Select **Auto** (the default setting), **MTP**, or **MSC**.
- 5 Press **CENTER** to apply settings and return to Player mode.

- **Auto** (the default setting)

Select to let your Rio Carbon C decide what mode is most appropriate for your computer. If Windows Media Player 10 (WMP10) and Windows XP Service Pack 1 (SP1) (or greater) are installed on your computer, the Rio Carbon C will default to MTP mode functionality. If your computer does not have WMP10 and SP1 (or greater) installed, the Rio Carbon C will default to MSC mode functionality.

- **MTP**

Select to set your Rio Carbon C to only use the MTP protocol. MTP is an abbreviation for Media Transfer Protocol.

NOTE: When in MTP mode, the Rio Carbon C cannot communicate properly with your computer unless it has both WMP10 and Windows XP SP1 (or greater) installed.

When in MTP mode, the Rio Carbon C cannot display hidden files in folders, cannot allow transfers to the root Rio Carbon C directory, or allow the creation of new folders. Folders can be transferred to the Rio Carbon C using drag-and-drop and copy-and-paste methods. When in MTP mode (or Auto mode on Windows XP systems with SP1 (or greater) and WMP10 installed), all audio files transferred to the Rio Carbon C are automatically placed in a pre-created Media folder and all non-audio files are placed in a pre-created Data folder.

- **MSC**

Select to set your Rio Carbon C to only use the MSC protocol. MSC is an abbreviation for Mass Storage Class.

NOTE: When in MSC mode, PlaysForSure™ Audio Subscription tracks cannot be transferred to the Rio Carbon C. PlaysForSure™ Audio Subscription tracks already on the Rio Carbon C will play normally.

FM Radio

To access FM Radio mode:

- 1 Press **MENU**.
- 2 Select **FM Radio**.

When in FM Radio mode, the earphone wire acts as the antenna for the FM radio. For best reception, keep the earphones plugged into the EARPHONE jack whenever the FM radio is in use.

FM Radio features include:

- FM Controls
- Manual
- Store Preset
- Preset

TIP: When in FM Radio mode, the earphone wire acts as the antenna for the FM radio. For best reception, keep the earphones plugged into the EARPHONE port whenever the FM radio is in use.

FM Controls

When in FM Radio mode, the following controls function differently:

CENTER

Press to enter **Preset** mode.
Press again to turn off the Manual mode strong signal search. When turned off, no search is displayed and selecting and holding

FORWARD or **REVERSE** will scan up or down the frequency range manually.

Press and hold to enter **Store Preset** mode.

PLAY/PAUSE

Press and release to mute the FM radio. Press and hold to start or stop **FM Radio Record**.



MENU

In Player mode, press to enter Menu mode.

In Menu mode, press to return to Player mode.

FORWARD and REVERSE

In Manual mode, press to tune up or down the frequency range. In Manual mode, press and hold to search up or down the frequency range for particularly strong signals.

WHEEL

???

Manual

Follow these steps to enter the manual tuner mode:

- 1 Press **MENU**.
- 2 Select **FM Radio**.
- 3 Press **CENTER**.

Store Preset

The Rio Carbon C allows programming of up to 8 FM preset slots.

- 1 When in Manual mode, tune to a frequency you wish to store to a preset slot.
- 2 Press and hold **CENTER** to enter Store Preset mode.
- 3 Press **FORWARD** or **REVERSE** to cycle to the desired preset station slot.
- 4 Press **CENTER** to store the frequency to the selected FM preset slot. After a frequency has been stored to a slot the Rio Forge will enter Preset mode.

Preset

FM Radio preset slots can be accessed within seconds using Preset mode.

- 1 When in Manual mode, press **CENTER** to enter Preset mode.
- 2 Press **FORWARD** or **REVERSE** to cycle to the desired preset station slot.
- 3 Press **CENTER** to return to Manual mode.

Record

Select to record FM Radio or Line-In audio using the Rio Carbon's internal recorder. Recording ID3 Tags can be edited using Rio Music Manager.

- 1 Press **MENU**.
- 2 Select **Recorder**.
- 3 Select **FM Radio** or **Line-In**.

- **FM Radio**

Select to enter FM Radio mode and begin recording immediately.

Stop and Splice Functions only available after player has been placed in this mode. Currently no Playback or Delete Functions. Hopefully the immediate recording feature will be changed to manual.

TIP: When in FM Radio mode, the earphone wire acts as the antenna for the FM radio. For best reception, keep the earphones plugged into the EARPHONE port whenever the FM radio is in use.

- **Line-In**

Select to enter Line-In recorder mode and begin recording immediately.

Stop and Splice Functions only available after player has been placed in this mode. Currently no Playback or Delete Functions. Hopefully the immediate recording feature will be changed to manual.

To exit Recorder mode:

- 1 Press **MENU**.
- 2 Select **Recorder**.
- 3 Select **Stop**.

Record Controls

When in FM Radio mode, the following controls function differently:



CENTER

Press to cycle through Recorder display views.

PLAY/PAUSE

Press to play or pause Press to begin recording. After recording has started, press **PLAY/PAUSE** to pause recording.

MENU

In Player mode, press to enter Menu mode.

In Menu mode, press to return to Player mode.

FORWARD and REVERSE

Press to select a prerecorded recording. If a prerecorded recording is selected, the current recording will be appended to the prerecorded recording.

WHEEL

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Features

Bookmarks

Stopwatch

Troubleshooting

Bookmarks

Bookmarks store specific player settings, including the current running order, the current track, the current time position of the track, and the Playback settings. Users can save these settings in a bookmark and restore them whenever they use the Rio Carbon C.

Bookmarks are great for:

- Placing digital bookmarks in digital audio books or other extended length tracks.
- Maintaining positions in long term running orders.
- Sharing your player with others without losing personal settings.

- 1 Press **MENU**.
- 2 Select **Bookmarks**.
- 3 Select **Set**, **Select**, **Update**, or **Delete**.

- **Set**

Select a bookmark. Press **CENTER** to save the current settings to a bookmark.

- **Select**

Select a bookmark. Press **CENTER** to restore the selected bookmark settings.

- **Update**

Select a bookmark. Press the **CENTER** to replace the bookmark with the current player settings.

- **Delete**

Select a bookmark. Press **CENTER** to delete the selected bookmark.

Stopwatch

Use the stopwatch to keep track of time-sensitive events while listening to music.

- 1 Press **MENU**.
- 2 Select **Features**.
- 3 Select **Stopwatch**.
- 4 Press **CENTER**.

Lap statistics are displayed at the bottom of the Stopwatch screen. When a new lap is set, the difference, either faster (-) or slower (+) between new lap times and the average laptime is displayed for a few moments.

When in Stopwatch mode, the controls work in the following ways:

- **MENU**
Press to return to the Main Menu.
- **PLAY/PAUSE**
Press to start and stop the timer.
- **CENTER**
Press to set a lap time. Press and hold to return to single lap display. Multiple laps and lap averages will be lost.
- **STOP**
Press to reset timer.

Troubleshooting

Troubleshooting description.

- 1 Press **MENU**.
- 2 Select **Features**.
- 3 Select **Troubleshooting**.

Troubleshooting options include:

- **Rescan Music**
Selecting this option causes the player to rebuild the entire internal database of tracks. Because this process can take in excess of 5 minutes for around 3000 tracks, a confirmation dialogue must be displayed first, allowing the user to cancel if required. The user should only ever need to rebuild the internal database as a troubleshooting step.
- **Bad Tracks**
This option opens a window that displays tracks present on the player that are known to be erroneous in some way (e.g. corrupted). A brief description of each problem is also accessible from this window.

Lock Player

Select Lock Player to disable the Rio Carbon C's buttons (based on [Lock Setup](#) settings) and prevent accidental operation.

- 1 Press and hold **MENU** and **CENTER** at the same time, then release.
or
- 1 Press **MENU**.
- 2 Select **Lock Player**.

To exit Lock Player mode, press and hold **MENU** and **CENTER** at the same time, then release.

About

The About screen displays information about the Rio Carbon C. Information includes the total amount of memory on the Rio Carbon C, the amount of free memory, the number of tracks on the Rio Carbon C, and the Firmware version.

- 1 Press **MENU**.
- 2 Select **About**.
- 3 Select **Player** or **Storage**.
- 4 Press **CENTER**.

About options include:

- **Player**
Displays firmware version, copyright, and Rio website information.
- **Track**
Displays Title, Artist, Album, Genre, year, Track #, Duration, Comment, Codec, Bitrate, PCM Format, File Size, Date Loaded, Times Played, Last Played, and Autosynced information.
- **Storage**
Press **CENTER** to cycle through displays of memory usage graphic bar and memory usage (MB used/MB capacity), the total number of tracks, the total duration of all tracks, the number of playlists, and the number of personal files on the Rio Carbon C.

Rio Music Manager

- What is Rio Music Manager?**
- Installing Rio Music Manager**
- Copy CDs**
- Transfer Music to the Rio Carbon C**
- Create Playlists**
- Delete Tracks**

What is Rio Music Manager?

Rio Music Manager is an all-in-one solution that can rip, encode, and manage entire collections of digital audio tracks. Rio Music Manager provides the following capabilities:

- Save (Rip and Encode) audio CDs into compressed digital audio formats. Rio Music Manager encodes WMA files by default and MP3 via an optional upgrade pack.
- Automatically Synchronize the music collection on your computer with your Rio Carbon C.
- Edit ID3 Tags and WMA tags on digital audio tracks.
- Organize and manage digital audio tracks on your computer and your Rio Carbon C.
- Search for tracks on your computer and your Rio Carbon C.
- Create custom Playlists.
- Transfer tracks from your computer to your Rio Carbon C.

Complete Rio Music Manager instructions can be found using the Rio Music Manager Help menu.




Installing Rio Music Manager

Software found on the Rio installation disc should be installed on a computer before using the Rio Carbon C. Rio Music Manager should be installed on computers that use the Windows operating systems.

Follow these instructions to load Rio Music Manager onto your PC.

- 1 Place the installation CD label-side up into the computer's CD-ROM drive.
The Rio installation software launches automatically.
- 2 Click **Rio Music Manager INSTALL NOW** (required) and follow the on-screen instructions.
- 3 If prompted, reboot the computer when the installation is complete.

If the Rio installation software does not display automatically, follow these steps to begin the installation manually:

- 4 Double-click the **My Computer** icon, , on the Windows desktop or Start Menu.
- 5 Double-click the **CD-ROM** icon, .
- 6 Double-click the **Install** icon, .
- 7 Go to Step 2.

Copy CDs

Copying tracks from Audio CDs involves two steps commonly known as ripping and encoding. Ripping and encoding refers to the process of ripping (copying) audio from a CD and encoding (saving) the audio content into a compressed digital audio format like MP3 or WMA.

- 1 Launch Rio Music Manager.
- 2 Insert an Audio CD into your CD-ROM drive.
- 3 Click the CD-ROM icon, **ICON IMAGE**, on the Rio Music Manager Device List.
- 4 Use any of the following techniques to select tracks:

Track Type	Technique
Single track.	<ul style="list-style-type: none"> • Click the track.
Multiple tracks.	<ul style="list-style-type: none"> • Press SHIFT+Click or CTRL+Click.
All tracks.	<ul style="list-style-type: none"> • Press CTRL+A.
No tracks.	<ul style="list-style-type: none"> • Press CTRL+N.
Every track except for the currently selected tracks.	<ul style="list-style-type: none"> • Select Edit, Invert Selection.

- 5 Click _____ to begin copying tracks to your computer.

Transfer Music to the Rio Carbon C

There are many ways to transfer tracks onto your Rio Carbon C. You can transfer tracks to the Rio Carbon C using Rio Music Manager, Windows Explorer, or online music stores that download tracks directly to the player. Choosing which method is right for you is largely a matter of personal preference.

[Transfer Tracks using Rio Music Manager](#)

[Transfer Tracks using Windows Explorer](#)

[Transfer Tracks using Online Music Stores](#)

Transfer Tracks using Rio Music Manager

Transferring tracks from the PC to the Rio Carbon C with Rio Music Manager involves selecting tracks, then transferring them onto the Rio Carbon C.

- 1 Launch Rio Music Manager.
- 2 Click **My Music, ICON IMAGE**, in the left frame to access tracks. Rio Music Manager will scan your computer's music locations for digital audio files. Files are automatically categorized by album title and displayed in the Track List. Use the **Music Location** menu in Rio Music Manager (**Tools/Options/Music Location**) to add music locations for Rio Music Manager to scan.
- 3 Select tracks within a category of tracks. Categories include albums, artists, genres, songs, and playlists.
For example, if you wish to copy all tracks from a favorite artist onto the Rio Carbon C, click the **Artists** tab and then use any of the techniques in Step 4 to select the desired tracks.
- 4 Use any of the following techniques to select files:

Track Type	Technique
Single track.	<ul style="list-style-type: none"> Click the track.
Multiple tracks.	<ul style="list-style-type: none"> Press SHIFT+Click or CTRL+Click.
All tracks.	<ul style="list-style-type: none"> Press CTRL+A.
No tracks.	<ul style="list-style-type: none"> Press CTRL+N.
Every track except for the currently selected tracks.	<ul style="list-style-type: none"> Select Edit, Invert Selection.

- 5 After the tracks have been selected they can be copied to the Rio Carbon C by clicking .

Complete Rio Music Manager instructions can be found using the Rio Music Manager Help menu.

Transfer Tracks using Windows Explorer

Folders and files can be transferred to the Rio Carbon C using copy-and-paste and/or drag-and-drop techniques. These methods are excellent ways to transfer files to and from computers when using the Rio Carbon C as a portable storage device.

Any type of file can be transferred using these methods but to assure full functionality, Playlists and copy protected music using Digital Rights Management (DRM) should be transferred to the Rio Carbon C using Rio Music Manager or the applicable online music store manager.

Transferring tracks using Windows Explorer is slightly different depending on what Transfer Mode (see page X) the Rio Carbon C is set to use, either MTP or MSC.

[MTP mode transfers](#)

[MSC mode transfers](#)

MTP mode transfers

If Windows Media Player 10 and Windows XP Service Pack 1 (or greater) are installed on your computer, the Rio Carbon C will default to MTP mode functionality.

- 1 Connect the Rio Carbon C to a computer using the supplied USB cable.
- 2 Double-click **My Computer** on the Windows Desktop or in the Start Menu.
- 3 Locate MP3 or WMA audio files on the computer.
- 4 Select files and/or folders to transfer to the Rio Carbon C.
- 5 Click **Edit**.
- 6 Click **Copy**.
- 7 Double-click **My Computer** on the Windows Desktop or in the Start Menu to open another window.
- 8 In the new window, locate the device icon that is associated with the Rio Carbon C.
- 9 Double-click the Rio **Carbon C** icon.
- 10 Select a folder to add tracks to. In MTP mode, audio files must be placed into the folder called Media and all non-audio files must be placed into the folder called Data. The Media and Data folders are created automatically by the Rio Carbon C when in MTP mode.
- 11 Click **Edit**.
- 12 Click **Paste**.

When the Rio Carbon C is in MTP mode (or Auto mode on Windows XP systems with SP1 (or greater) and WMP10 installed), hidden files on the Rio Carbon C cannot be viewed using Windows Explorer, transfers cannot be made to the root Rio Carbon C directory using Windows Explorer, and new folders cannot be created using Windows Explorer. Folders can be transferred to the Rio Carbon C using drag-and-drop and copy-and-paste methods.

MSC mode transfers

If your computer does not have Windows Media Player 10 and Service Pack 1 (or greater) installed, the Rio Carbon C will default to MSC mode functionality.

- 1 Connect the Rio Carbon C to a computer using the supplied USB cable.
- 2 Double-click **My Computer** on the Windows Desktop or in the Start Menu.
- 3 Locate MP3 or WMA audio files on the computer.
- 4 Select files and/or folders to transfer to the Rio Carbon C.
- 5 Click **Edit**.
- 6 Click **Copy**.
- 7 Double-click **My Computer** on the Windows Desktop or in the Start Menu to open another window.
- 8 In the new window, locate the device icon that is associated with the Rio Carbon C.
- 9 Double-click the **Rio Carbon C** icon.
- 10 Select a folder to add tracks to.
- 11 Click **Edit**.
- 12 Click **Paste**.

NOTE: Playlists on your computer can be transferred to the Rio Carbon C just like audio tracks. When a playlist is transferred to the Rio Carbon C, all of the tracks listed in the playlist are also transferred to the Rio Carbon C.

Transfer Tracks using Online Music Stores

Most online music stores provide their own unique and proprietary download managers that you can use to transfer tracks to your computer and your Rio Carbon C.

Some online music stores require that you use their download manager.

Please contact the applicable online music store for information on how to use their download manager to transfer tracks to your Rio Carbon C.

Create Playlists

Custom playlists can be created for later playback on both your computer and your Rio Carbon C.

[Creating a playlist on your computer](#)

[Creating a playlist on your Rio Carbon C](#)

Creating a playlist on your computer

- 1 Launch Rio Music Manager.
- 2 Click **My Music** , **ICON IMAGE**, in the left frame to access the tracks on your computer.
- 3 Select tracks to add to a playlist.
- 4 Use any of the following techniques to select tracks:

Track Type	Technique
Single track.	<ul style="list-style-type: none"> • Click the track.
Multiple tracks.	<ul style="list-style-type: none"> • Press SHIFT+Click or CTRL+Click.
All tracks.	<ul style="list-style-type: none"> • Press CTRL+A.
No tracks.	<ul style="list-style-type: none"> • Press CTRL+N.
Every track except for the currently selected tracks.	<ul style="list-style-type: none"> • Select Edit, Invert Selection.

- 5 Right-click a highlighted track.
- 6 Click **Add to playlist...**
- 7 Click **New Playlist**.
- 8 Enter a playlist name.
- 9 Click **OK**.
- 10 Click **OK**.

NOTE: Tracks can also be deleted directly from the folders on the Rio Carbon C by using Windows Explorer.

Creating a playlist on your Rio Carbon C

- 1 Launch Rio Music Manager.
- 2 Click **Rio Carbon C** , **ICON IMAGE**, in the left frame to access the tracks on your Rio Carbon C.
- 3 Select tracks to add to a playlist.
- 4 Use any of the following techniques to select tracks:

Track Type	Technique
Single track.	<ul style="list-style-type: none"> • Click the track.
Multiple tracks.	<ul style="list-style-type: none"> • Press SHIFT+Click or CTRL+Click.
All tracks.	<ul style="list-style-type: none"> • Press CTRL+A.
No tracks.	<ul style="list-style-type: none"> • Press CTRL+N.
Every track except for the currently selected tracks.	<ul style="list-style-type: none"> • Select Edit, Invert Selection.

- 5 Right-click a highlighted track.
- 6 Click **Add to playlist...**
- 7 Click **New Playlist**.
- 8 Enter a playlist name.
- 9 Click **OK**.
- 10 Click **OK**.

Delete Tracks

You can use Rio Music Manager to delete tracks located on your Rio Carbon C.

- 1 Launch Rio Music Manager.
- 2 Click Rio Carbon C, **ICON IMAGE**, in the left frame to access the tracks on the Rio Carbon C.
- 3 Select tracks within a category of tracks. Categories include Albums, Artists, Genres, Songs, and Playlists.

For example, if you wish to copy all tracks from a favorite artist onto the player, click the Artists tab and then use any of the techniques in Step 4 to select the desired tracks.

- 4 Use any of the following techniques to select tracks:

Track Type	Technique
Single track.	<ul style="list-style-type: none"> • Click the track.
Multiple tracks.	<ul style="list-style-type: none"> • Press SHIFT+Click or CTRL+Click.
All tracks.	<ul style="list-style-type: none"> • Press CTRL+A.
No tracks.	<ul style="list-style-type: none"> • Press CTRL+N.
Every track except for the currently selected tracks.	<ul style="list-style-type: none"> • Select Edit, Invert Selection.

4. Click the delete icon, **ICON IMAGE**.

Help

Customer Service Information
Frequently Asked Questions
ECC, FCC, and Industry Canada
Compliance
IMPORTANT SAFETY
INSTRUCTIONS

Customer Service Information

The FAQs below will help you solve common issues with your player. If you do not find the answers you need here, you can contact our Customer Service Department via any of the following methods:

Web: www.rioaudio.com/support

Technical Support Telephone (United States): (254) 299-2759

Technical Support Telephone (United Kingdom): 0207-744-0802

Technical Support Telephone (Canada): (905) 305-6565

Customer Sales/Presales (United States): (866) 286-3662

Customer Sales/Presales (United Kingdom): 0207-744-0802

Customer Sales/Presales (Canada): (905) 305-6565

With every Rio product you receive the following support services:

Unlimited access to the Rio web-based technical information resources, available 24 hours a day, every day, at <http://www.rioaudio.com/support>. Here you will find FAQ files, product updates, and other useful information.

Unlimited e-mail support for the duration of your Rio product hardware warranty period.

Access to the latest software updates and enhancements for Rio products via our website.

Frequently Asked Questions

Music

- **What type of files can I play with the Rio Carbon C?**

The Rio Carbon C can play MP3, WMA, and Audible #2 and #3 format files.

- **Can I add MP3 and WMA files to the player at the same time?**

Yes. You can play MP3 and WMA audio content. They can be mixed together.

- **What are the differences between MP3 and WMA files?**

Because WMA's use a lower bitrate than equivalent MP3's they are generally half as large as MP3 files and you can store more music in less space on CDs, hard drives, or the Rio Carbon C.

- **How much music can I store on the Rio Carbon C?**

The amount of music that can be stored on the Rio Carbon C depends on the bitrate of the files stored. The About menu lists the total amount of space, the amount of free space, and the number of tracks on the Rio Carbon C.

- **Will the Rio Carbon C play Variable Bitrate (VBR) files?**

Yes. Because there are many standards for VBR files, it cannot be guaranteed that every encoding software package will properly function with the Rio Carbon C. VBR files that do not comply to standards may lack track time, fast forward, and/or rewind capabilities.

- **Why won't the Rio Carbon C play PlaysForSure Audio Download, PlaysForSure Audio Subscription, or other DRM (digital rights management) encoded files?**

DRM files may not work properly if the Rio Carbon C's internal clock is no longer accurate. This can happen if the rechargeable batteries lose all charge for any period of time. Make sure the batteries are fully charged, then follow these steps:

- 1 Connect the Rio Carbon C to the computer using the USB cable.
- 2 Transfer any track to the player using Rio Music Manager.
- 3 Connect to the secure service where the DRM encoded files came from.

The Rio Carbon C's clock should now be in sync with your computer's clock and DRM files should play correctly.

- **Why can't I transfer PlaysForSure subscription service tracks to my Rio Carbon C?**

When in MSC mode, PlaysForSure subscription service tracks cannot be transferred to the Rio Carbon C. Change the Transfer Mode settings to put the Rio Carbon C in MTP mode.

Battery

- **What kind of batteries can I use with the Rio Carbon C?**

The Rio Carbon C uses a non-removable rechargeable lithium-ion battery.

- **Can I replace the battery in my Rio Carbon C?**

No.

- **Can I charge the Rio Carbon C's battery using the USB cable?**

Yes. Both USB-USB (Rio player to computer) and USB-AC (Rio player to power socket) connections will power and charge the Rio Carbon C.

- **Where is the battery indicator on my Rio Carbon C?**

The battery indicator on the Rio Carbon C is located in the top-right corner of the display. The segments in the battery icon show the remaining battery power. The illumination of all segments indicates a fully charged battery. Non-illuminated segments indicate a run down battery. The battery indicator blinks when less than 20% of the charge on the battery remains.

Hard Drive

- **The drive stops spinning during playback. Is this normal?**

Yes. It is normal for the drive to stop spinning during playback. Stopping the drive is part of the player's battery life management system. When the drive is stopped, the Rio Carbon C conserves power and plays tracks from a memory buffer.

Files

- **I can't find some pictures and work files I copied to my Rio Carbon C. Where are they?**
If in MTP mode, all non-audio files are placed into a folder called Data. The Media and Data folders are created automatically by the player when in MTP mode.

If in MSC mode, files remain in the folder they were originally transferred to.
- **When using Windows Explorer (i.e. My Computer) to navigate the files and folders on my Rio Carbon C, many folder options are missing. Why?**
The Rio Carbon C communicates with your computer differently in MTP mode than it does in MSC mode. When in MTP mode, the Rio Carbon C cannot display hidden files in folders, cannot allow transfers to the root Rio Carbon C directory, and cannot allow the creation of new folders. (Folders can be transferred to the Rio Carbon C using drag-and-drop and copy-and-paste methods.)

To use traditional folder options, change the Transfer Mode settings to put the Rio Carbon C in MSC mode.

Player-Computer Connections

- **Why does my Rio Carbon C experience errors after I unplug the USB cable?**

Removing your Rio Carbon C from a USB connection before Idle is displayed on the screen may result in a corrupting the player's file system. e.g. All tracks, although different, are assigned the same name; the player will not power off; etc.

- **What should I do if my Rio Carbon C is not detected by my computer?**

Verify that the USB cable is securely inserted into the USB port on both the Rio Carbon C and your computer.

- 1 Connect the USB cable to a USB port on the back of your computer rather than to a USB port on the front of your computer.
- 2 If using a USB hub, connect to a powered USB hub. Unpowered USB hubs may not work.
- 3 Connect the USB cable directly to your PC, bypassing any USB hubs.
- 4 Remove USB extension cables from the connection path.
- 5 Disconnect other USB devices.

- **My Rio Carbon C is in MTP mode but it is not being detected by Windows Explorer (My Computer) on my Windows XP system. What should I do?**

Both Windows XP Service Pack 1 (SP1) (or greater) and Windows Media Player 10 (WMP10) must be installed for your computer to detect a Rio Carbon C set in MTP mode.

If you do not want to install SP1 (or greater) and WMP10 on your computer you should disconnect the Rio Carbon C and change the Transfer Mode setting to MSC mode.

- **What should I do if my Rio Carbon C is not detected as a removable drive?**

If in MTP mode, the Rio Carbon C is detected as a portable device rather than a portable drive. The Rio Carbon C cannot be detected as a portable drive unless it is in MSC mode.

If in MSC mode, it is possible that a network drive is preventing the Rio Carbon C from being mapped properly. This is a known Microsoft problem and has been documented in their knowledge base as KB297694. To resolve this issue and detect the Rio Carbon C as a removable drive:

 - 1 Click **Start** on the Taskbar.
 - 2 Right-click **My Computer** on the Windows Desktop or in the Start Menu.
 - 3 Click **Manage**.
 - 4 Locate **Computer Management (Local)** and click **Disk Management**.
 - 5 Right-click the new drive.
 - 6 Click **Change Drive Letter and Path(s)**.
 - 7 Click **Change**.
 - 8 Use the drop-down box to select a drive letter for the new drive that is not assigned to a mapped network drive.
 - 9 Click **OK**.
 - 10 Click **OK**.
- **What should I do if my Rio Carbon C is not detected by Rio Music Manager?**

Your Rio Carbon C was designed to work with the version of Rio Music Manager that was included on the Installation CD. Previous versions of Rio Music Manager may not be able to detect your Rio Carbon C.
- **Why can't I use my computer to play tracks or open non-audio files located on my Rio Carbon C?**

You can use your computer to play tracks and open non-audio files located on your Rio Carbon C only when it is in MSC mode. Change the Transfer Mode settings to put the Rio Carbon C in MSC mode.

When in MTP mode, files located on your Rio Carbon C must be transferred to your computer before they can be opened.

Frozen Screen

- **What should I do if my Rio Carbon C will not power on (or off)?**

Follow these steps to power the Rio Carbon C on if it will not power on normally:

- 1 Confirm that the Rio Carbon C's battery have enough charge to power the player on. Connect the Rio Carbon C to your computer or to USB-AC and charge the player for five minutes.
- 2 Unplug the Rio Carbon C from the USB connection.
- 3 Reset the Rio Carbon C by sliding and holding **POWER** to the right for 10 seconds.

- **What should I do if the display permanently locks up, does not display, or displays UPGRADER?**

If you cannot read the display, the Rio Carbon C's firmware may be corrupted. Corrupted firmware may be caused by a failed firmware update. If the player's firmware becomes corrupted for any reason, follow these steps to start the player in Recovery Mode and proceed with the firmware update.

- 1 Reset the player by by sliding and holding **POWER** to the right for 10 seconds.
- 2 Press **POWER**. The player should power on as normal.

If the player continues to lock up or does not display properly:

- 1 Reset the player by sliding and holding **POWER** to the right for 10 seconds.
- 2 Press and hold **MENU + POWER** until **UPGRADER** is displayed on the screen.
- 3 Connect the Rio Carbon C player to the computer using the USB cable.
- 4 Proceed with the Firmware upgrade.

- **What should I do if my Rio Carbon C is stuck in to Recorder mode every time I turn it on?**

You should download and install the latest firmware onto the Rio Carbon C. If your Rio Carbon C is using the latest firmware, please reinstall it onto the Rio Carbon C.

Updates and Reformatting

- **Can I update the firmware on the Rio Carbon C?**

Yes. If available, firmware for your Rio Carbon C can be downloaded online.

NOTE: Quit all applications before running the firmware update. While running the firmware update, do not close the program, turn off the Rio Carbon C, or unplug the USB cable.

- **Downloading the update**

- 1 Visit **www.riofaudio.com/support**.
- 2 Click on the link to the Rio Carbon C.
- 3 Locate UPDATES and click **Firmware**.
- 4 Select and download the latest software.

- **Installing the update**

- 1 Connect the player to your computer with the USB cable.
- 2 Wait for **Idle** to be displayed on the player screen.
- 3 Double-click the file that you downloaded from the Rio website.
The update should take approximately 30 seconds to load.

- **Why would I ever want to reformat my Rio Carbon C?**

If for any reason you suspect that your Rio player's file system has been corrupted, reformatting the player will restore the file system to its original state.

- 1 Double-click **My Computer** on the Windows Desktop or in the Start Menu.
- 2 Locate the icon that is associated with the Rio Carbon C.
- 3 Right-click the **Rio Carbon C** icon.
- 4 Click **Format...**
- 5 Click Start

Reformatting your Rio player will result in the deletion of all tracks, settings, and hidden PlaysForSure Subscription Audio license files on the Rio Carbon C. Reformatting your Rio player will immediately cancel any transfers currently in progress.

ECC, FCC, and Industry Canada Compliance

Statement of Compliance

This product complies with Council Directive 89/336/EEC and Council Directive 72/23/EEC.

Federal Communications Commission

This device complies with Part 15 of the Federal Communications Commission (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.

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.

Industry Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

IMPORTANT SAFETY INSTRUCTIONS

Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions.

Do not use this apparatus near water.

Clean only with a dry cloth.

Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Do not defeat the safety purpose of the polarized-type plug: A polarized plug has two blades with one wider than the other. The wide blade is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched, particularly at the plug, convenience receptacle, and the point where they exit from the apparatus.

Only use attachments/accessories specified by the manufacturer.

Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Unplug this apparatus during lightening storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the when power-supply plug or cord is damaged, liquid has been spilled or objects have fallen onto the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the apparatus.

CAUTION

RISK OF EXPLOSION, DAMAGE OR BATTERY LEAKAGE IS POSSIBLE IF BATTERY IS REPLACED INCORRECTLY OR BY AN INCORRECT TYPE. NEVER ATTEMPT TO CHARGE A NON-RECHARGEABLE ALKALINE BATTERY. DISPOSE OF USED BATTERIES ACCORDING TO INSTRUCTIONS OR LOCAL LAWS.

Use of headphones while operating a vehicle is not recommended and is unlawful in some states and areas. Be careful and attentive while driving. Stop operation of the player if you find it disruptive or distracting while operating any type of equipment. Listening to music at full power over extended periods of time can be damaging to the hearing of the user.

