

RCA

USER'S
GUIDE



LYRa

RD2201/RD2204

Important Safety Information

Be sure to read all the safety information before you begin to use this product.

WARNING: To reduce the risk of fire or shock hazard, do not expose this player to rain or moisture.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



This symbol indicates “dangerous voltage” inside the product that presents a risk of electric shock or personal injury.

ATTENTION
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR



This symbol indicates important instructions accompanying the product.

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

FEDERAL COMMUNICATIONS COMMISSION INFORMATION

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 or 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 the 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.

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

SERVICE

This product should be serviced only by those specially trained in appropriate servicing techniques. For instructions on how to obtain service, refer to the warranty in this guide.

Attach your sales receipt for future reference, or write down the date you purchased or received this product as a gift. This information will be valuable if service should be required during the warranty period.

Model No: _____

Serial No: _____

Purchase Date: _____

Purchased From: _____

Introduction

Your Lyra personal digital player is designed to give you hours of listening pleasure. To get the most out of your new purchase, we suggest that you take a few minutes right now to read through this instruction manual.

If you have any questions or problems, consult the Troubleshooting Guide or log onto www.lyrazone.com for help and recent updates.

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*CompactFlash is a trademark of SanDisk Corporation

Important Information

The Lyra works with your computer to let you play your favorite music from files recorded on removable CompactFlash* memory cards. The player plays files encoded with the popular MP3 and Real Networks G2** audio formats and may allow for future upgrades of some alternative audio compression formats.

Because the player has no moving parts, the audio can be played back virtually anywhere without skipping.

You can download MP3 and G2 encoded music files from several internet sites to your computer hard drive or record your favorite CD using the software supplied.

Some of the internet sites you may want to explore are:

- www.real.com
- www.mpeg.org
- www.mp3.com
- www.goodnoise.com

Computer System Requirements

Minimum	Optimum
<ul style="list-style-type: none">• Pentium 166 MHz or faster• 32MB RAM• Windows 95/98/NT• 4 MB free hard disk space plus 1 MB for every minute of CD quality music you store on your hard drive.• CD-ROM Drive• 256 Color, Mouse• Parallel Port• Full Duplex Sound Card	<ul style="list-style-type: none">• Pentium II 300MHz• 64MB RAM• Windows 95/98/NT• 4 MB free hard disk space plus 1 MB for every minute of CD quality music you store on your hard drive.• CD-ROM Drive• 256 Color, Mouse• Parallel Port• Full Duplex Sound Card

Warning

Use of this product is for your personal use only. Copying CDs or downloading music files for sale or other business purpose is a violation of copyright law. It is also a violation of copyright law to download files without permission of the copyright owner.

Caution While Driving

Use of headphones while operating an automobile or moving vehicle is not recommended and is unlawful in some states and areas. Be careful and attentive on the road. Stop operation of the unit if you find it disruptive or distracting while driving.

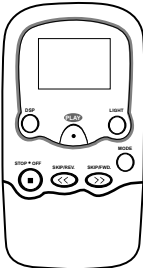
*CompactFlash is a trademark of SanDisk Corporation

**G2 is a trademark of Real Networks Corporation

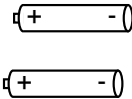
Getting Started

1. Unpack the player and accessories.

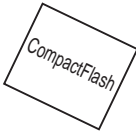
When you unpack your new player, be sure you have removed all the accessories and information papers. The items shown below are packed with your player.



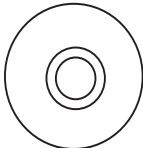
Multi-Media Player with Removable Belt Clip



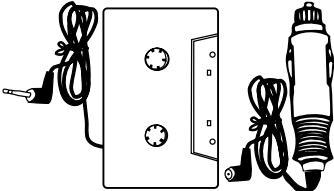
"AA" Alkaline Batteries



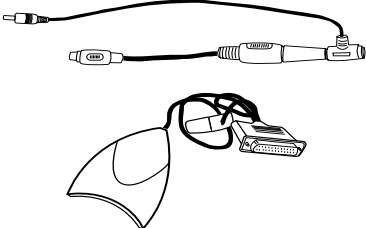
CompactFlash Removable Memory Card



Music Management Software



Model RD2204 Only: Car Conversion Kit



CompactFlash External Drive with Cables and Adapters

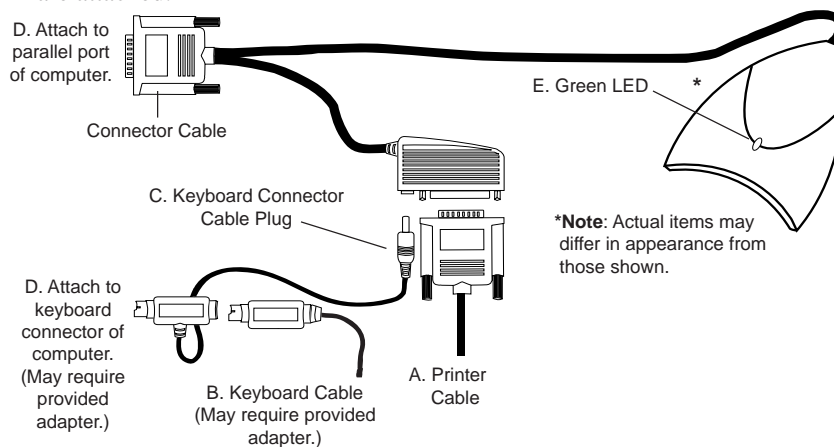


Headphone

Getting Started

2. Connect the CompactFlash™ external drive.

The external drive allows you to transfer MP3 or G2 encoded files to the CompactFlash* card. Attach it to the parallel port of your computer. The external drive cables have passthrough connectors and adapters so you can attach the CompactFlash* drive at the same time your printer and keyboard are attached.



- A. Turn off your computer. If you have a printer cable (or other device) attached to your parallel port, remove it and attach it to the passthrough on the connector cable provided.
- B. Remove the keyboard cable from the computer and attach it to the passthrough on the keyboard connector cable. If necessary use the adapter provided.
- C. Insert the plug on the keyboard connector cable to the jack on the parallel port connector cable *as shown*.
- D. Attach the parallel port and keyboard connector cables to your computer.

Notes: Most printers will not print any differently connected to the passthrough. In some cases, printing may be delayed or aborted (depending on the system) if printing takes place at the same time you are using the drive.

Most other devices are fully compatible when connected to the passthrough. In a few cases, some may lose some functionality.

Consult your computer or device's owner manual for troubleshooting.

- E. Turn on your computer. The green light on the external drive will light if it is properly connected.

*CompactFlash is a trademark of SanDisk Corporation

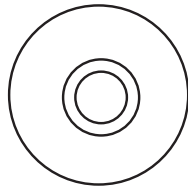
Getting Started

3. Install the Music Management software.

Install the music management software on your computer so you can compress audio files from your CDs to MP3 or G2 (Real Network) format or download already compressed files from the internet. Use this software to transfer MP3 or G2 files to the CompactFlash card so you can play them on your player.

This software also operates as a Virtual Audio Player on your PC.

- A. After you attach the external drive *as described on the previous page*, turn on and boot your computer.
- B. After the computer has booted, insert the music management CD into your CD ROM drive.



The installation program should launch automatically if your computer is set to “auto-play”.

- If the program does not launch, go under “My Computer”, double-click the letter of your CD-ROM drive (usually D), and then double-click setup.exe.
- C. Follow the directions on the screen to install the program on your computer.

The software has on-screen instructions and a help guide.

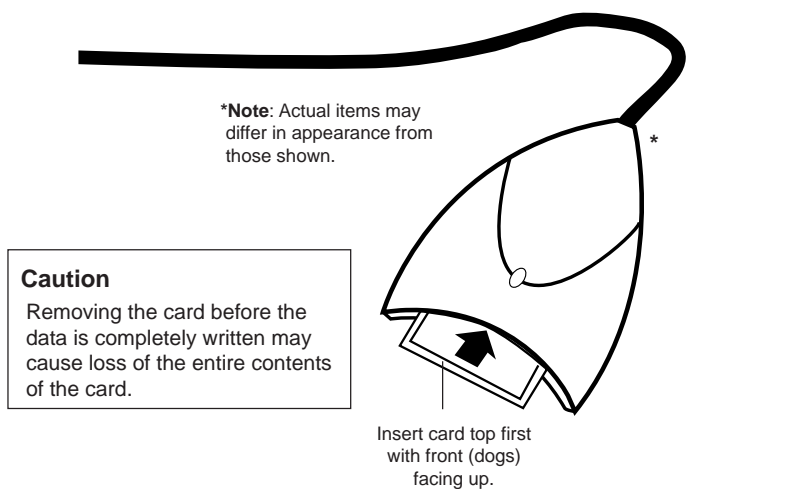
4. Create and download compressed digital music for use in your Lyra.

Refer to the help screen from the Real Jukebox software to create and download music files.

Getting Started

5. Transfer the audio files to the CompactFlash™ Card.

Use the music management software to transfer music files to the removable storage card so you can take the music with you anywhere.



- A. Insert the removable CompactFlash card into the external drive *as shown*. You will hear a beep and a removable disk icon appears on PC's desktop.

Note: The card will now operate the same as a floppy drive. The same drag and drop or copy methods will apply.

- B. Transfer the files to the card using the music management software.

Notes: Transfer all your MP3 or G2 files in groups to prevent reloading the appropriate driver for each type.

The player's file system will access files on the card up to two layers deep (root directory and two levels of sub-directories below that).

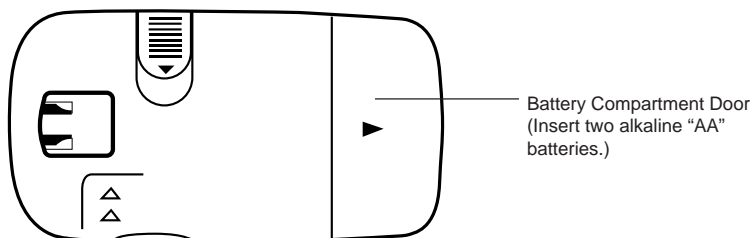
The player will access up to 99 directories with 99 sub-directories containing 99 files in each directory.

The drive can also be used to transfer files from digital cameras using CompactFlash cards to the PC or store files from the PC on CompactFlash cards.

- C. Pull the card to remove it from the external drive.

Getting Started

6. Insert the alkaline batteries into the player.




Before you can use the player, you must insert two alkaline "AA" batteries.

- Slide the battery compartment door in the direction of the arrow and lift up.
- Insert the batteries into the battery compartment making sure the polarities (+ and -) are aligned correctly with the + and - markings in the compartment.

- Close the door to the battery compartment.

Low Battery Indicator ()

The low battery indicator appears in the LCD display when the batteries are getting low. Replace the batteries.

```
Fire and Snow-Jo  
di Ward  
  
NORMAL          128K  
Trk=03   FLAT  
                    1:38
```

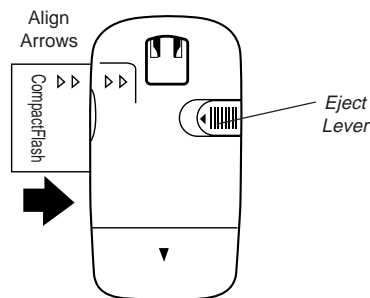
Important Battery Notes

- For best results use Duracell ULTRA AA (MX1500) batteries.
- Remove the batteries from the player if you are not going to use it for a month or more. The batteries may leak and cause damage to the player.
- Dispose of the used batteries in the proper manner according to federal, state, and local regulations.
- Batteries may leak electrolyte if mixed with a different battery type, if inserted incorrectly, if not all replaced at the same time, if disposed of in fire, or if an attempt is made to charge a battery not intended to be charged.
- Discard any leaky battery immediately. Leaking batteries can cause skin burns or other personal injury.
- Consult battery manufacturer for any damage caused by leaky batteries.

Getting Started

7. Insert the CompactFlash card in the player.

Before you can use the player, you must insert the removable card containing the desired MP3 or G2 format music files into the player.



- A. Align the arrows on the front of the card to the arrows on the back of the player. Insert the card top first into the player with the front of the card facing the back of the player *as shown*. Make sure the card is inserted fully into the player.

Note: To remove the card from the player, turn off the player and slide the eject lever on the back of the player with your thumb.

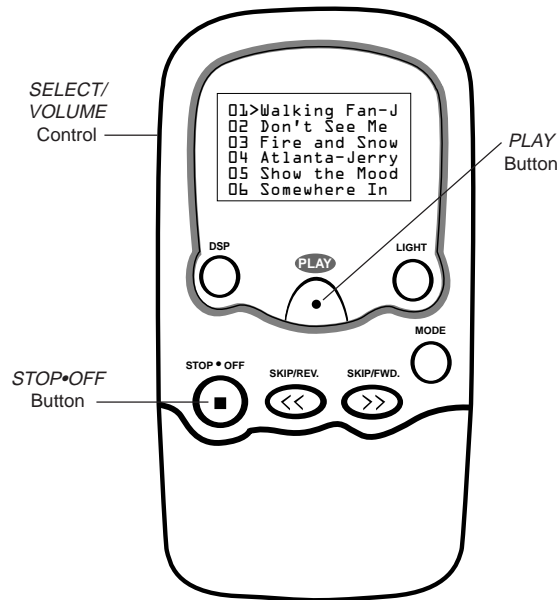
8. Attach the headphones to the player.



Insert the plug on the headphone cable into the headphone jack on the top of the player. Place the headphones on your head and adjust them to fit your head.

Getting Started

9. Play the CompactFlash card.

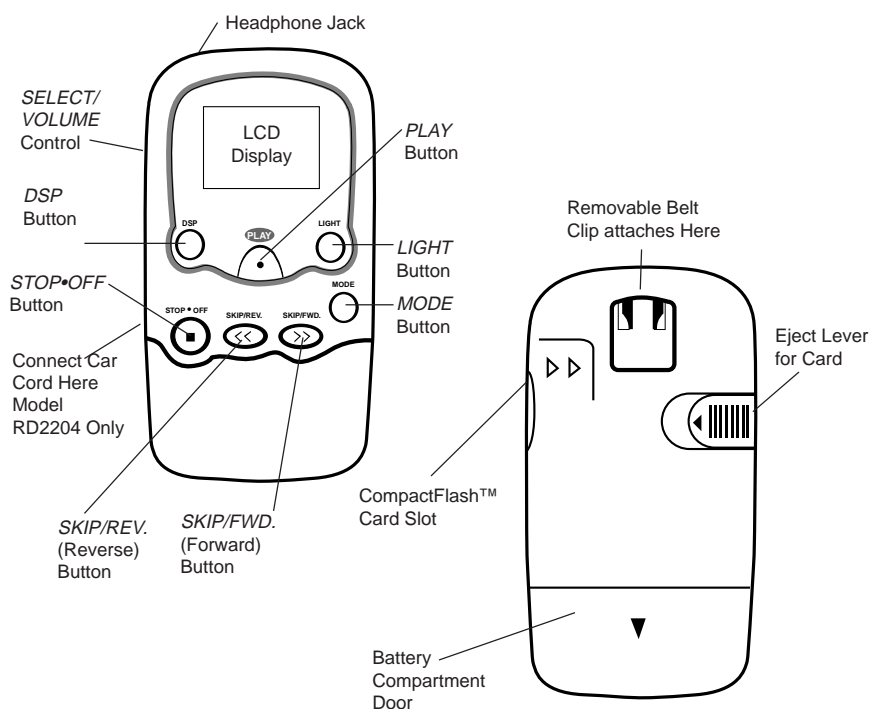


- A. Press *PLAY* to start playing the first track.
- Adjust the volume by turning the *SELECT/VOLUME* control on the side of the player.
 - Press *PLAY* while the player is playing to pause the player.
 - Press *STOP•OFF* while the player is playing to place the player in the stop mode.
- Note:** The player will enter a sleep mode to conserve battery power when there has been no activity in the stop or pause mode for approximately one minute.
- Use the player's special features described in the *Player Features* section.
- B. When you are finished, press *STOP•OFF* twice to turn off the player and conserve battery power.
- Note:** The next time you press *PLAY*, the player will start playing the first file of the first directory.

Player Features

Controls

A brief description of the player's controls is given below. Detailed descriptions of each feature are on the following pages.



DSP (Digital Signal Processor) Button

Press to select a *DSP* mode (*FLAT*, *BASS BOOST*, *ROCK*, *POP*, *JAZZ*, or *EQ* (equalizer)). The equalizer lets you cycle through five frequency bands and adjust the gain of the selected band for your personal preference.

Battery Compartment Door

Open door by sliding in direction of arrow and lifting. Insert

batteries making sure polarities (+ and -) are aligned correctly.

Belt Clip (Removable)

The removable belt clip attaches here.

Contrast Adjustment

You can adjust the contrast between the light and dark images in the LCD display. Press the *MODE* button twice to display the contrast feature. Use the *SELECT/VOLUME* control to adjust the contrast. Press *MODE* or *STOP* to remove the display.

Player Features

Card Slot

Insert the removable memory card here top first with front of card facing back of player.

Eject Lever

Slide this lever in the direction of the arrow to remove the card from the player.

Headphone Jack

Insert the plug from the headphone in this jack on the top of the player.

LIGHT Button

Press to turn the light on and off in the LCD panel.

MODE Button

Press to select a playback mode (*NORMAL*, *REPEAT 1*, *REPEAT ALL*, *SHUFFLE*, *REPEAT ALL SHUFFLE*, *PROGRAM*, or *REPEAT ALL PROGRAM*).

PLAY Button (Also Pause Button)

- **Player Off:** Press once to turn on the player. Press again to start playback.
- **Player Playing:** Press to place the player in the pause mode. Press again to return to playback.

SELECT/VOLUME Control

- **Player Playing:** Rotate to turn the volume up or down.
- **Player Stopped:** Rotate up or down to move the cursor to an item. Press this control in to select the item for playing, add the item to a program, or open a directory.

- **Player with Equalizer**

Displayed: Rotate to adjust the gain of a selected frequency band. The band is selected with *SKIP/FWD.* or *SKIP/REV.*

SKIP/FWD. Button

- **Player Playing:** Press to skip to the next track.
- **Player Stopped:** Press to move the cursor forward to an item.
- **Player with Equalizer**
Displayed: Press to cycle through the five frequency bands of the equalizer. You can adjust the gain of the selected band with the *SELECT/VOLUME* control.

SKIP/REV. Button

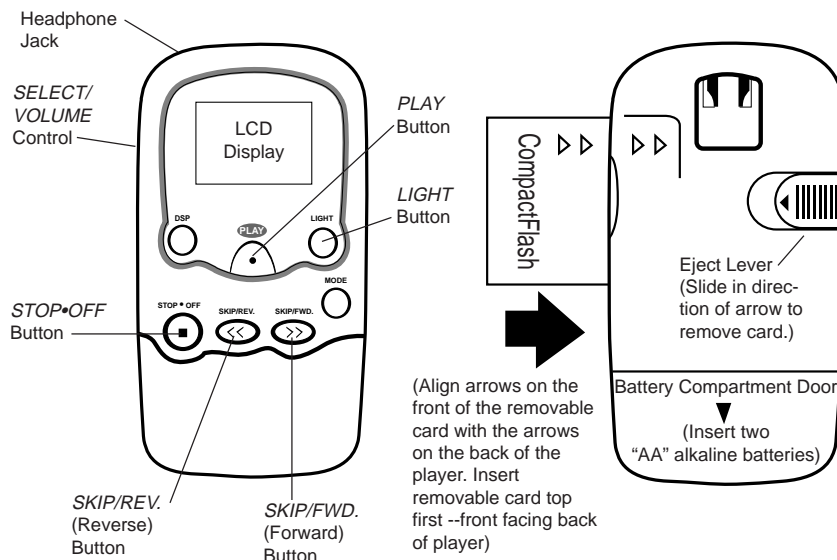
- **Player Playing:** Press to skip back to the last track.
- **Player Stopped:** Press to move the cursor back to an item.
- **Player with Equalizer**
Displayed: Press to cycle through the five frequency bands of the equalizer. You can adjust the gain of the selected band with the *SELECT/VOLUME* control.

STOP•OFF Button

- **Player Playing:** Press to place the player in the stop mode.
- **Player Stopped:** Press to turn off the player.

Player Features

Playing a CompactFlash Card



1. Make sure batteries are installed in the player.
2. Insert the plug on the headphone cable into the headphone jack on the top of the player.
3. Insert the card encoded with MP3 or G2 format music files. Make sure to fully insert the card.
4. Press *PLAY* to turn on the player. A list of the song tracks (or folders) appears in the display.
5. If you cannot see the display, press *LIGHT* to turn on the light in the LCD display.
Note: The light will automatically time out after a few seconds if no buttons are pressed.
6. Press *PLAY* again to start playing the first track in the list. Detailed information about the track that is playing appears in the LCD display.

```

01>Walking Fan-J
02 Don't See Me
03 Fire and Snow
04 Atlanta-Jerry
  Somewhere
  
```

```

Fire and Snow-Jo
di Ward

NORMAL          128K
Trk=03          FLAT
                  1:38
  
```

Player Features

The name of the song, the artist, the playback mode selected, the DSP mode selected, the number of the track playing, and the elapsed playing time of the track appear.

Note: The *Volume*, data rate and battery indicators may also appear.

- To play a different track when the player is stopped: Press *SKIP/FWD.* or *SKIP/REV.* or rotate the *SELECT/VOLUME* control to move the cursor down or up the list.

```
01 Walking Fan-J
02 Don't See Me
03>Fire and Snow
04 Atlanta-Jerry
  [ ] Somewhere
```

To select that track, press **in** the *SELECT/VOLUME* control.

Note: To play the next or previous track while the player is playing, press *SKIP/FWD.* or *SKIP/REV.*

- To open the folder while the player is stopped: Place the cursor next to the folder.

```
01 Walking Fan-J
02 Don't See Me
03 Fire and Snow
04 Atlanta-Jerry
05 Show the Mood
  [ ]>Somewhere
```

Press the *SELECT/VOLUME* control in. To exit the folder,

place the cursor on the top line of the display and press *SELECT/VOLUME* in.

- During playback, use the playback features *on the following pages.*
7. During playback, adjust the volume by rotating the *SELECT/VOLUME* control up or down. The *Volume* level selected appears in the display.

```
Fire and Snow-Jo
di Ward
NORMAL          128K
Volume=30      FLAT
■■■■■■■■■■■■■■■■
```

Cautions

Do not play your headset at a high volume.

Hearing experts advise against continuous extended play.

If you experience a ringing in your ears, reduce the volume or discontinue use.

Do not use the headphones while operating a motorized vehicle or bicycle. It may create a traffic hazard and is illegal in many areas.

Use extreme caution or temporarily discontinue use in potentially hazardous situations.

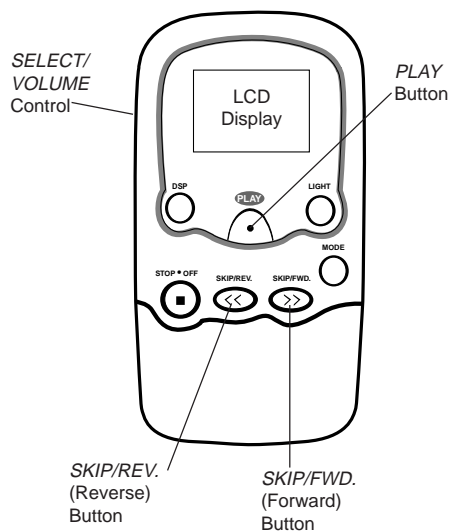
8. Press *STOP•OFF* to place the player in the stop mode.

Note: After approximately one minute, the player will enter the sleep mode to conserve batteries.

9. Press *STOP•OFF* **again** to turn off the player.

Player Features

Playback Features



Pause Feature

During playback, you can pause the player and mute the volume.

- Press *PLAY* during playback to pause the player.
Note: If the player is left in pause for approximately one minute, it will enter the sleep mode. Press *PLAY* to activate the auto resume feature.
- Press *PLAY* again to resume playback.

Auto Resume Feature

The player will automatically enter the sleep mode if it remains in pause for approximately one minute. The player will retain the following information if the same card remains in the player.

- Play mode selected
- Repeat mode selected
- Track play list
- Volume control setting
- Last track played information
- DSP and equalizer settings

Press *PLAY* to resume playback from the point the player was paused.

Player Features

Skip and Search Features

Skip Feature

When the file list is displayed, *SKIP/FWD.* and *SKIP/REV.* or the *SELECT/VOLUME* control allow you to select which track to play using the file list.

- Press *SKIP/FWD.* to move the cursor down the list.
- Press *SKIP/REV.* to move up the list.

Note: If you search beyond the last track, the cursor will return to the first track.

Press *PLAY* to play the selected track.

During playback or pause, press and release *SKIP/FWD.* or *SKIP/REV.* to skip to the next or previous track.

- Press *SKIP/FWD.* to skip to the next track.
- Press *SKIP/REV.* to skip to the beginning of the current track being played. Press again to skip to the previous track.

Note: If you skip the last track, you will return to the first track in the list.

Search Feature

During playback and pause, *SKIP/FWD.* and *SKIP/REV.* allow you to audibly search through the tracks at a faster speed.

- During playback or pause, press **and hold** *SKIP/FWD.* to search forward at a faster speed.
- During playback or pause, press **and hold** *SKIP/REV.* to search in reverse at a faster speed.

Notes:

If you search forward during the *REPEAT ALL* mode past the final track, the player will start playing.

If you search in reverse beyond the beginning of the first track, the player will start playing.

If *REPEAT 1* is activated and you search in reverse beyond the beginning of the track, the player will start playing that track.

Scroll Feature

When the player is stopped, you can scroll down the list of tracks (or folders) by rotating the *SELECT/VOLUME* control up or down.

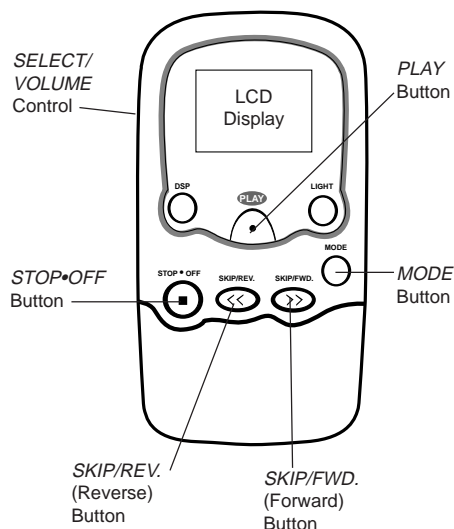
Note: The player scrolls from the last track in the list back to the first track in the list.

1. Place the player in the stop mode.
2. Rotate the *SELECT/VOLUME* control up or down to scroll through the list of tracks (or folders) available on the card inserted in the player.
3. Rotate and hold the *SELECT/VOLUME* control up or down for more than one second for continuous page up or page down.

Player Features

MODE Menu

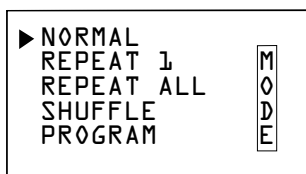
You can use the *MODE* menu to select several playback features (*REPEAT 1*, *REPEAT ALL*, *SHUFFLE*, *REPEAT ALL SHUFFLE*, *PROGRAM*, and *REPEAT ALL PROGRAM*). These are described on the next two pages.



- Select *REPEAT ALL* to play all the tracks over and over.
 - Select *SHUFFLE* to randomly shuffle up to 20 tracks, then stop.
 - Select *REPEAT ALL SHUFFLE* to have the tracks shuffled and repeated over and over.
- Note:** A cursor will appear before *REPEAT ALL* and *SHUFFLE*.
3. Press the *SELECT/VOLUME* control **in** to select the mode or the player will select the mode next to the cursor after five seconds.

Repeat and Shuffle Features

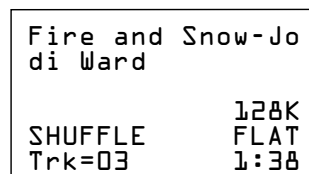
1. Place the player in the stop mode, and press *MODE* to display the *MODE* menu.



2. Press *SKIP/FWD.* or rotate the *SELECT/VOLUME* control to move the cursor to the feature you want to select.
 - Select *REPEAT 1* to repeat one track over and over.

Notes: Pressing *PLAY* also starts the player playing with the selected feature.

When the player is playing, you can cycle through the playback modes by pressing *MODE*. The mode selected appears in the display.



Player Features

Program Feature

1. Display the *MODE* menu, and press *SKIP/FWD.* to move the cursor to *PROGRAM*.

```
NORMAL
REPEAT 1
REPEAT ALL
SHUFFLE
▶PROGRAM  M
                                O
                                D
                                E
```

2. Press the *SELECT/VOLUME* control **in** to display the list.

```
01 Walking Fan-J
02 Don't See Me
03>Fire and Snow
04 Atlanta-Jerry
05 Show the Mood
06 Somewhere In
```

Press *SKIP/FWD.*, *SKIP/REV.* or rotate the *SELECT/VOLUME* up or down to move the cursor to the first track you want in your program. Press *SELECT/VOLUME in* to select a track. A program mark appears in front of the selected track.

Notes: To select tracks from a folder, press the *SELECT/VOLUME* control **in** to open the folder. Mark the tracks you want to play with a program mark.

To remove a track from the program, move the cursor to the track and press **in** the *SELECT/VOLUME* control.

3. Continue to mark the tracks in the order you want them to play (up to 20 total).

Note: If you try to select more than 20 tracks, the message *MEMORY FULL* appears.

4. Press *PLAY* to start the program playing.

```
Fire and Snow-Jo
di Ward

PROGRAM          128K
Trk=03           FLAT
                  1:38
```

5. Press *MODE* to select *PROGRAM REP* to have the program keep repeating over and over.

```
Fire and Snow-Jo
di Ward

PROGRAM REP      128K
Trk=03           FLAT
                  1:38
```

6. Press *PLAY* to pause the program. Press *STOP•OFF* to stop the program.

To Clear Programs from Memory

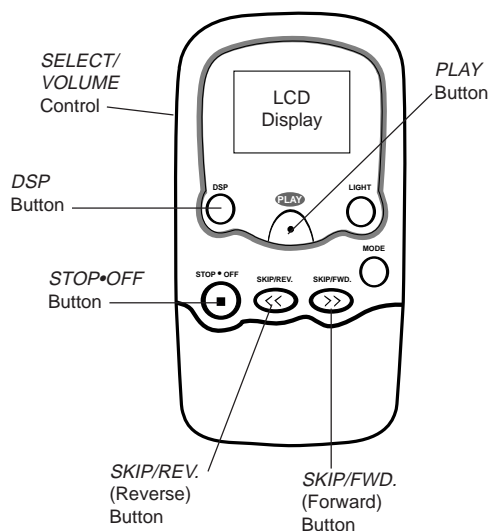
1. Press *STOP*.
2. Press *MODE*.
3. Press *PROGRAM*.
4. Press *SELECT*.
5. Press *STOP*.

A message will appear and ask if you want to clear all programs.

Player Features

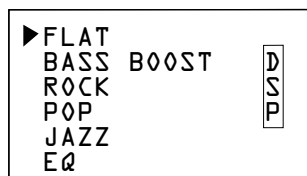
DSP (Digital Signal Processor) Menu

You can use the *DSP* menu to select several DSP modes (*FLAT*, *BASS BOOST*, *ROCK*, *POP*, *JAZZ*) or adjust the equalizer (*EQ*).



DSP Modes

1. Place the player in the stop mode, and press *DSP* to display the *DSP* menu. You can select *FLAT*, *BASS BOOST*, *ROCK*, *POP*, *JAZZ*, or use the equalizer (*EQ*) to personally adjust the sound.



2. Press *SKIP/FWD.* or *SKIP/REV.* to move the cursor to *FLAT*, *BASS BOOST*, *ROCK*, *POP*, or *JAZZ*.

Player Features

Note: If you select *EQ* (equalizer), the equalizer menu appears.

3. Press the *SELECT/VOLUME* control **in** to select the *DSP* feature. The player returns to the file list.

Notes: Pressing *PLAY* also starts the player playing with the selected feature.

When the player is playing, you can cycle through the playback modes by pressing *DSP*. The mode selected appears on the display.

```

Ice and Snow-Joe
Jones

NORMAL          128K
Trk=03          POP
                  1:38
    
```

Equalizer Feature

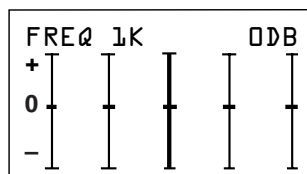
1. Display the *DSP* menu, and press *SKIP/FWD.* to move the cursor to *EQ* (equalizer).

```

FLAT
BASS BOOST
ROCK
POP
JAZZ
▶EQ
    
```

2. Press the *SELECT/VOLUME* control **in** to display the equalizer.

Note: If you wait one second, the player will automatically display the equalizer.



- Press *SKIP/FWD.* or *SKIP/REV.* to select one of the five frequency bands (60, 240, 1k, 4k, and 12k).
- Rotate the *SELECT/VOLUME* control up or down to adjust the band (+15dB to -15dB).

Note: Press the *SELECT/VOLUME* control **in** to reset the band to 0.

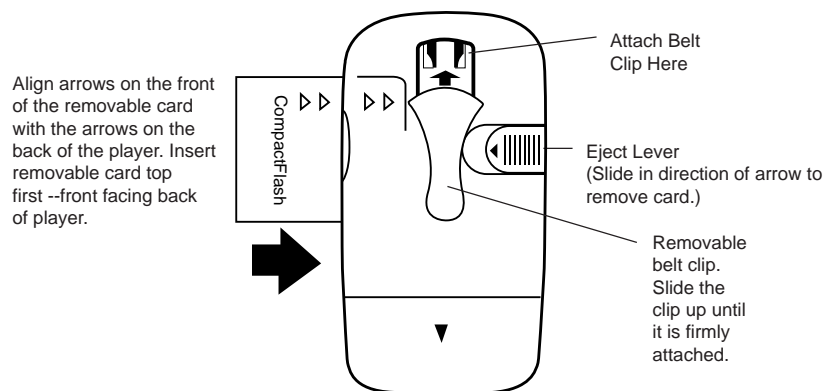
3. Press *PLAY* to start playback with the adjustments you have selected.

```

Ice and Snow-Joe
Jones

NORMAL          128K
Trk=03          EQ
                  1:38
    
```

Included Accessories



CompactFlash Memory Cards

The player uses Type I and II CompactFlash (or optional IBM Microdrives) memory cards. Make sure you use only these cards. Use of the wrong card could damage your player or external hard drive. We recommend the use of RCA memory cards available from your local dealer or by phone order on *page 22*.

The cards can be used over and over again. Just download the new audio over the old audio.

Model RD2201 comes with a 32MB CompactFlash memory card. The 32MB card provides approximately 64 minutes of MP3 encoded audio at a bitrate of 64Kbps.

Model RD2204 comes with a 64MB CompactFlash memory card. The 64MB card provides approximately 128 minutes of MP3 encoded audio at a bitrate of 64Kbps.

Inserting a Card

Align the arrows on the front of the card with the arrows on the back of the player. Insert the card with the top first and the front of the card facing the back of the player *as shown*. Make sure the card is inserted firmly.

Removing a Card

Turn the player off. Slide the eject lever in the direction of the arrow to remove the card from the player.

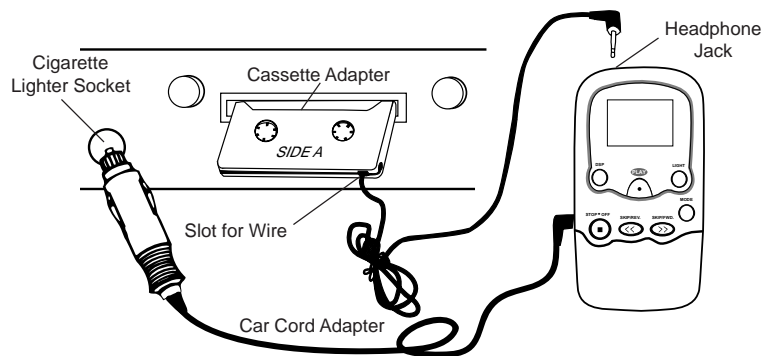
Removable Belt Clip

The player has a removable belt clip. Slide the belt clip up until it locks onto the player *as shown above*. Make sure to attach the belt clip firmly before using it to carry your player.

Included Accessories

Model RD2204 Only: Car Kit

The car kit is included with Model RD2204 or can be purchased as optional accessories from your local dealer or by phone order on *page 22*. This accessory kit includes a car cord adapter (#54097) and a cassette adapter (#54095). The car cord adapter lets you power your Lyra from the cigarette lighter socket of a car, truck, or RV. It converts 12-volts to a 6-volt output. The cassette adapter lets you listen to the Lyra in an automobile or RV safely without having to wear headphones.



Cautions: Make sure to place the wire securely into the slot on the cassette in the correct direction for the type of player you have. The car cord adapter is designed to be used only with vehicles having negative ground electrical systems. Use of any other car cord adapter may damage your Lyra and void your warranty. Make sure the Lyra's power is turned off before removing the car cord's plug from the cigarette lighter socket.

1. Insert the plug on the cassette adapter into the headphone jack on the player. If the headphone is attached, remove it.
2. Set your cassette player to your normal listening level.
3. Insert the cassette (Side A up) into your cassette player making sure the cord is placed in the correct position for your type of player.
4. Attach the car cord adapter to the Lyra as shown above.
5. Remove the cigarette lighter from the socket, and insert the car cord into the socket.
6. Insert the CompactFlash card you wish to play into the player, start playing the card, and set the volume at a medium level.
7. Control the volume with the cassette player.
8. Remove the cassette adapter from the cassette player when you are finished.

Optional Accessories

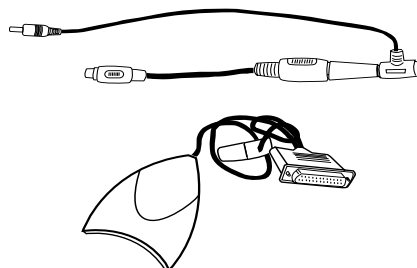
Pricing information and ordering instructions can be obtained by calling 1-800-338-0376.

CompactFlash* Memory Card



No. PC32CF, PC48CF, or PC64CF
Any of these CompactFlash memory cards can be used with your player.

External CompactFlash* Drive



No. PC2200P

This external drive attaches to the parallel printer port of your computer. The drive has a passthrough connector for your printer and keyboard. Adapters are included for different keyboard types.

Also Available is the PC2200U this external drive allows you to connect it to the universal serial bus port on your computer.

Stereo Headphones



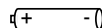
No. PC400

Lightweight stereo headphones with 3.5mm stereo plug.

*CompactFlash is a trademark of SanDisk Corporation

Optional Accessories

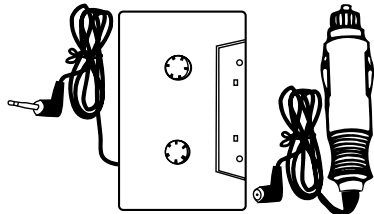
Rechargeable Batteries



No. PC202MH

These nickel metal hydride batteries are rechargeable. The operation time is approximately half of that of new alkaline batteries. These batteries can be charged over and over again. To charge these batteries, you will also need the AC power adapter #PC611, or wall charger for NimH rechargeable batteries #PC224. Use of other nickel metal hydride batteries, may void your warranty.

Car Kit (Cassette and Car Cord Adapters)



No. 54097 and No. 54095

Each of these items is purchased separately. The car cord #54095 allows you to power your Lyra from the cigarette lighter socket of a car, truck, or RV. The cassette adapter #54097 allows you to use the cassette adapter to listen to the Lyra through your car's speakers.

AC Power Adapter PC611

Photo not available
at time of printing

Allows you to power your player from 110-120V AC power. (Required to charge rechargeable nickel metal hydride batteries #PC202MH.) See AC adapter's instruction book for proper operating details.

Removable Belt Clip



No. PC009

This belt clip allows you to carry the player on your belt.

Specifications and descriptions of optional accessories are subject to change without notice.

Specifications

Player

Size: (H) 4-1/2 x (W) 2-1/2 x
(D) 7/8 inches

Weight: 3.5oz. without batteries

Solid state memory

Batteries: 2 alkaline "AA"

Parallel Port Transfer Rate: Up to 450
Kbps

Signal-to-noise ratio: > 75 db

Slot: 1 external CompactFlash slot:
supports Type I or Type II
CompactFlash cards and IBM
Microdrive* memory cards.

Connectors: Headphone

*Microdrive is a trademark of IBM Corporation.

Troubleshooting Guide

Trouble	Checks and Adjustments
No power to external drive	<ul style="list-style-type: none">• Check all connections. <i>See page 4.</i>• Make sure computer is turned on and plugged into an operating outlet.
Player does not operate	<ul style="list-style-type: none">• Maybe batteries are weak. Install new batteries.• Remove batteries and hold down one or more buttons for several seconds to drain the microprocessor inside the player to reset it. Reinstall the batteries and try player again.
CompactFlash card will not play or you can not insert it all the way into the player	<ul style="list-style-type: none">• Make sure card is inserted correctly into player--top facing in and front facing back of player. Do not force.• Card is not encoded with compatible audio format (MP3, G2, or other compatible format).• Card may be damaged.
Player repeats same track or all tracks	<ul style="list-style-type: none">• Repeat play is turned on. Press <i>MODE</i> to change the play mode.
Player plays tracks in random order	<ul style="list-style-type: none">• Shuffle play is turned on. Press <i>MODE</i> to change the play mode.• Program play is turned on. Press <i>MODE</i> to change the play mode.
Player plays audio with DSP sound	<ul style="list-style-type: none">• Press <i>DSP</i> to change the DSP mode. Make sure equalizer is set to your preferences.
Player pauses during play	<ul style="list-style-type: none">• Press <i>PLAY</i> to resume playback.
Long delay between songs	<ul style="list-style-type: none">• May be alternating between MP3 and G2 formats. Try grouping songs by format, and then transfer the files.
Songs not in same order as CD	<ul style="list-style-type: none">• Songs are listed in order they were transferred to CompactFlash card.
Audio distorted at high volume	<ul style="list-style-type: none">• In equalizer mode, reduce the <i>BASS</i> gain.• Switch from <i>BASS BOOST</i> mode.• Reduce volume.
Player displays "Config File Not Found"	<ul style="list-style-type: none">• Transfer files to CompactFlash card using Real Jukebox software.

Limited Warranty

What your warranty covers:

- Any defect in materials or workmanship.

For how long after your purchase:

- 90 days - Unit exchange, which includes parts and labor.
- 91 days to 1 year - Unit exchange, which includes parts only; you pay the labor.
- The warranty for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

• During the initial 90 days:

Exchange the defective portion of your Player with a new or, at our option, refurbished unit.

• After the 90 days and within one year:

Exchange the defective portion of your Player with a new or, at our option, refurbished unit.

We will charge you a flat exchange cost to replace a defective player. This charge covers the labor cost for its repair.

How you get service:

- Contact us on the Internet at www.lyrazone.com and have your unit's date of purchase and model/serial number ready. The model/serial number information is on the back of your Player.
 - Self diagnostic screens will allow you to troubleshoot your problem over the Internet.
1. If after going through the troubleshooting screens, we determine that you should receive a replacement Player you will be provided with a Return Authorization (RA). No returns will be accepted without the RA number.
 - For your convenience you may also call 317-415-5336.

Option I:

1. Provide your Discover, MasterCard or Visa account number and expiration by entering on the appropriate screen. This is for security purposes only and your account will not be charged at this time.
2. We will send you a replacement unit.
3. If you return the unit to us within 14 days from the date you were provided a RA number, only items not covered by warranty will be charged to your account. If your unit is not received within 14 days, the suggested retail value of the Player will be charged to your credit card. This amount will be credited, less a \$10 handling fee, if the unit is subsequently received.
4. Ship your defective unit back to us using the replacement unit's carton. Shipping instructions will be included on the carton along with your RA number which will allow you to easily ship the unit back to us. Make sure you insure your shipment in case of damage or loss. Include with the shipment:

Limited Warranty

- Evidence of purchase date such as a bill of sale.
- A brief note describing your Player problem.
- Your name, address, and phone number.

Only ship the defective portion of your Player. In all cases retain the CompactFlash card. Thomson will not be responsible for any software you have returned with your product.

Option II:

- Write the RA number on the outside of the carton used to return the unit. Make sure you insure your shipment in case of damage or loss.
- Carefully pack the unit using the original box and packing material if possible. Please retain all non-defective accessories that were included with your unit such as the headphones.

DO NOT return the CompactFlash card. Thomson will not be responsible for lost software.

- Include with the shipment:
 1. Evidence of purchase date such as a bill of sale.
 2. A brief note describing your Player problem.
 3. Your name, address, and phone number.
- After we receive your product, a new or refurbished unit will be shipped to you.

What your warranty does not cover:

- Acts of God, such as but not limited to lightning damage.
- Adjustment of customer controls.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Batteries.
- Units purchased, serviced or operated outside the U.S.A.
- Loss of software, programming.
- Installation.
- Shipping damage if the unit was not packed and shipped in the manner prescribed by Thomson.

Product Registration:

- Please complete and mail the Product Registration Card packed with your Player. It will make it easier to contact you should it ever be necessary. The return of the card is not required for a warranty coverage.

How state law relates to warranty:

- This warranty gives you specific legal rights, and you may have other rights that vary from state to state.

If you purchased your product outside the United States:

- This warranty does not apply. See your dealer for warranty information.

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