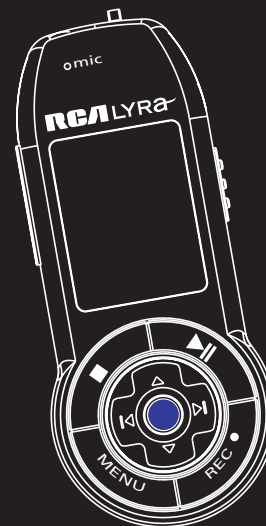


RCA

u s e r
m a n u a l



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TOCOM

RD2312
RD2315
RD2317

It is important to read this instruction book prior to using your new product for the first time.
Es importante leer este manual antes de usar por vez primera su equipo.

FCC Information

EN

FCC 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.

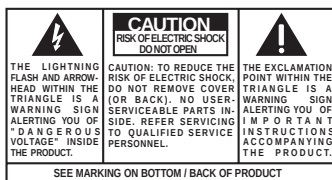
In accordance with FCC requirements, changes or modifications not expressly approved by Thomson Inc. could void the user's authority to operate this product. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits 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.

Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies. This product complies with DHHS Rules 21 CFR Subchapter J. Applicable at the date of manufacture.

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

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



WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice. The English version serves as the final reference on all products and operational details should any discrepancies arise in other languages.

Safety Information

EN



RCA
RD2312

Equipment tested for compliance as a complete unit



RCA
RD2317

Equipment tested for compliance as a complete unit



RCA
RD2315

Equipment tested for compliance as a complete unit

Product Registration

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed.

For Your Records

Keep your sales receipt for proof of purchase to obtain warranty parts and service.

In the event that service should be required, you may need both the model number and the serial number. In the space below, record the date and place of purchase, and the serial number:

Date of Purchase
Place of Purchase
Serial No.

Service Information

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 included in this Guide.

Technical Specification

Product: Digital Audio Player
Brand: RCA
Model: RD2312, RD2315, RD2317

Electrical Consumption

1 x AAA Battery

IMPORTER

Comercializadora Thomson de México, S.A. de C.V.
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Telefono: 52-55-11-020360
RFC: CTM-980723-K55

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Before You Begin

EN

"Dear RCA Customer, Thank you for purchasing the RCA Lyra™ Digital Audio Player. This product will play open mp3 and Windows Media™ audio (WMA) content as well as content purchased from most online music download services.

After purchasing and downloading music to your PC, you are now ready to move content to your player. To transfer the music, you must use Windows Media Player or the application recommended by the online music download service.

(Note: Services and applications must be Windows Media audio-compliant and support Digital Rights Management.)"

Unpacking Your Unit

When you unpack your new player, be sure you have removed all the accessories and information papers. The items below should have been packed in the box with your player.

- Lyra player
- Music Management CD
- USB cable
- Line-in cable
- Headphones
- Belt clip
- Neckstrap

What's so special about this mp3 player?

This player is meant to play mp3, audible (.aa) and Windows Media™ audio files recorded in the built-in flash memory and SD/MMC card.

To do so, you need the use of a Windows computer with USB port, connection cable (included) and a music management software (MusicMatch Jukebox).

Computer System Requirements

- Pentium III 500MHz or higher recommended
- Macintosh iMac G3 or higher
- Windows @98SE, Me, 2000, or XP
- Mac OS X Version 10.1.5 or higher
- Internet Explorer 4.0 or higher
- Internet access
- 100MB free hard disk space for the software
- 64MB RAM (128 MB recommended)
- CD-ROM drive capable of digital audio extraction
- USB port (2.0 recommended)
- Sound card

Before You Begin

EN



Warning:

This product is for your personal use only. Unauthorized recording or duplication of copyrighted material may infringe upon the rights of third parties and may be contrary to copyright laws.



Note

Make sure the tracks are encoded in mp3 or Windows Media formats and supported bitrates. Bitrates supported by the player: mp3 – 32 to 320 kbps wma – 48 to 192 kbps

with frequent static electricity or electrical noise (e.g. speaker, TV set).

- Clean the unit with a soft cloth or a damp chamois leather. Never use solvents.
- The unit must only be opened by qualified personnel.

Caution

- Keep product out of direct sunlight. Exposure to direct sunlight or extreme heat (such as inside a parked car) may cause damage or malfunction.
- Do not expose to rain or moisture.

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.

Precautions for the Unit

- Do not use the unit immediately after transportation from a cold place to a warm place; condensation problem may result.
- Avoid shock to the unit especially during recording. Recorded data may be damaged.
- Do not store the unit near fire, places with high temperature or in direct sunlight.
- Do not operate or store unit in places

Before You Begin

EN

Important Battery Information

- When storing the unit, be sure to remove the batteries because they may leak and damage the unit.
- Batteries may leak electrolyte if inserted incorrectly, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.
- Never mix new batteries with old ones. Do not mix battery types.
- Discard leaky batteries immediately. Leaking batteries may cause skin burns or other personal injury.
- Do not charge batteries which are not intended to be recharged.
- Dispose of batteries, according to federal, state and local regulations.

Please Respect the Environment!



Before throwing any batteries away, consult your distributor who may be able to take them back for specific recycling.

Headset Safety

Have a Blast- Just Not in Your Eardrums



Make sure you turn down the volume on the unit before you put on headphones. Increase the volume to the desired level only after headphone are in place.

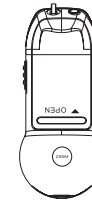
- Do not play your headset at a high volume. Hearing experts warn against extended high-volume play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations. Even if your headset is an open-air type designed to let you hear outside sounds, don't turn up the volume so high that you are unable to hear what is around you.

Before You Begin

EN

Insert battery into the player

1. To remove the battery door, gently press on the battery compartment and slide it in the direction of the engraved arrow.



2. Lift up the battery compartment.
3. Insert a "AAA"(UM4) battery with polarities corresponding to the indications on the compartment.
4. Place the battery compartment to the original position.



Note

Refer to the power level indicator on display for battery level. Replace with new batteries when the indicator is empty. Refer to "Display Overview" on page 11.

Before You Begin

EN Using Headphones

Insert phone plug into the headphones jack (🔊) of the player for listening.

Have a Blast- Just Not in Your Eardrums. Make sure you turn down the volume on the unit before you put on headphones. Increase the volume to the desired level only after headphones are in place.

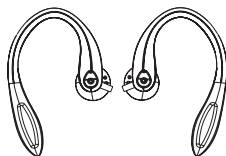


Caution:
Do not insert ear hook into your ears.

How to Use Your Clip Budphones

The right ear clip phone is labeled R while the left ear clip phone is labeled L.

1. Slide the ear hook behind the ear with the ear pad on the front of the ear.

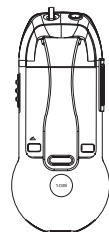


2. For best sound quality, make sure the earpad fits closely with your ear.

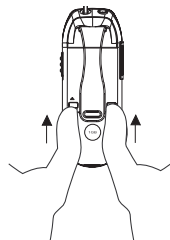
How to Use Your Belt Clip

The belt clip supplied with the unit can let you carrying the unit anywhere you like.

1. Replace the belt clip with the battery compartment door.



2. To remove the belt clip, place your finger on the position indicated and push it out from the battery compartment.

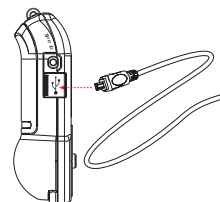


3. Replace the battery compartment door.

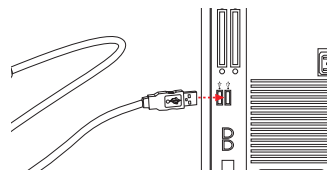
Before You Begin

Connecting the Lyra Player to your Computer

1. Lift the rubber cover that is covering the USB socket on the player.
2. Insert the smaller end of the USB cable into the socket on the unit tightly.



3. Insert the larger end of the USB cable to the USB socket on the back of the computer.



Note

Refer to the "USB Driver Installation; MusicMatch Jukebox™ Software" instruction manual for procedures in setting up USB drivers and transferring files to the player.

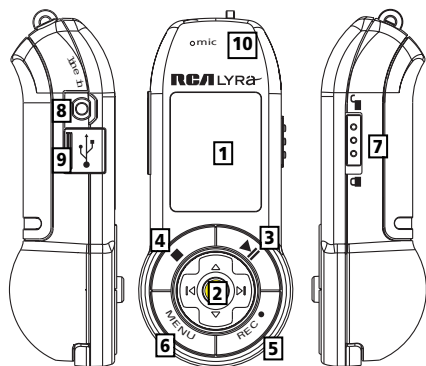


Note

You must profile your contents on your PC or on the unit after file transfer in order for the new files to appear in the Navigation Menus. Refer to the software instruction manual for profiling details.

General Controls

EN



1. Display - Shows user interface.

2. SELECT - Enters the selected menu level. During menu navigation in music mode - Tags an unselected item to be included into the My Selections playlist. Removes a selected item from the My Selections playlist.
In radio mode - Selects the current radio station as a preset station.

UP (▲) - Scrolls up when navigating through the menu and moves the cursor up.
In radio and music playback mode - Increases the volume.

DOWN (▼) - Scrolls down when navigating through the menu and moves the cursor down.
In radio and music playback mode - Decreases the volume.

LEFT (◀) - In navigation mode - Returns

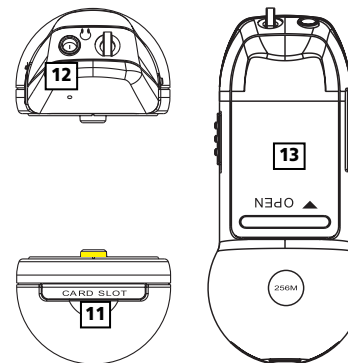
to the previous menu level.
In music mode - Skips to the previous song or the beginning of the current song. Press and hold to scan backwards.
In radio mode - Scans down radio frequency.

RIGHT (▶) - Enters the selected menu.
In music mode - Skips to the next song. Press and hold to scan forward.
In radio mode - Scans up radio frequency.

3. ON/PLAY/PAUSE (▶||) - Turns the unit on.
In music navigation mode - Starts music playback.
In music playback mode - pauses and resumes playback.
In radio mode - Selects between preset tuning and manual tuning.

General Controls

EN



4. OFF/STOP (■) - Turns the unit off. Press and hold in any mode to turn off the unit.
In music playback mode - Stops music playback.
In radio recording / line in recording / voice recording mode - Stops recording.

5. REC - Starts and pauses recording in radio / voice / line in mode.

6. MENU - Accesses the menu.

7. 🔒 / 🔓 - Slide to lock and unlock the unit

8. Line in jack - Connects to other auxiliary device.

9. USB port (USB) - Attach the small end of the mini-USB cable here.

10. Mic - Microphone for voice recording.

11. CARD SLOT - Slot for external memory card.



Note

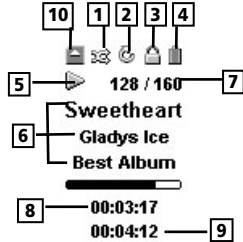
The maximum size of external memory card supported by this unit is 512MB.

12. Headphones Jack (🔊) - Insert the headphones plug here.

13. Battery Compartment - Insert battery here.

Display

EN Display Overview



1. The shuffle icon is displayed when random playback is selected.
2. The repeat icon is displayed when the repeat feature is activated.
 - 🔁 - indicates repeat one song
 - 🔁 - indicates repeat all songs in the player.
3. The lock icon is displayed when the key lock function is activated.
4. The battery indicator shows the battery level. When the battery is almost empty, the icon blinks.
5. The icon indicates the current playing situation.
6. In music mode, this section shows song information. In radio mode, station information is displayed.
7. The current file number / Total file number
8. The song elapsed time.
9. The song duration.
10. Memory card icon.

Menu Navigation

The information in this section presumes you've successfully transferred files to your Lyra Digital Audio Player, and you're ready to play some music (refer to the Software Instruction Manual).

Main Menu

Main Menu is the main menu. The navigation scheme is the same no matter how many menus you access. The main menu consists of the following items:

Folders	->
Artists	->
Albums	->
Titles	->
Genres	->
MySel	->
Radio Recs	->
Voice Recs	->
Line-in Recs	->

Folders - Items in mp3, WMA and audible format are listed.

Artists - The first level lists the artist folders, the second level lists the Albums for each artist and the third level lists the songs from each artist's albums.

Albums - Items are sorted into folders according to the albums.

Titles - Items are sorted according to the song title.

Genres - Items are sorted into folders according to their genres.

MySel (My Selections playlist) - Items selected into the My Selections playlist are listed in the order in which they were added.

Radio Recs (Radio Recordings) - Radio recordings are listed in the order they were recorded.

Voice Recs (Voice Recordings) - Voice recordings are listed in the order they were recorded.

Line-in Recs (Line-in Recordings) - Line-in recordings are listed in the order they were recorded.



Note

You must profile your contents on your PC or on the unit after file transfer in order for the new files to appear in the Navigation Menus. Refer to the software instruction manual for profiling details.

EN

Menu Navigation

EN Menu Navigation

1. To Scroll up and down the menu and move the cursor to items on screen, press **UP** (▲) or **DOWN** (▼).
2. To enter and view the submenu, press **RIGHT** (▶) or **SELECT**.
3. To go back to the previous menu level, press **LEFT** (◀).
4. To return to the main menu at any given time, press **MENU**.

Go to Radio	
Go to Voice	
Go to Line-in	
Repeat	Off
Shuffle	Off
DSP	Flat
Clear MySel	
Profile	
Settings	->
Mem Usage	->
Version	->

Digital Music Operation

Selecting Music Mode

1. If the unit is in another mode, press **MENU** to view sub-menu.
2. Use **UP** (▲) or **DOWN** (▼) to move the cursor to *Go to Music* for music mode and press **RIGHT** (▶) to select.

Go to Music	
Go to Radio	
Settings	->

Music Playback Operation

Use the navigation buttons to select the item to play.

Play / Pause

- Once the item that you want to play is selected, press **ON/PLAY/PAUSE** (▶||) to begin playback. This item can be an artist, an album, a playlist, or a song.
- Press again to pause playback.
- Press **ON/PLAY/PAUSE** (▶||) again to resume playback.



Tip
You can also press and hold **ON/PLAY/PAUSE** (▶||) to toggle between music and radio mode.

Digital Music Operation

EN

Skiping Tracks

- To go to the previous track, press and release **LEFT** (◀) .
- To skip to the next track, press and release **RIGHT** (▶) .

Scan Tracks

- To scan backwards in the track that is playing, press and hold **LEFT** (◀) .
- To scan forwards in the track that is playing, press and hold **RIGHT** (▶) .

Stop Playback

To stop playback, press **OFF/STOP** (■) .
The display returns to the previous menu level.

Adjusting the Volume

- To turn up the volume, press **UP** (▲) .
The volume level shows briefly to indicate the increase in volume level.
- To turn down the volume, press **DOWN** (▼) . The volume level shows briefly to show the decrease in volume level.

Digital Music Operation

EN

Additional Music Features My Selections (My Sel)

- ♫ - The song is not included in the My Selections playlist.
- ♪ - The song is included in My Selections.



Tip
A ♫ icon shows in front of items that can be added into the My Selections playlist.

Adding Songs to My Selections

1. In navigation mode, use **UP** (▲) , **DOWN** (▼) , **LEFT** (◀) and **RIGHT** (▶) to move the cursor to the song to be added to My Selections.
2. Press **SELECT** to tag it (only in navigation mode).



Note
You cannot tag any item in folder mode.

Removing Songs from My Selections

1. In navigation mode, use **UP** (▲) , **DOWN** (▼) , **LEFT** (◀) and **RIGHT** (▶) to move the cursor to select the song to be removed from My Selections.
2. Press **SELECT** to remove it (only in navigation mode).

View My Selections

1. From the main menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to *MySel*.

Titles	->
Genres	->
MySel	->

2. Press **SELECT** to enter and view items in *MySel*.

Clear My Selections

1. In the *MySel* folder, press **MENU** to view music sub-menu.

DSP	Flat
Clear MySel	
Profile	
Settings	->
Mem Usage	->
Version	->

2. Use **UP** (▲) and **DOWN** (▼) to move the cursor to *Clear MySel* and press **SELECT**.

Digital Music Operation

EN

View Music Sub-menu

Press **MENU** to view the music sub-menu at any time in music mode.

Repeat

1. In music mode, press **MENU** to view the music sub-menu.
2. Use **UP** (▲) and **DOWN** (▼) until the cursor is at Repeat.

Go to Radio	
Go to Voice	
Go to Line-in	
Repeat	Off
Shuffle	Off

3. Press **SELECT** to toggle among repeat options.
Repeat Off (default) - Repeat is off.
Repeat One  - Repeats the current song.
Repeat All  - Repeats all the songs in the player.



Note

If Shuffle and Repeat settings are changed when a song is playing, new settings will start when the current song is finished playing.

Shuffle

1. From music sub-menu, use **UP** (▲) and **DOWN** (▼) until the cursor is at Shuffle.

Go to Radio	
Go to Voice	
Go to Line-in	
Repeat	Off
Shuffle	Off

2. Press **SELECT** to select between Shuffle Off (default) - Shuffle is off.
Shuffle On  - Plays songs in the player randomly.



Tip

Shuffle On / Repeat One - A song is selected randomly from the current view and is played repeatedly.
Shuffle On / Repeat All - Songs in the player are played in random order repeatedly.

DSP

1. From the music sub-menu, use **UP** (▲) and **DOWN** (▼) until the cursor is at DSP.

DSP	Flat
Clear MySel	
Profile	
Settings	->
Mem Usage	->

2. Press **SELECT** to select among Flat (default), Bass, Pop, Rock and Jazz.

Audible File Operation

EN

Audible Playback Operation

Use the navigation buttons to select the item to play.



Note

Audible files can only be selected in folder mode. (Not available in Artist, Album, Titles and Genre mode)

Play / Pause

- Once the audible file that you want to play is selected, press **ON/PLAY/PAUSE** (▶) to begin playback.

Skipping Sections

- To go to the previous section, press and release **LEFT** (◀).
- To skip to the next section, press and release **RIGHT** (▶).

Scan Tracks

- To scan backwards in the file that is playing, press and hold **LEFT** (◀).
- To scan forwards in the file that is playing, press and hold **RIGHT** (▶).

Stop Playback

To stop playback, press **OFF/STOP** (■). The display returns to the previous menu level.

Adjusting the Volume

- To turn up the volume, press **UP** (▲). The volume level shows briefly to indicate the increase in volume level.
- To turn down the volume, press **DOWN** (▼). The volume level shows briefly to show the decrease in volume level.

Radio

EN

Selecting Radio Mode

1. In any other mode, press **MENU** to view the sub-menu.



2. Select Go to Radio for Radio mode.



Tip

Press and hold

ON/PLAY/PAUSE (▶||) to toggle between music and radio mode.

Radio Modes:

Manual Mode - Tuning to stations manually.

Preset Mode - Selecting stations saved in preset memory.

Press **ON/PLAY/PAUSE** (▶||) to select between Preset mode and Manual mode.

Manual Tuning a Station

- Press **LEFT** (◀) to tune down radio frequency.
- Press **RIGHT** (▶) to tune up radio frequency.



Tip

Press and hold **LEFT** (◀) or **RIGHT** (▶) for 1 second to automatically search for the next station in the respective direction.

Preset Station

Saving Preset Station

1. Tune to the station to be saved as a preset station.
2. Press **SELECT**.

Save as
Preset 05
Empty

3. Press **LEFT** (◀) or **RIGHT** (▶) to select a preset number.
The current preset location blinks.
4. Press **SELECT** to confirm your selection.

Radio

EN

Selecting Preset Station

If the unit is in manual mode, press **ON/PLAY/PAUSE** (▶||) to change to preset mode.

In preset mode, press **LEFT** (◀) to select the previous preset station and press **RIGHT** (▶) to select the next preset station.



Note

"Preset" must be displayed on the screen so that "Clr Preset" is displayed in the Radio sub-menu.

Clearing Preset Station

1. In preset mode, press **MENU** to view the radio sub-menu.
2. Use **UP** (▲) and **DOWN** (▼) to select *Clear Preset*.

Go to Music	
Go to Voice	
Go to Line-in	
Clear Preset	
Mode	Stereo

3. Press **LEFT** (◀) or **RIGHT** (▶) to select the preset location to clear.
4. Press **SELECT** to confirm.

Radio

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Suppressing Stereo Signal

If FM stereo reception is weak, select mono sound to reduce the noise.

- From the radio submenu, use **UP** (▲) and **DOWN** (▼) to move the cursor to **Mode**.
- Press **SELECT** or **RIGHT** (▶) to select between Stereo and Mono sound.

Go to Music	
Go to Voice	
Go to Line-in	
Clear Preset	
Mode	Stereo

Record FM Radio

Tune to the Station to be recorded.

- Press **REC** to start recording.
- Press **REC** to pause recording. Press again to resume.
- Press **OFF/STOP** (■) to stop recording.

Selecting Recording Duration

- From the radio sub-menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to **Rec Dur** (Recording Duration).
- Press **SELECT** or **RIGHT** (▶) to select among Max, 60m, 30m, and 5m.

RecDur	Max
Settings	->
Mem Usage	->

Radio

EN

Selecting Recording Destination

- From the radio sub-menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to **Rec Dest** (Recording Destination) (Available only when an external memory card is inserted)

RecDur	Max
RecDest	INT
Settings	->

- Press **SELECT** or **RIGHT** (▶) to select between internal (INT) and external (EXT) memory.



Note

Radio recordings are saved in mp3 file format. They can be treated in the same way as other mp3 music files.



Note

Radio recordings can also be found in FM directory under folder option.

View FM Recording

- In the main menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to **Radio Recs** (Radio Recordings).

Folders	->
Artists	->
Albums	->
Titles	->
Genres	->
MySel	->
Radio Recs	->
Voice Recs	->
Line-in Recs	->

- Press **SELECT** or **RIGHT** (▶) to enter the **Radio Recs** menu. The first recording is listed first.

FM001.mp3
FM002.mp3
FM003.mp3

- Press **SELECT** or **RIGHT** (▶) to play the highlighted item.

Delete FM Recording

- In the main menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to **Radio Recs** (Radio Recordings).
- Press **SELECT** or **RIGHT** (▶) to enter the **Radio Recs** menu. The first recording is listed first.
- Press **MENU** when the cursor is at the radio recording to be deleted.
- Use **UP** (▲) and **DOWN** (▼) to move the cursor to **Delete File**.

Delete File	
Settings	->
Mem Usage	->
Version	->

- Press **SELECT** to delete.

Voice Recording

EN

Selecting Voice Mode

1. In any other mode, press **MENU** to view the sub-menu.

Go to Music
Go to Radio
Go to Voice

2. Select Go to Voice for voice recording mode.

Voice Recording

- Press **REC** to start recording.
- Press **REC** to pause recording. Press again to resume
- Press **OFF/STOP** (■) to stop recording.

Selecting Recording Duration

1. From the radio sub-menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to *Rec Dur* (Recording Duration).
2. Press **SELECT** or **RIGHT** (▶) to select among Max, 60m, 30m, and 5m.

RecDur	Max
Settings	->
Mem Usage	->

Voice Recording

EN

Selecting Voice Destination

1. From the voice sub-menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to *Rec Dest* (Recording Destination) (Available only when an external memory card is inserted)

RecDur	Max
RecDest	INT
Settings	->

2. Press **SELECT** or **RIGHT** (▶) to select between internal (INT) and external (EXT) memory.

View Voice Recording

1. In the main menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to *Voice Recs* (Voice Recordings).

Folders	->
Artists	->
Albums	->
Titles	->
Genres	->
MySel	->
Radio Recs	->
Voice Recs	->
Line-in Recs	->

2. Press **SELECT** or **RIGHT** (▶) to enter the *Voice Recs* menu. The first recording is listed first.

Voice001.wav
Voice002.wav
Voice003.wav

3. Press **SELECT** or **RIGHT** (▶) to play the highlighted item.

Delete Voice Recording

1. In the main menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to *Voice Recs* (Voice Recordings).
2. Press **SELECT** or **RIGHT** (▶) to enter the *Voice Recs* menu. The first recording is listed first.
3. Press **MENU** when the cursor is at the recording to be deleted.

Voice001.wav
Voice002.wav
Voice003.wav

4. Use **UP** (▲) and **DOWN** (▼) to move the cursor to *Delete File*.

Delete File
Settings ->
Mem Usage ->
Version ->

5. Press **SELECT** to delete.

Line-in Recording

EN

Selecting Line-in Mode

1. In any other mode, press **MENU** to view the sub-menu.

Go to Music
Go to Radio
Go to Line-in

2. Select Go to Line-in for Line-in recording mode.

Line-in Recording

Connect any source audio device from the headphones output (F 3.5mm) with the provided Line-in cable to the Line-in jack (F 2.5mm) at the side of your Lyra. You can also connect the headphones to the Lyra headphones output to monitor the recording if required.

- Start playback from the source audio device
- Adjust the volume level of the source audio device in order to achieve the optimum recording quality. The source output varies from model to model. You might want to experiment with a few recordings to determine the proper volume output of the source to get optimum recording quality from the Lyra. Recommend starting the source at a Volume level that adequate at room Volume level.
- Press **REC** to start recording
- Press **REC** to pause recording. Press again to resume.
- Press **OFF/STOP** to stop recording.

Selecting Recording Duration

1. From the radio sub-menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to *Rec Dur* (Recording Duration).
2. Press **SELECT** or **RIGHT** (▶) to select among Max, 60m, 30m, and 5m.

RecDur	Max
Settings	->
Mem Usage	->

Line-in Recording

EN

Selecting Recording Destination

1. From the line-in sub-menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to *Rec Dest* (Recording Destination) (Available only when an external memory card is inserted)

RecDur	Max
RecDest	INT
Settings	->

2. Press **SELECT** or **RIGHT** (▶) to select between internal (INT) and external (EXT) memory.

View Line-in Recording

1. In the main menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to *Line-in Recs* (Line-in Recordings).

Folders	->
Artists	->
Albums	->
Titles	->
Genres	->
MySel	->
Radio Recs	->
Voice Recs	->
Line-in Recs	->

2. Press **SELECT** or **RIGHT** (▶) to enter the *Line-in Recs* menu. The first recording is listed first.

Line001.mp3
Line002.mp3
Line003.mp3

3. Press **SELECT** or **RIGHT** (▶) to play the highlighted item.

Delete Line-in Recording

1. In the main menu, use **UP** (▲) and **DOWN** (▼) to move the cursor to *Line-in Recs* (Line-in Recordings).
2. Press **SELECT** or **RIGHT** (▶) to enter the *Line-in Recs* menu. The first recording is listed first.
3. Press **MENU** when the cursor is at the recording to be deleted.

Line001.mp3
Line002.mp3
Line003.mp3

4. Use **UP** (▲) and **DOWN** (▼) to move the cursor to *Delete File*.

Delete File	->
Settings	->
Mem Usage	->
Version	->

5. Press **SELECT** to delete.

System Settings

EN

Settings

1. In any mode, press **MENU** to view the sub-menu.
2. Use **UP** (▲) or **DOWN** (▼) to move the cursor to *Settings*.

RecDur	Max
Settings	->
Mem Usage	->

3. Press **RIGHT** (▶) or **SELECT** to enter the *Settings* menu.

Contrast	0
Backlight	10s
	Red
PowerSave	3m
FreqStep	US
Language	Engl
Flip LCD	

4. Use **UP** (▲) or **DOWN** (▼) to move the cursor to the setting you want to change.
5. Press **RIGHT** (▶) or **SELECT** to select among options for each setting.
 Contrast: -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5
 Backlight : 10s, 20s, 30s, on
 Red, Blue, Purple
 Powersave : Off, 1m, 3m, 5m
 Freq Step : US, EU
 Language : Engl, Fran, Deut, Espa, Ital
 Flip LCD

Memory Usage

Memory Usage (Mem Usage) shows the amount of free space on the memory.

1. Press **MENU** to view the sub-menu.
2. Use **UP** (▲) or **DOWN** (▼) to move the cursor to *Mem Usage* (Memory Usage).

RecDur	Max
Settings	->
Mem Usage	->

3. Press **RIGHT** (▶) or **SELECT** to view memory usage information.

Built-in	
Free:	109M
Total:	512M
Memory Card	
Free:	129M
Total:	256M



Tip

The memory card usage will only be displayed when an external memory card is detected.

System Settings

EN

Version

1. Press **MENU** to view the sub-menu.
2. Use **UP** (▲) or **DOWN** (▼) to move the cursor to *Version*.

Version

3. Press **RIGHT** (▶) or **SELECT** to view firmware version.

Version 1.00

More Information

Check for Updates

Visit

<http://www.rca.com/digitalaudidownloads>
 for the latest news and firmware upgrades for our Lyra Digital Audio Player. You must update your system after new downloads have been made in order for the new applications to be executed.

Frequently Asked Questions

You can get FAQ information at www.rca.com/digitalaudiofaq.

More Information

EN

Troubleshooting Tips

The player does not turn on when the PLAY button is pressed?

- Batteries may be inserted incorrectly.
- Batteries may be empty.

Skiping tracks or bad sound quality?

- Repeat, random or program function may be activated.
- There may be strong magnetic fields (e.g. too close to TV) near the unit.
- Low Battery level. Replace with new ones.

Cannot perform playback?

- LOCK function may be activated.
- There may be no mp3 tracks in the card or internal memory.

Cannot play tracks on the player?

- Track encoded bit rate may not be between 32 to 320 kbps for mp3 or between 48kbps to 192kbps for Windows Media Audio.

USB display does not appear when connected to computer?

- Check connection between your unit and the computer. (Refer to the "USB Driver Installation; MusicMatch Jukebox™ Software" instruction manual)

- Check if the USB drivers are properly installed (Refer to the "USB Driver Installation; MusicMatch Jukebox™ Software" instruction manual)

The player does not respond to key operations?

- Turn the player off by removing the batteries. Reinsert the batteries properly and turn the player on again to resume normal operations.



Note:

For better result, we recommend a constant encoded bit rate from 32 to 320 kbps for mp3 and 48kbps to 192 kbps for Windows Media Audio. Nevertheless, your unit may play tracks encoded in variable bit rate (VBR).

More Information

EN

Cannot playback tracks on the player.

- Make sure audio tracks are encoded in the mp3 or Windows Media formats at supported bitrates. Bitrates support by the player: mp3 – 32 to 320 kbps wma – 48 to 192 kbps
- WMA files may be DRM protected and you don't have the proper rights (license) to play the files.
- Check the website and/or application help system of the music download service provider from where the content was purchased from for license acquisition details. For more information on how license acquisition works, go to www.microsoft.com/windowsmedia/drm.

What does the PlaysForSure logo mean?

- PlaysForSure is a new logo program from Microsoft®. Consumers can match the PlaysForSure logo on a large selection of devices and online music stores. If you see the logo, you'll know your digital media will play for sure. For more information on the Microsoft PlaysForSure program, visit www.PlaysForSure.com.



Note:

Under some rare circumstances, your unit might report less memory than is available for storing music files. If this happens, format the device to recover all the memory.



Note:

This unit may temporarily cease to function if subjected to electrostatic disturbance. To resume normal operation, it may be necessary to cycle the power off and back on or to remove and reinstall the batteries.



Warning:

Formatting the device will erase all stored contents. Backup all the valuable files before doing so.

U.S. Limited Warranty

EN

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- One year from date of purchase.
The warranty period 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:

- Provide you with a new, or at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

How to make a warranty claim:

- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.
- Include evidence of purchase date such as the bill of sale. Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to:

**Thomson Inc.
Product Exchange Center
11721 B Alameda Avenue
Socorro, Texas 79927**

- Insure your shipment for loss or damage. Thomson accepts no liability in case of damage or loss en route to Thomson.
- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- A new or refurbished unit will be shipped to you freight prepaid.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual provides information regarding operating Instructions and user controls. For additional information, ask your dealer.)
- Installation and set-up service adjustments.
- Batteries.
- Damage from misuse or neglect.
- Products which have been modified or incorporated into other products.
- Products purchased or serviced outside the USA.
- Acts of nature, such as but not limited to lightning damage.

U.S. Limited Warranty

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Product Registration:

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

Limitation of Warranty:

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How state law relates to this warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the USA:

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

Canadian Limited Warranty

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Thomson multimedia Ltd. warrants to the purchaser or gift recipient that if any manufacturing defect becomes apparent in this product within 1 year from the original date of purchase, it will be replaced free of charge, including return transportation.

This warranty does not include damage to the product resulting from accidents, misuse or leaking batteries.

Should your product not perform properly during the warranty period, either:

1. Return it to the selling dealer with proof of purchase for replacement,

OR

2. Remove the batteries (where applicable), and pack product complete with accessories in the original carton (or equivalent).

— Mail prepaid (with proof of purchase) and insured to:

Thomson multimedia Ltd.
6200 Edwards Blvd.,
Mississauga, Ontario L5T 2V7
Canada

The provisions of this written warranty are in addition to and not a modification of or subtraction from the statutory warranties and other rights and remedies contained in any applicable legislation, and to the extent that any such provisions purport to disclaim, exclude or limit any such statutory warranties and other rights and remedies, such provisions shall be deemed to be amended to the extent necessary to comply therewith.

If you are unable to find a qualified servicer for out of warranty service, you may write to:

Thomson Inc.
P.O. Box 0944
Indianapolis, Indiana, U.S.A., 46206-0944

Attach your sales receipt to this booklet for future reference. This information is required if service is needed during the warranty period.

PURCHASE DATE

NAME OF STORE

RCA

u s e r
m a n u a l

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Comercializadora Thomson de México, S.A. de C.V.
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TOCOM

RD2312

RD2315

RD2317

Software Installation
MusicMatch Jukebox™ Software
(mp3, Windows Media™ Audio)

Installation des software
Logiciel MusicMatch Jukebox™
(mp3, Windows Media™ Audio)

Instalación de logiciel
Software MusicMatch Jukebox™
(mp3, Reproductor de Audio
para Windows Media™)

It is important to read this instruction book prior to using your new product for the first time.
Es importante leer este manual antes de usar por vez primera su equipo.

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End User License Agreement

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The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice. The English version serves as the final reference. On all products and operational details should any discrepancies arise in other languages.

Before You Begin

EN

Dear RCA Customer,
Thank you for purchasing the RCA
Lyra™ Digital Audio Player. This
product will play open mp3 and
Windows Media™ audio (WMA)
content as well as content purchased
from most online music download
services.

After purchasing and downloading
music to your PC, you are now ready
to move content to your player. To
transfer the music, you must use
Windows Media Player or the
application recommended by the
online music download service.

(Note: Services and applications
must be Windows Media audio-
compliant and support Digital Rights
Management.)



Warning:

Use of this product is for your
personal use only. Unauthorized
recording or duplication of
copyrighted material may infringe
upon the rights of third parties and
may be contrary to copyright laws.

Computer System Requirements

- Pentium III 500MHz or higher
recommended
Macintosh iMac G3 or higher
- Windows® 98SE, Me, 2000, or XP
Mac OS X Version 10.1.5 or higher
- Internet Explorer 4.0 or higher
- Internet access
- 100MB free hard disk space for the
software
- 64MB RAM (128 MB recommended)
- CD-ROM drive capable of digital audio
extraction
- USB port (2.0 recommended)
- Sound card



Note

Make sure the tracks are encoded in
mp3 or Windows Media formats and
supported bitrates.
Bitrates supported by the player:
mp3 – 32 to 320 kbps
wma – 48 to 192 kbps

Before You Begin

EN

What's so special about this mp3 player?

This player is meant to play mp3, audible and Windows Media™ audio files encoded on a memory card or recorded in the built-in flash memory. To do so, you need the use of a Windows computer with USB port, connection cable (included) and a music management software (MusicMatch Jukebox).

The Music Management CD that comes with your Lyra Digital Audio Player contains all of the necessary software components you need to make your Lyra Digital Audio Player work properly.

These components do the following:

- install USB driver for Windows 98SE/Me users. (Refer to page 4)
- enable you to transfer files from your computer to your Lyra Digital Audio Player.

- profile the player (Refer to page 12).
- use the MusicMatch Jukebox software to organize your music collection and transfer the music to your Lyra Digital Audio Player.

The MusicMatch Jukebox™ software compresses audio files (from music CDs) to the mp3, mp3PRO or Windows Media Audio (WMA) format so you can play them on your Lyra Digital Audio Player. The MusicMatch software also enables you to download files from the internet that are already compressed and then transfer those files to your Lyra player (or play the music on your computer).

Getting Started

Insert the Included CD-ROM into CD-ROM Drive

Turn on your computer and place the Music Management CD that came with your Lyra Digital Audio Player into your computer.



Note

Don't connect the USB cable to the PC or Lyra Digital Audio Player before or during the driver installation.



Note

- If you're running Windows 2000/XP no additional drivers are required.
- If you're running Windows 98SE/Me, you must install the USB drivers from the CD-ROM in order for the Lyra Digital Audio Player to function properly.

Welcome Screen

If the setup screen does not appear, double click *My Computer*, double click your CD-ROM drive icon, and double click *Install* to run the installer.



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Getting Started

EN Purchased Location

Type in the country and purchased location of the product, then click **Next** to continue.



Install the USB Driver (Windows 98SE and Me Only)

For Windows 98SE and Me systems, you need to install a USB driver before your computer can recognize your Lyra player.



Note

The installation program will detect whether your system requires a USB driver. The program will install the USB driver first, restart the computer, and then begin to install the necessary software.

Getting Started

Install Necessary Software

Click **Install**, and follow the on-screen instructions to install all necessary files.



End User License Agreement

Please read the End User License Agreement carefully, you can quit the installation anytime if you do not agree with it.

Click **Accept** to continue installation.



Install MusicMatch Jukebox

MusicMatch Jukebox is a music management software used to organize and manage digital audio files and can be used to transfer the music to your Lyra Digital Audio Player.

1. Click **Install** to run the MusicMatch Jukebox setup program.



Wait while the installation program begins. It may take up to 20 seconds for the installer to start.

2. Follow the on-screen instructions to setup and install MusicMatch Jukebox.

For more information on MusicMatch Jukebox, click **Tutorials** on the CD or go to www.musicmatch.com.



Note

It is recommended to uninstall any previous installations of the MusicMatch Jukebox software before proceeding. After the uninstall process has been completed, delete the MusicMatch folder found under C:\Program Files.

Getting Started

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Install Moodlogic

Click for additional information about Moodlogic.



Audible welcome

Click for additional information about audible.



Install Additional Services

Click for additional digital music services provided by our partners.



Rebooting the computer

You may need to restart your computer for software to run properly.



Installation completed

Installation is completed! You can go to the manufacturer's website for more information.



Getting Started

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Launch the MusicMatch software

The MusicMatch software converts audio files to the mp3, mp3PRO and WMA formats so you can play them on your Lyra Digital Audio Player.

1. Remove the Music Management CD from your computer.

2. Start the MusicMatch Jukebox software (double click on the MusicMatch icon in your system tray or on your desktop).



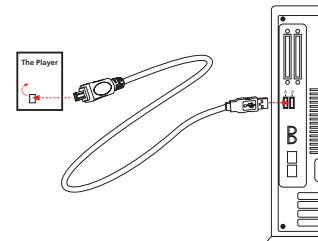
The MusicMatch icon found in your computer's system tray.

Transferring Music

Connecting the Player to the Computer

Connect the Lyra Digital Audio Player to your computer with the USB cable provided.

Turn on the unit, the Lyra Digital Audio Player will appear as a Removable Disk drive.



Note

It might take several seconds for the device (the Lyra Digital Audio Player) to be detected, especially in Windows 2000/XP. Click Refresh in My Computer or Explorer to make sure the device has been detected.

Transferring Music

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Note

The Lyra Digital Audio Player is capable of transferring files at hi-speed mode of USB 2.0. This is up to 40 times faster than USB 1.1. If USB 2.0 port is available on your computer, use it to connect to your Lyra Digital Audio Player. The Lyra player is still backward compatible with the older USB 1.1 ports. However, you will not be able to take full advantage of the potential speed increase.

Transferring Files to the Lyra Digital Audio Player

You can transfer files to your Lyra Digital Audio Player via MusicMatch Jukebox or via Windows Explorer.

If your Lyra Digital Audio Player isn't already connected to your computer, connect it to the computer using the provided USB cable as illustrated on the previous page.



Attention

Do not disconnect the USB cable or remove the memory card during music download. Doing so may corrupt system files or the files being downloaded.



Note

Secure music download
files must be transferred to your Lyra player through Windows Media Player or the application recommended by the online music download service. Please visit the online music download service's website where you purchased your content from for more details on transferring secure music to your player.

For more information on Windows Media Player, visit <http://www.microsoft.com/windows/windowsmedia>.

Transferring Music

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Note

Some wma files may be DRM protected. You must acquire licenses for DRM protected wma files before they can be played on the Lyra player. For more information, go to www.microsoft.com/windows/windowsmedia/drm

Transfer Files via MusicMatch Jukebox

1. Drag and drop desired tracks from the Music Library to the Playlist display and save the playlist.



Note

Be sure to save the playlist or it will not be displayed on the playlist window of the Portable Device Manager screen.

2. From the menu area, select *Files/Send to Portable Device* or click *Send to Portable* under the *copy* item on the left side of the MusicMatch Jukebox screen to display the Portable Device Manager screen.

3. Click on *Options* and select your portable device under *Select Device*. Click *OK*.
Your device should be listed under *Portable Device*.
4. Select the playlist item and drag it to the active device listed under *Portable Device*. Only those playlists saved in step 1 are displayed on the playlist window.
The songs in the playlist will now be automatically transferred to your Lyra Digital Audio Player.

During transfer a progress indicator appears in the *Portable Device Manager* screen, and "USB Transferring" flashes in the Lyra player's LCD.

Transferring Music

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Attention

Make sure all data are transferred to the Lyra

Digital Audio Player before unplugging the USB cable.



Note

If you're running Windows 2000 you must stop the device before unplugging it. Click the icon (the *Unplug or Eject hardware* icon) from the system tray and select the USB Mass Storage device for the drive letter associated with the Lyra player, and select the device you want to stop. See the Windows Help for details about the Unplug or Eject Hardware topic.

From Windows Explorer, highlight all the files/folders you want to transfer to your Lyra Digital Audio Player and drag them to the drive letter that is associated with it.



Note

You must profile your contents after file transfer in order for the new files to appear in the Navigation Menus. Refer to page 12 for profiling details.

Transfer Files via Windows Explorer (Drag and Drop)

If your Lyra Digital Audio Player isn't already connected to your computer, connect the Lyra Digital Audio Player to the computer using the provided USB cable as illustrated on page 7 and turn on the unit.

Transferring Music

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Disconnecting Your Lyra from the Computer



Note

Before disconnecting the USB cable from the computer or the Lyra Digital Audio Player, be sure the "Safe to unplug" message is displayed.

The *Stop a Hardware device* screen appears. Select the device to be stopped again for confirmation and click **OK**.



You can also stop your Lyra player by right clicking on the  icon from the system tray and selecting the drive corresponding to your player.

From the System Tray, double click the left mouse button on the icon and select *Unplug or eject hardware*. The *Unplug or Eject Hardware* screen appears. Select the drive corresponding to your Lyra player.



File Management

EN

System Tray Applications Profile

New files that are transferred to your Lyra Digital Audio Player using Windows Explorer (drag and drop) will not appear in the Navigation Menus until you profile the contents.

1. Connect your Lyra Digital Audio Player to the computer using the provided USB cable if it is not already connected.
2. Right click on the Lyra icon  in the System tray (bottom right hand corner of the computer screen).



3. Select the *Profile Device Content...* item to start the profiling and sorting contents.



4. Click *Done* when profiling is complete.



Attention

Make sure all data are transferred to the Lyra Digital Audio Player before unplugging the USB cable.

If you're running Windows 2000 you must stop the device before unplugging it. Click the icon (the *Unplug or Eject hardware* icon) from the system tray and select the USB Mass Storage device for the drive letter associated with the Lyra Digital Audio Player, and select the device you want to stop. See the Windows Help for details about the *Unplug or Eject Hardware* topic.

Troubleshooting Tips

EN

Problem	Checkpoints / Action
After connecting the player to computer, "USB connected" does not appear on the display.	• Press ON button to power on the player after connecting to the computer.
Cannot access the player via Windows 2000 computer.	• Install the Service Pack 3 for Windows 2000. Visit www.windowsupdate.microsoft.com to check for the latest updates.
Cannot playback tracks on the player.	• Make sure audio tracks are encoded in the mp3 or Windows Media formats at supported bitrates. Bitrates support by the player: mp3 – 32 to 320 kbps wma – 48 to 192 kbps • WMA files may be DRM protected and you don't have the proper rights (license) to play the files. Check the website and/or application help system of the music download service provider from where the content was purchased from for license acquisition details. For more information on how license acquisition works, go to www.microsoft.com/windowsmedia/drm
What does the PlaysForSure logo mean?	PlaysForSure is a new logo program from Microsoft®. Consumers can match the PlaysForSure logo on a large selection of devices and online music stores. If you see the logo, you'll know your digital media will play for sure. For more information on the Microsoft PlaysForSure program, visit www.PlaysForSure.com. For more information on RCA PlaysForSure devices, visit www.rca.com.