EXHIBIT A

[FCC Ref. 2.1033(b)(3)]

"Installation and Operating Instructions
Furnished to the User"

RCA

Lyra Wireless User's Guide

FCC ID: G95-RD900WB
Marstech Report No. 22295D
EXHIBIT A(1)

Changing Entertainment. Again.

RD900W

Important Information

WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

WARNING

RISK OF ELECTRIC SHOCK DO NOT OPEN

To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

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

This symbol indicates important instructions accompanying the product.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Product Registration

Please fill out the product registration card (packed separately) and return it immediately or register on-line at rca.com. Registering allows us to contact you if needed.

Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. The numbers are located on the back of the product.

Model No. _____

Serial No. _____

Purchase Date: _____

Dealer/Address/Phone: _____

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Chapter 1: Connections and Setup

Things to Consider Before You Connect

Protect Against Power Surges

- Connect all components before you plug any of their power cords into the wall outlet.
- Turn off all components before you connect or disconnect any cables.

Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- When you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

Position Cables Properly to Avoid Audio Interference

- Insert each cable firmly into the designated jack.
- If you place components above the TV, route all cables down the side of the back of the TV instead of straight down the middle of the back of the TV.

Connection Pictures

Audio cables are usually bundled together. For better visibility, the connection pictures in this book show each cable separately (audio left, audio right, and video).

Chapter 1: Connections and Setup

Audio System Requirements

- Audio receiver with auxiliary inputs (line level) or other component with audio inputs (TV, VCR, etc.).

Computer System Requirements

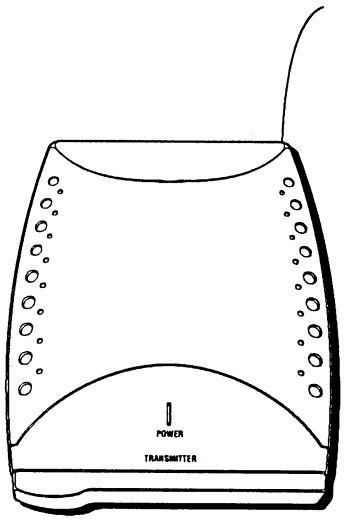
Windows® PC Requirements

- Pentium 300MHz or higher
- Windows® 98SE, Me, 2000, or XP
- Microsoft Internet Explorer 5.0 or higher
- Internet access
- 50MB free hard disk space
- 400MB for MusicMatch Juke Box Radio MX feature (recommended)
- 96MB RAM (32MB for Win98)
- CD-ROM drive capable of digital audio extraction
- Available USB port
- 16-bit color video card

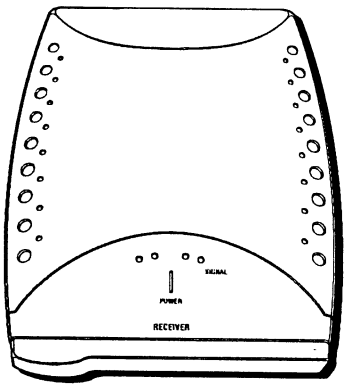
Windows is a trademark of Microsoft Corporation, registered in the U.S.A. and other countries.

Unpack the box and check your parts

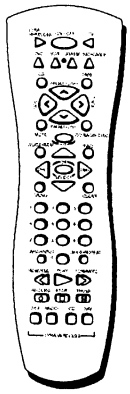
All of the items shown below should have come packed in the box with your Lyra Wireless.



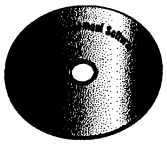
Lyra Wireless Transmitter



Lyra Wireless Receiver

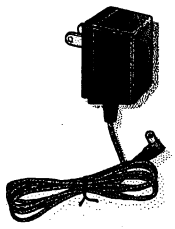


Remote control and batteries



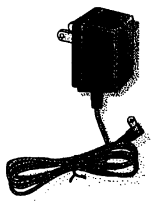
Music Management CD

Contains the Lyra Wireless remote control software and MusicMatch software (for Windows only)



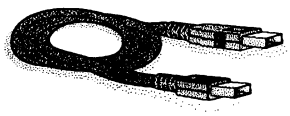
Larger power supply for transmitter unit

Part number: 5-4146



Smaller power supply for receiver unit

Part number: 5-4147



Mini-B USB cable

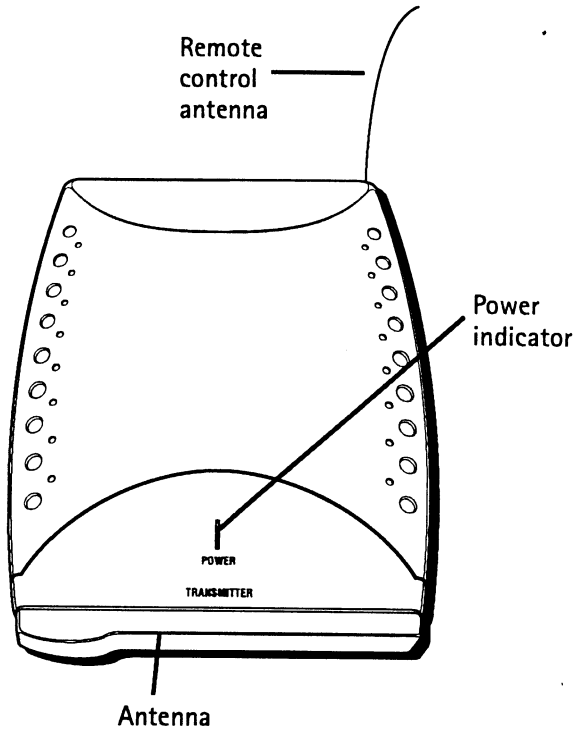
Part number: 5-4140

Line out cable

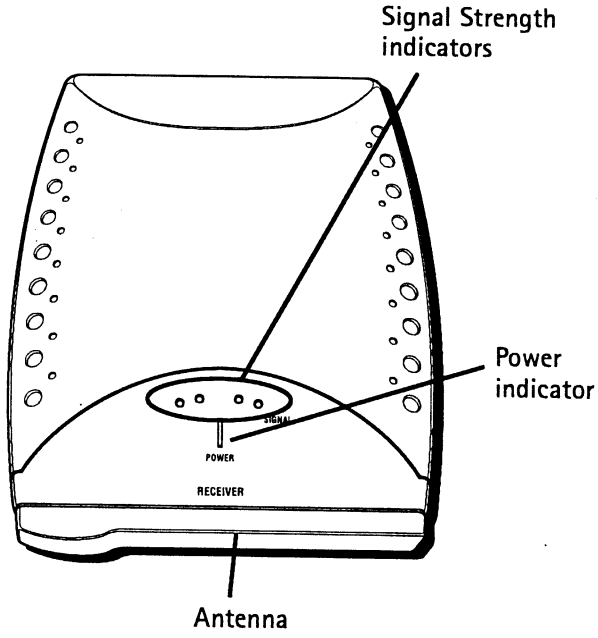
Part number: 5-4138

Chapter 1: Connections and Setup

Front of the Lyra Wireless Units

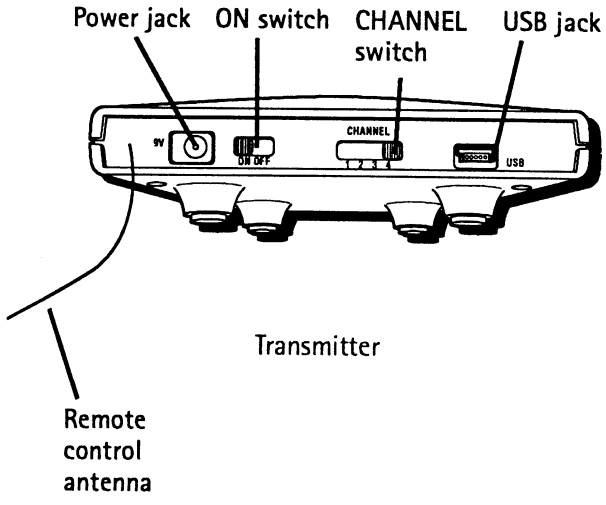


Transmitter

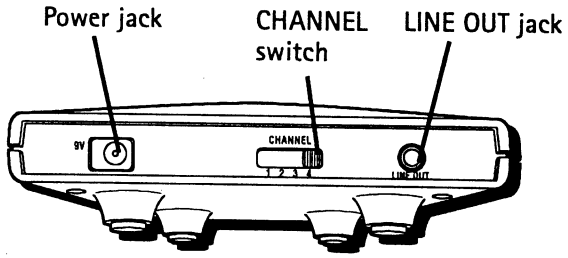


Receiver

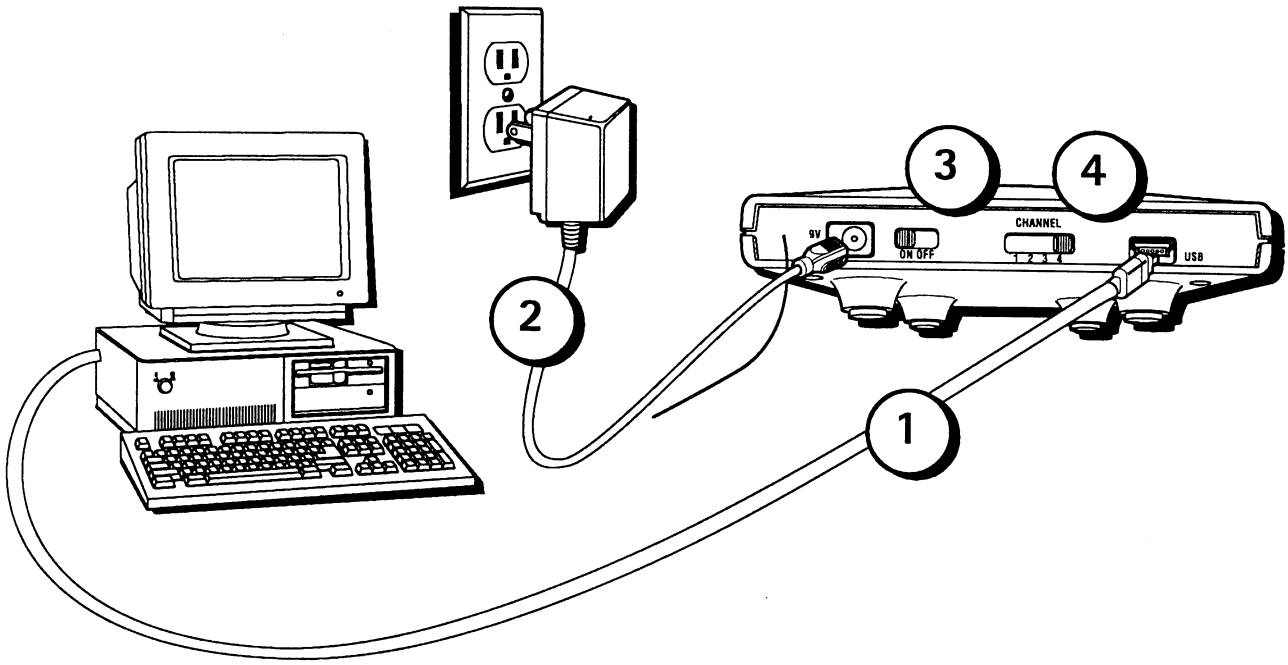
Back of the Lyra Wireless Units



Transmitter



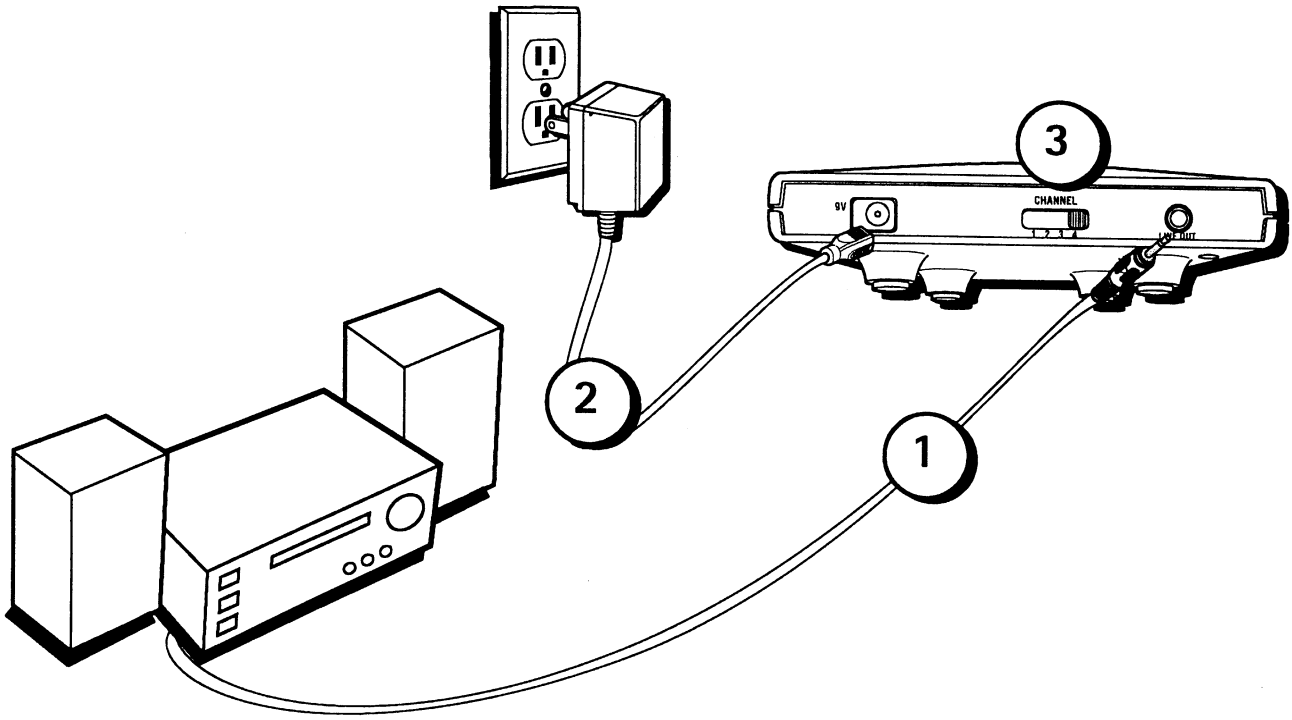
Receiver



Connecting the Lyra Wireless Transmitter to your Computer

1. Connect the small end of the USB cable to the USB jack on the back of the Lyra Wireless transmitter and the other end to the USB jack on your computer.
2. Connect the small end of the large power supply to the power jack on the back of the Lyra Wireless transmitter and the other end into an AC outlet.
3. Make sure the ON switch is set to ON (the power indicator comes on).
4. Make sure the CHANNEL switch is set to the same channel as the CHANNEL switch on the Lyra Wireless receiver.
5. Raise the antenna on the front of the unit so that it is straight up.
6. Position the transmitter so that it is facing in the general direction of the receiver.
7. Follow the steps on the next page to connect the Lyra Wireless receiver to your audio receiver.

Chapter 1: Connections and Setup



Connecting the Lyra Wireless Receiver to your Audio Receiver

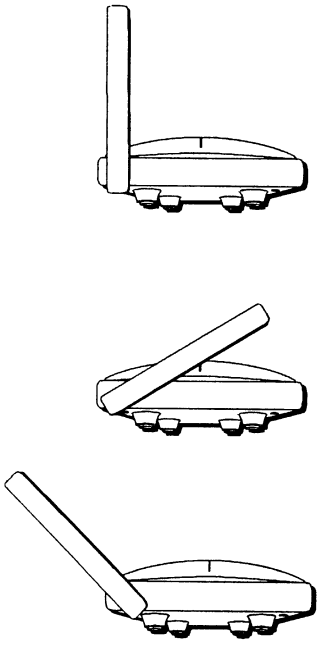
1. Connect the small end of the audio cable to the LINE OUT jack on the back of the Lyra Wireless receiver and the other ends (the red and white plugs) to the Audio Input jacks (sometimes labeled Aux or Line) on your audio receiver. Also, make sure to put your audio receiver in the right mode to receive the sound from those jacks.
2. Connect the small end of the small power supply to the power jack on the back of the Lyra Wireless receiver and the other end into an AC outlet.
3. Make sure the CHANNEL switch is set to the same channel as the CHANNEL switch on the Lyra Wireless transmitter.
4. Raise the antenna on the front of the unit so that it is straight up.
5. Position the receiver so that it is facing in the general direction of the transmitter.

Improving Performance

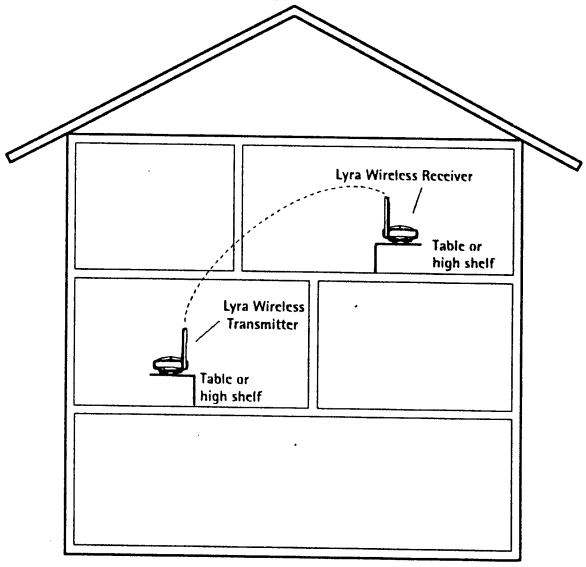
Orientation of the Antennas

Proper orientation of the antennas is important for good performance. You may find that the system works better with one or more of the antennas in the horizontal (flat) position. The receiver and transmitter tend to operate better in high locations, where the signal path is wider and stronger (on a shelf, for example). Watch the receiver signal strength indicators for indication of signal strength.

You may also need to experiment with the position of the remote control antenna on the transmitter unit. See what position works the best for the remote control.



The Lyra Wireless transmitter and receiver antennas can rotate to multiple positions. You may want to try several different angles for the best reception.



The Lyra Wireless system can transmit through walls and floors (up to 100 ft.).

Fine Tuning the Lyra Wireless

To get the best signal reception, the Lyra Wireless units should face each other using an imaginary "line of sight." You can place the transmitter and receiver in separate rooms, or even separate floors of your house, so you don't have to worry about the units being close to each other. Other barriers in your house may affect the signal, so you may need to adjust the positions of the transmitter and receiver somewhat.

If the transmitter is sending the signal to the receiver properly, you should see some of the receiver's signal strength meter indicators light up.

If there is no signal at all

Make sure the CHANNEL switch on the back of both units is set to the same number.

If the signal is weak or there is interference

Try changing the channel on both units. Make sure the CHANNEL switch is set to the same channel on both units.

Avoiding Interference

Cordless Phone and Baby Monitor Interference

The transmitter and receiver have 4 RF channels to choose from, but if you have a 900Mhz cordless phone or baby monitor, you should pick a channel that doesn't interfere with the frequency the phone/ monitor transmits on. Channel 4 is typically the channel with the least interference with telephones and baby monitors. If you have interference, leave your cordless phone or monitor on, then switch to a channel on both Lyra Wireless units that is clear.

Chapter 2: MusicMatch and the Lyra Wireless

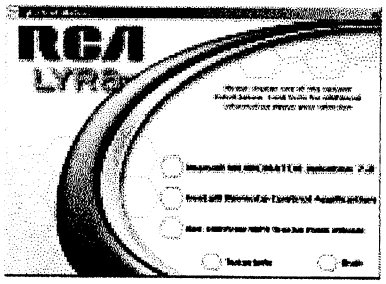
Install the software on your computer

In order to play music through the Lyra Wireless system, you need to install some software first. The Music Management CD that came with your Lyra Wireless contains all of the necessary software components you need. These components do the following:

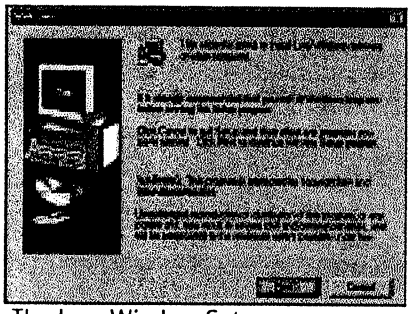
- use the MusicMatch Jukebox software to organize your music collection and play it through the Lyra Wireless system
- enable you to use the remote control for easier navigation through MusicMatch

The MusicMatch Jukebox™ software compresses audio files (from music CDs) to the MP3 format so you can play them through the Lyra Wireless system. The MusicMatch software also enables you to play music from internet radio.

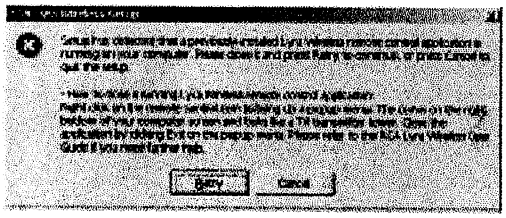
1. Turn on your computer and place the Music Management CD that came with your Lyra Wireless into your computer.
2. If the setup screen does not appear, double click *My Computer*, double click your CD-ROM drive icon, and double click *install.exe*. You can also click, *Run*, then type D:\install.exe (where D is the letter of your CD-ROM drive). (The Lyra Wireless Quick Start screen appears.)



The Lyra Wireless Quick Start screen.



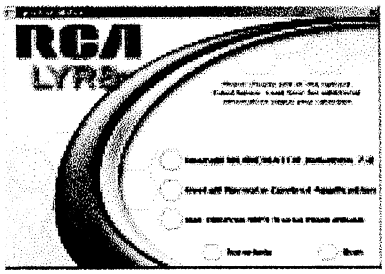
The Lyra Wireless Setup screen.



3. Click *Install Remote Control Application* to install the Lyra Wireless remote control application.
4. When the RCA Lyra Wireless Setup screen appears, click *Next* to begin setup.
5. Read the License Agreement and click *Yes* to continue the installation.
6. Click *Next* to select the destination location of the installed files.
7. Click *Next* to install all necessary files.
8. Click *Finish* to complete Lyra Wireless remote control software installation.

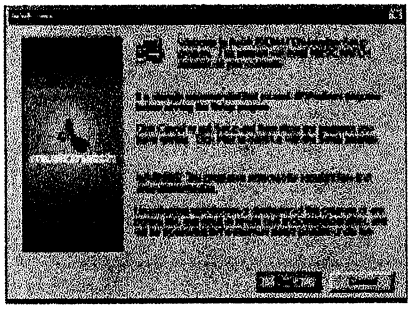
Notes:

- *If you're running Windows 98SE, you may need to install several different system software components. Don't cancel setup before it says it is finished. Also, your computer may reboot itself between installation of the software components.*
- *If you're re-installing the Lyra Wireless remote control software, you need to close the remote control software first, if it is running. Right click on the transmitter tower icon in your computer's system tray (the software menu appears). Click Exit. When you start to re-install the software, the computer asks you to confirm that you want to re-install it.*



The Lyra Wireless Quick Start screen.

9. When the remote control software installation is complete, click *Install MUSICMATCH Jukebox* on the Lyra Wireless Quick Start screen to install MusicMatch.



The MusicMatch Jukebox Setup screen.

10. When the MusicMatch Jukebox Setup screen appears, click *Next* to begin setup.

    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 C:\Program Files\MusicMatch folder from Windows and where C:\Program Files is the path where the software was installed.

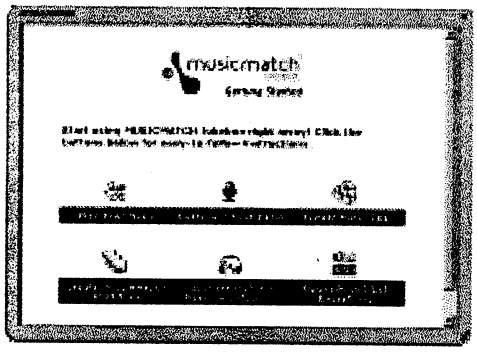
11. After you've read the license agreement, click *Yes* to accept (to continue, you must click *Yes*), or *No* to decline. If you click *Yes*, the *User Registration Information* screen appears.
12. Enter your name, e-mail address, postal code, country, year of birth, and sex (male or female).

    Note: You must enter an e-mail address to proceed. If you don't have an e-mail address, enter yourname@xyz.com

13. Click *Next* (the *Personalize Music Recommendation* screen appears). Read the screen to determine if you want to use this feature or not – you can always change the setting later. Select *Yes* or *No.*
14. Click *Next* (the *Installation Options* dialog screen appears). Select *Express Setup* and click *Next* to continue (the installation starts).
15. After the installation is complete, click *Finish.*
16. If necessary, close the main setup screen.
17. Some computers might request that you reboot your computer (a dialog box will appear on the computer screen if this is necessary).

- To view the MusicMatch Jukebox tutorial, click *Tutorial* on the Quick Start screen.
- To exit the Quick Start screen, click *Quit.*

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



The MusicMatch Jukebox Getting Started screen.

Launching MusicMatch

The MusicMatch software converts audio files to the MP3 format so you can play them on your Lyra Wireless. This section describes some basic MusicMatch features and explains how to convert music to the MP3 format. For more information about MusicMatch, see the tutorial on the Lyra Wireless Quick Start screen or go to www.musicmatch.com.

1. Remove the Music Management CD from your computer.
2. Start the MusicMatch Jukebox software (click on the MusicMatch icon in your system tray or on your desktop).
3. The first time you launch MusicMatch, a *Getting Started* screen appears providing information about MusicMatch and the software.
4. Detailed information, Getting Started tips, and troubleshooting are available through the Help menu and the MusicMatch internet site (accessed from the Help and Site menus). We recommend you familiarize yourself with the MusicMatch Welcome Tips and view the On-line FAQs before using and recording files.

   Note: Logging onto the internet while using MusicMatch Jukebox takes advantage of all its features.
5. Choose *Settings* under the *Options* menu to customize the MusicMatch Jukebox functionality.

   Note: You can access the Options menu at almost any time by pressing the right mouse button.

Launching the Remote Control Software

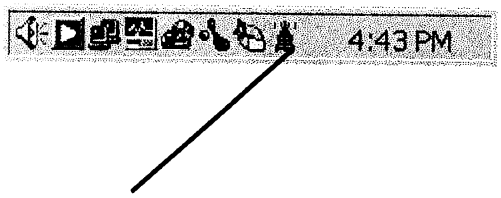
The remote control software is automatically launched every time you start your computer, but if you need to launch it manually, follow these steps:

If you have Windows 98SE, 2000, or Me

1. Click on the *Start* icon in the lower left-hand corner of your screen.
2. Select *Programs*, followed by *RCA Lyra Wireless*.

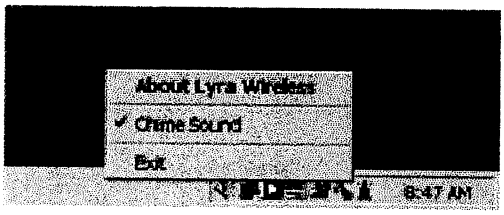
If you have Windows XP

1. Click on the *Start* icon in the lower left-hand corner of your screen.
2. Select *All Programs*, followed by *RCA Lyra Wireless*.



The Lyra Wireless Remote Control icon found in your computer's system tray.

When the Lyra Wireless remote control software is launched, you'll see a TV transmitter tower icon in your computer's system tray.



The Lyra Wireless software menu.

Turning off the Chime

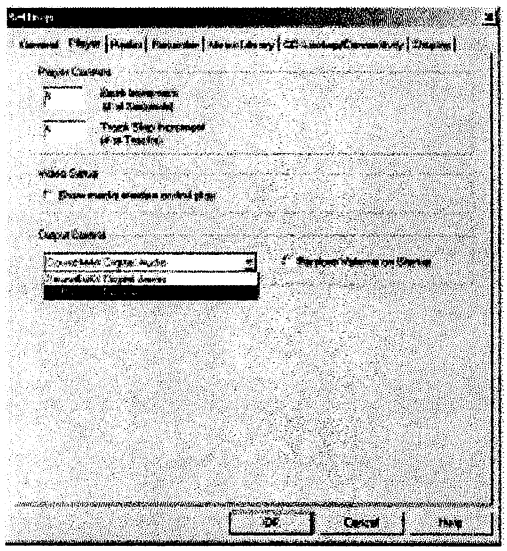
You may want to turn off the chime sound the computer makes each time you press a valid button on the remote. To do this, right click on the transmitter tower icon in your computer's system tray (the software menu appears). Click *Chime Sound*.

Closing the Remote Control Software

To close the remote control software, right click on the transmitter tower icon in your computer's system tray (the software menu appears). Click *Exit*.

Audio Setup

Depending on how your computer is currently set up, you may have to make some adjustments so that the music and sound are directed to the right places. You may need to make sure MusicMatch is configured properly, too.

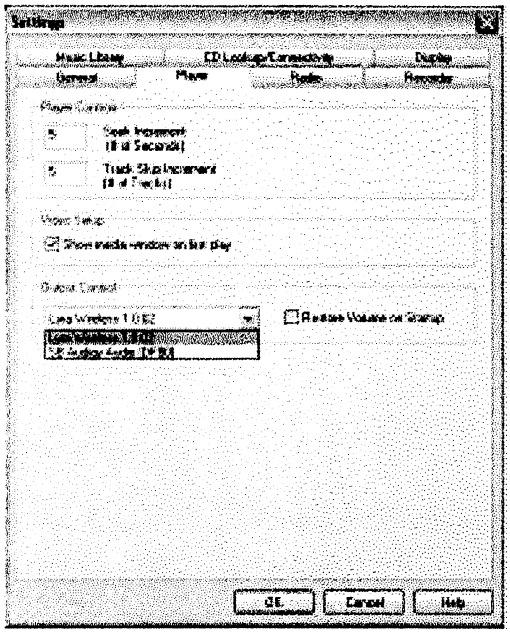


The MusicMatch Settings screen for Windows 98SE, 2000, and Me.

Settings in MusicMatch

1. Make sure the MusicMatch application is launched on your computer. If it's not, press the LYRA WIRELESS button on the remote.
2. From MusicMatch's main menu, click on *Options* and then *Settings.*
3. Select the *Player* tab, then click on the arrow under *Output Control* and select *USB Audio Device* (or *Lyra Wireless* for Windows XP).

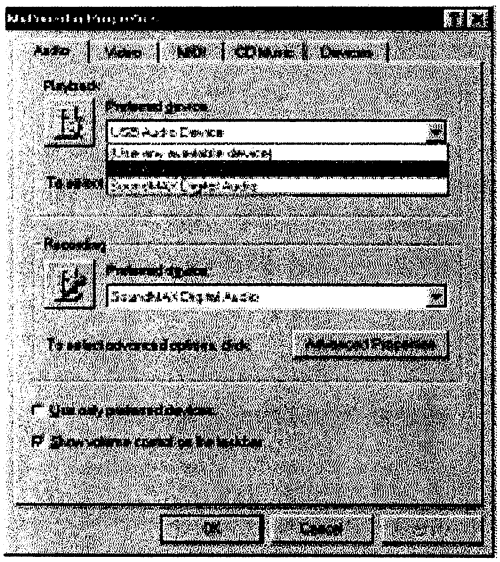
Note: For Windows 98SE, 2000, and Me, the Lyra Wireless is recognized as a "USB Audio Device." If there is more than one USB audio device, the system numbers all the devices.



The MusicMatch Settings screen for Windows XP.

Soundcard Settings in Your Computer's Control Panel

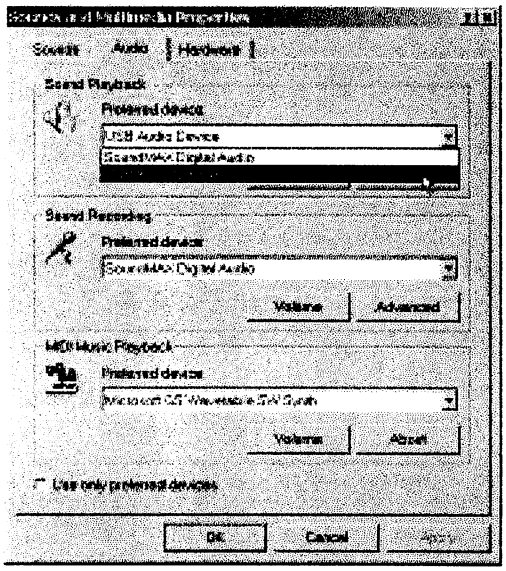
Note: This setting is to configure the chime sound and Windows sound prompts to play through your computer's sound card. If you want them to play through the Lyra Wirless, select USB Audio Device (or Lyra Wireless, for Windows XP) under the preferred device setting.



The sound card settings screen for Windows 98SE and Me.

If you have Windows 98SE or Me

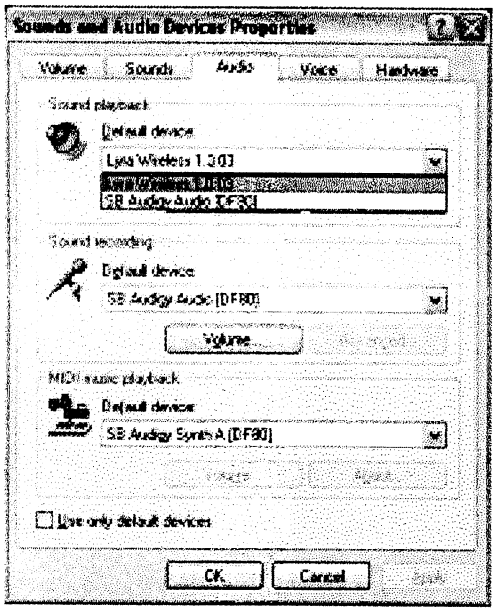
1. Click on the *Start* icon in the lower left-hand corner of your screen.
2. Select *Settings*, followed by *Control Panel* (the Control Panel window appears).
3. Double click on the *Multimedia* icon, and select the *Audio* tab.
4. Click on the arrow under *Preferred device* and make sure your sound card is selected.



The sound card settings screen for Windows 2000.

If you have Windows 2000

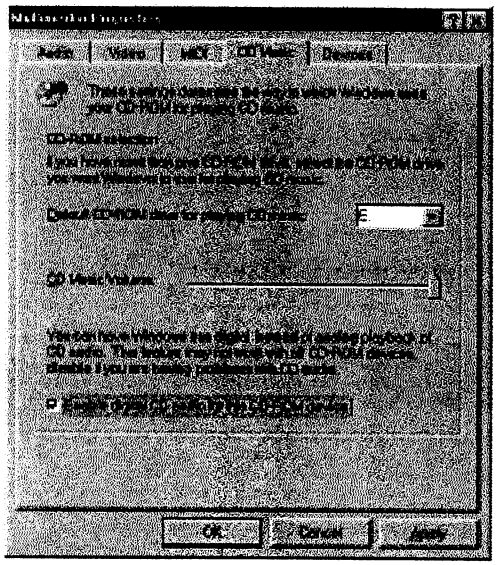
1. Click on the *Start* icon in the lower left-hand corner of your screen.
2. Select *Settings*, followed by *Control Panel* (the Control Panel window appears).
3. Double click on the *Sounds and Multimedia* icon, and select the *Audio* tab.
4. Click on the arrow under *Preferred device* and make sure your sound card is selected.



The sound card settings screen for Windows XP.

If you have Windows XP

1. Click on the *Start* icon in the lower left-hand corner of your screen.
2. Select *Settings*, followed by *Control Panel* (the Control Panel window appears).
3. Double click on the *Sounds and Audio Devices* icon, and select the *Audio* tab.
4. Click on the arrow under *Default device* and make sure your sound card is selected.



The CD-ROM settings screen for Windows 98SE and Me.

CD-ROM Settings in Your Computer's Control Panel

If you have Windows 98SE or Me

1. Click on the *Start* icon in the lower left-hand corner of your screen.
2. Select *Settings*, followed by *Control Panel* (the Control Panel window appears).
3. Double click on the *Multimedia* icon, and select the *CD Music* tab.
4. Under *CD-ROM Selection*, click the box for *Enable digital CD audio for this CD-ROM device.*