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PDP2222

Important Information

Warning

- 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.

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 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.

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

Important Information

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Care of MultiMediaCards

- Do not touch the golden electrodes. Use a soft dry cloth to clean any dirt.
- Do not bend MultiMediaCards.
- Do not operate or store MultiMediaCards in places with frequent static electricity or electrical noise (e.g. speaker, TV set). Recorded data may be damaged.
- It is normal for MultiMediaCards to get warm after being used for a long time.
- Always put it in storage case after removing from the unit.
- Do not store MultiMediaCards near fire, places with high temperature/ humidity or in direct sunlight.
- We recommend that you make a copy of your recorded contents into another media (e.g. floppy disc, tape) as back-up.

Power supply

- Battery power: AAA (LR03) x 2.

Battery Precautions

- 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.

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 product and operational details should any discrepancies arise in other languages.

Important Safety Information

IMPORTANT NOTE: 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 THE QUALIFIED SERVICE PERSONNEL.



Sound Pressure Control

Sound Pressure Control

Les articles de loi L44.5 et 44.6 du code de la santé publique, modifiés par l'article 2 de la loi du 28 Mai 1996 imposent une puissance acoustique maximale de 100 décibels. Le casque livré (code 55110130) et votre appareil respectent la législation en vigueur.

A pleine puissance, l'écoute prolongée du baladeur peut endommager l'oreille de l'utilisateur.

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MusicMatch Jukebox is a trademark of MusicMatch, Inc.
RealJukebox is a trademark of Real Networks, Inc.

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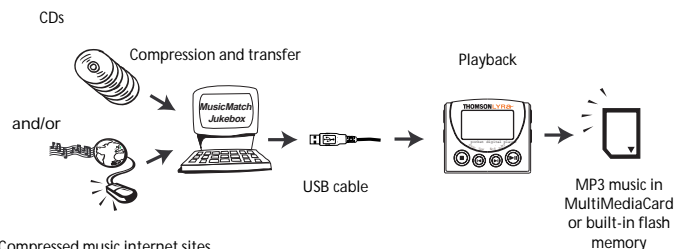
Before You Begin

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What's so special about this MP3 player?

This player is meant to play MP3 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 connection, USB cable (included) and a music management software (MusicMatch Jukebox recommended).



Compressed music internet sites
www.thomson-lyra.com, www.lyrazone.com
www.thomson-music.com, www.musicmatch.com,

Computer System Requirements

Minimum

- Pentium 233 MHz or faster
- 64 MB RAM
- Windows* 98, Windows Me or Windows 2000
- 45 MB free hard disk space plus 1 MB for every minute of CD quality music you store on your hard drive
- CD-ROM Drive
- USB Port
- Full Duplex Sound Card

Optimum

- Pentium II 300 MHz or faster
- 128 MB RAM
- Windows 98SE, Windows Me or Windows 2000
- 50 MB free hard disk space plus 1 MB for every minute of CD quality music you store on your hard drive
- CD-ROM Drive
- USB Port
- Full Duplex Sound Card
- Internet Explorer 4.0 or more with latest access


* Windows and Microsoft are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Getting Started

1. Insert the included software CD into your CD-ROM drive.

Use the software setup program on the included CD to install the USB drivers, Music Management software, and User's guide and documentation.

A. Turn on your computer and insert the software CD. Thomson Lyra Pocket Software Setup program will automatically run.

Note: If the setup screen does not appear, double click *My Computer*, double click your CD-ROM drive icon, and double click *setup.exe*. You can also click , *Run*, then type *D:\setup.exe* (where D is the letter of your CD-ROM drive).

B. Click *Next* to display the *Select Components* screen.



Getting Started

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2. Install the USB drivers.

A. Click the *Install Universal Serial Bus Drivers* button and follow the on-screen instructions to install the drivers.

B. Restart your computer (if prompted).

3. Connect Thomson Lyra Pocket player to computer

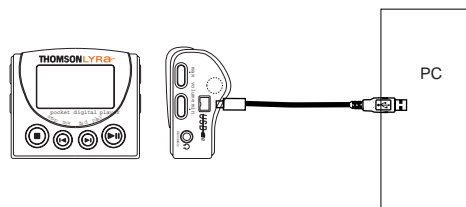
A. Make sure you have installed the USB drivers and that your computer has been restarted (if necessary).

C. Windows will automatically install the drivers for the external drive after you connect it.

B. Once the computer has been restarted, connect the mini-USB (small) connector to Thomson Lyra Pocket player, connect the Type-A (large) connector to an available USB port of your computer as shown below.

Note: Consult your computer or device's owner manual for USB port specifications and troubleshooting.

Thomson Lyra Pocket player will display the **USB** icon when USB cable is properly connected.



Getting Started

4. Install the music management software.

MusicMatch Jukebox and RealJukebox software are included on Thomson Lyra Pocket software CD. We recommend MusicMatch Jukebox for ease of use and functionality. Both software programs operate as players on your PC, compress CDs to MP3 format, download files from the Internet, and transfer the files to your Thomson Lyra Pocket player. Download MP3 files to the player with the MusicMatch Jukebox software and RealJukebox software. Install one or both of these programs.

A. Insert Thomson Lyra Pocket software disc into your CD-ROM drive. Follow the directions under Step 1 to display the *Select Components* screen.



B. Click the *Install the Music Management Software* icon to display the *Select Music Software* screen.



C. Select the software you want to install and click *Install*.

- Select *MusicMatch Jukebox (Recommended)* to install the MusicMatch Jukebox software. MusicMatch Jukebox is capable of MP3, WAV, and Windows Media™ audio format compression.

Go to Step 5.

- Select *RealJukebox* to install the RealJukebox software. RealJukebox is capable of MP3, wave, and RealAudio8 with ATRAC3 compression.

Go to Step 15.

Getting Started

5. Install the MusicMatch Jukebox™ software.

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Helpful Hint

It is recommended to uninstall any previous installations of the MusicMatch Jukebox software before proceeding with the *Getting Started* process. After the uninstall process has been completed, it is also recommended to delete the *C:\Program Files\MusicMatch* folder from Windows as well where *C:\Program Files* is the path where the software was installed.

A. Display the *Select Music Software* screen as described in Step 4.

B. Make sure *MusicMatch Jukebox* is highlighted and click *Install*.

C. *QUICKSTART* screen will appear after installation has started. Click on *Install MusicMatch Jukebox 5.1*.



Getting Started

5. Install the MusicMatch Jukebox™ software. (continued)

D. Click *Yes* to accept or *No* to decline after you have read the license agreement. You must click *Yes* to continue.

E. When the next screen appears, enter your *Name*, *E-mail address*, *Postal code*, *Country*, *Year of Birth*, and *sex (Male or Female)*.



Notes: Enter an E-mail address or *yourname@home.com* if you don't have E-mail. You must enter an E-mail address to proceed.

If you do not want to be informed of program updates or receive news and offers via E-mail, uncheck the boxes.

F. Click *Next* to display *Personalize Net Music* screen.



G. Read the screen and decide if you would like to enable the *PERSONALIZE NET MUSIC* feature. Select *Yes* or *No*. This setting can be changed later.

Getting Started

5. Install the MusicMatch Jukebox™ software. (continued)

H. Click *Next* to display *Installation Options* dialog. Select the installation option you wish to use. Express Setup is recommended. Click *Next* to continue.



If necessary, close the main setup screen.

You may need to restart your web browser. Reboot your computer if any other software was installed specifically USB drivers.

I. After the installation is complete, click *Finish* to complete setup.

6. Set MusicMatch Jukebox basic preferences.

Detailed information, Welcome Tips, and troubleshooting are available through the *Help* menu and the MusicMatch Internet site (accessed from the *Help* and *Sites* menus). We recommend you familiarize yourself with the *MusicMatch Welcome Tips* and view the Online FAQ's before using and recording files. Logging onto the Internet while using MusicMatch Jukebox takes advantage of all its features.

We feel a few of the *Recording Settings* options need to be discussed before you start using the *MusicMatch Jukebox* software.

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Getting Started

6. Set MusicMatch Jukebox basic preferences. (continued)

A. Start the MusicMatch Jukebox software.



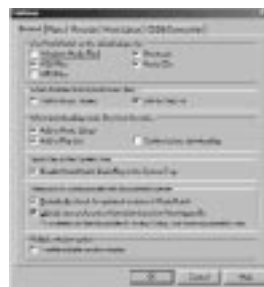
Note: If the Thomson PDP2211 theme does not appear, select the *Change Theme* menu item from the *View* item listed under the *Options* menu. Select the *Thomson PDP2211* item from the list and click *OK* to change to the proper theme.

B. The *Search for Music* screen appears asking if you want the program to search for existing compatible music files. Click *OK*, to have the files found appear in the *Music Library*.



C. Display the *Settings* menu by choosing *Settings* under the *Options* menu.

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



Getting Started

6. Set MusicMatch Jukebox basic preferences. (continued)

EN

D. Click the *Recorder* tab to display the *Recorder* settings.



E. Select the recording *Quality* level. *CD Quality MP3 (128Kbps)* is the recommended quality level.

The MP3 format is supported by MusicMatch Jukebox for the Thomson Lyra Pocket player.

- MP3 audio is MPEG Layer-3 Audio available at various encoding bit rates. The highest bit rate has the best quality sound, but uses the most disk space.

Getting Started

6. Set MusicMatch Jukebox basic preferences. (continued)

- WAV audio is unencoded music that is not compressed. This format has the best quality sound but requires the largest file size, as much as 650MB per CD. WAV audio files are much larger than MP3 audio files.

Note: *Custom Quality* settings are for advanced users only.

F. Select a *CD Recording Mode*.

1. Check *Digital* and *Error Correction* for the best results. Error checking and correction will be performed while you are recording.

Note: Choosing *Error Correction* will slow down your recording speed.

2. Check *Analog* if your CD-ROM drive does not support digital audio extraction.

- G. Select a default *Recording Source*. If you have more than one recording source, select the source you record from the most.

H. *Mute while Recording*. This feature allows you to mute the audio while it is being recorded. Uncheck this box to hear the audio as it is recorded.

Note: This is not recommended as it will decrease the recording speed.

Getting Started

7. Learn the MusicMatch Jukebox basic controls.

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Listed below are the basic functions of the main controls for the program.

Menus
Options, Register, Sites and Help

Playlist Controls
 Docks and Undocks
 Playlist Window
 OPEN, SAVE, CLEAR, and CD-R

Current Selection Display Area

PLAY Button (Press to start playback.)

PAUSE Button (Press to pause playback.)

PREV and NEXT Buttons (Use to select the next or previous song in the playlist.)

STOP Button

VOLUME Control

Displays the Recorder Window

RECORDER	File Name	Time
1. BIRD'S EYE	0:18	0:18
2. BOW TIE	0:18	0:18
3. CRYING IN THE CHAIR	0:18	0:18
4. JAZZMAN FOR THE NIGHT	0:18	0:18
5. YOU'RE THE ONE	0:18	0:18
6. JAZZ MAN	0:18	0:18
7. JAZZ MAN	0:18	0:18
8. JAZZ MAN	0:18	0:18
9. JAZZ MAN	0:18	0:18
10. JAZZ MAN	0:18	0:18

Displays the Track Info Window

Displays the Music Library Window

MUSIC LIBRARY	File Name	Time
1. BIRD'S EYE	0:18	0:18
2. BOW TIE	0:18	0:18
3. CRYING IN THE CHAIR	0:18	0:18
4. JAZZMAN FOR THE NIGHT	0:18	0:18
5. YOU'RE THE ONE	0:18	0:18
6. JAZZ MAN	0:18	0:18
7. JAZZ MAN	0:18	0:18
8. JAZZ MAN	0:18	0:18
9. JAZZ MAN	0:18	0:18
10. JAZZ MAN	0:18	0:18

Displays the Radio Window

Displays the Music Guide Window

Note: These secondary display windows normally attach to the lowest open window. You may need to close, move, or open windows to view them.

Getting Started

8. Save CD tracks to play on your PC or in your Thomson Lyra Pocket player.

A. Insert a CD into your CD-ROM drive. If you are connected to the Internet, MusicMatch Jukebox will retrieve information about the CD in the CD-ROM drive.

If you are on a LAN system and the titling feature does not work, contact your administrator.

Make sure the *Enable CDDB CD lookup service* is selected on the *CDDB Preferences* page if you are able to make a connection to the Internet. Choose *CDDB Preferences* from *Settings* in the *Options* menu.



B. The information from the Internet appears.



If the information cannot be retrieved from the Internet, enter it manually. You can enter information or edit existing information by clicking in the desired box and typing.

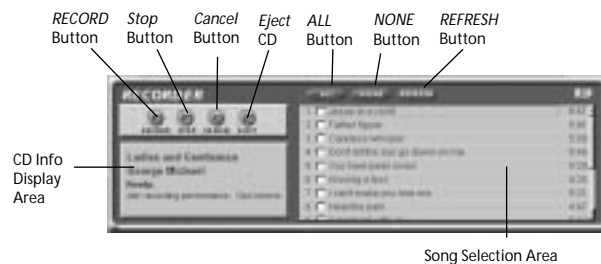
Important Note: If the information is not entered before recording, default song names and information will be used.

Getting Started

8. Save CD tracks to play on your PC or in your Thomson Lyra Pocket player. (continued)

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C. Press the **REC** button if the *Recorder* window is not open. Press **REFRESH** if the songs are not listed.



D. Select the tracks you want to record.

- To start recording, click *Record*.
- To stop recording the current track, click *Stop*.
- To cancel the entire recording session for all selected tracks, click *Cancel*.
- To eject the CD, click *Eject CD*.
- To select all songs, click *All*.

- To deselect all songs, click *None*.
- To refresh the track title information or to attempt detection again, click *Refresh*.

E. After recording is completed, the songs will be stored in the *Music Library*.

Getting Started

9. Download music from the Internet.

A. Click the *MUSIC GUIDE* button to connect to the *MUSICMATCH MUSIC GUIDE* download site.



If you have not established an Internet connection, MusicMatch Jukebox will attempt but fail to connect.

Music you download from the *MUSIC GUIDE* window will automatically be placed in the *Music Library*.

Note: You can also select Show Music Match Guide from *View* in the *Options* menu to display this window.

You can download files using your regular browser. Be sure to import (and/or move) them into MusicMatch Jukebox.

10. Use MusicMatch Jukebox to play Radio on your PC.

A. Click the *Radio* button to open the *Radio* window.



Note: You can also select Show MusicMatch Radio from *View* in the *Options* menu to display this window.

Getting Started

10. Use MusicMatch Jukebox to play Radio on your PC. (continued)

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B. Click on *STATION SELECTOR* to open the following window.



Click the button in the upper left corner to toggle between *FORMAT*, *CITY*, or *COUNTRY* to select the station you want to listen to.

- Select *FORMAT* to choose a station by the type of music you like to listen to.
- Select *CITY* to choose a station in a certain city.
- Select *COUNTRY* to choose a station in a certain country
- If you want to search for a certain station, use the *SEARCH* feature on the bottom of the window.

C. Click *once* on a station to display it. Click *twice* on the station (or click *PLAY*) to play music from the station.

The station you select appears in the *Playlist*.

D. To connect to the station's website, click the *GO TO STATION'S WEBSITE* button on the bottom of the *Net Radio* Window.

Note: If the station you select is not available, this is usually a temporary situation. Try again later.

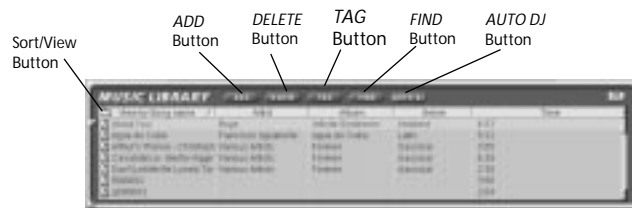
Getting Started

11. Organize the Music Library.

You can choose how to view your music library. You can select as many as seven categories to display at one time.

A. Click the *Music Library* button from the *Main* window to display the *Music Library* window.

Note: you can also select Show Music Library from View in the Options menu.



Music Library Window

B. Setup the *Music Library* for your preferences. Select *Music Library* from *Settings* in the *Options* menu to display the *Music Library Settings* screen.

Select the number of columns and type of information you want displayed in each, and then click *OK*.



Getting Started

11. Organize the Music Library. (continued)

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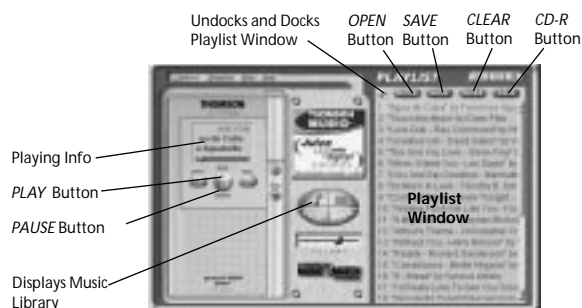
C. The *Music Library* now displays your selections. To sort by categories click on the folder icon (sort/view button) in the *Music Library* window. To select how you want to view your songs.



D. To add a track from your *Music Library* to your playlist, either double click it or drag and drop it.

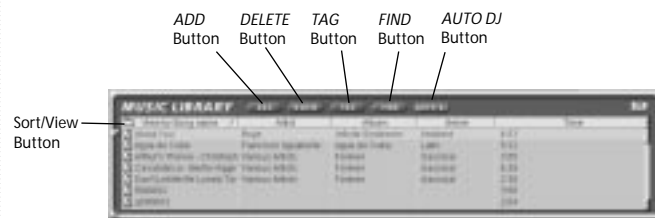
12. Create a playlist for playing or downloading.

To create a playlist, you can drag and drop files from your *Music Library* or you can open an existing playlist.




Getting Started

12. Create a playlist for playing or downloading. (continued)



Music Library Window

A. To manually add tracks to the playlist, double click the track or drag and drop the track from the *Music Library* into the playlist display.

To play a track before adding it to the playlist, click  next to the desired track in the *Music Library* window.

Note: Click to select a song, *Shift* and click to select groups of songs, or *Ctrl* and click to select multiple songs.

B. Click *OPEN* to open an existing playlist, browse for tracks from a specific group, or play an audio CD.

C. To clear an entire playlist from the playlist window, click *CLEAR*.

D. To save your current playlist, click *SAVE*. When the window appears, enter a playlist name and click *Save*.

E. To remove a single track from the playlist, click on the track to highlight it, and then press *Delete* on the keyboard.

F. Click *Play* to play the songs from the playlist. You can also double click the song in the playlist to begin playing.

Getting Started

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13. Edit Tags for Your Songs

You can edit or delete the tags for the tracks in your *Music Library*. If you delete the track's tag, all of the information about the track will be deleted.



A. Highlight the track in the *Music Library* and click the *Tag* button to display the *Tag Song File* window.

Note: Right click on the highlighted track to display a menu. Select *Edit Track Tag* to display the *Tag Song File* window.



B. You can edit the tag with your personal preferences for each of the tracks in your *Music Library*.

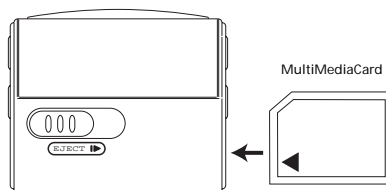
Getting Started

14. Transfer the audio files to Thomson Lyra Pocket player.

Use MusicMatch Jukebox to transfer music files to the MultiMediaCard or built in (internal) flash memory on Thomson Lyra Pocket player.

Important Note

Removing the MultiMediaCard and unplugging the USB connection before the data is completely written may cause loss of data or damage to the contents of the MultiMediaCard and internal flash memory.



A. Choose *Options, Send to Device, Download Playlist to Thomson Lyra Pocket* to display the *Download To Thomson Lyra Pocket* window.

B. Make sure Thomson Lyra Pocket device(s) are listed in the *Portable Device Memory* area.

If a MultiMediaCard is present in Thomson Lyra Pocket player and it needs to be formatted, a screen will be displayed prompting you to format the card.

Click *OK* to properly format the card for use with Thomson Lyra Pocket player. Click *Cancel* to format the card at a later time. The External memory device will not be available until the card is properly formatted or a different MultiMediaCard is inserted.

Note: Formatting the MultiMediaCard will erase the contents of the card.

Note: If the *Internal* device is not listed, check all connections, click the *Refresh* button to refresh the portable device memory list.

If the *External* device is not listed make sure the MultiMediaCard (if present) is properly inserted in the player, click the *Refresh* button to refresh the portable device memory list.

Restart your computer, and consult online troubleshooting for possible causes if problem persists.

Getting Started

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14. Transfer the audio files to the Thomson Lyra Pocket player. (continued)

C. Double click *Internal* device icon to view contents of the built-in flash memory
or
Double click the *External* device icon to view contents of the MultiMediaCard (if present)



D. Select either the Internal or External device icon to transfer files to the player.

E. Select and highlight the tracks you want to download to the selected device in the *Files To Download* area.

Notes: Click to select a song, *Shift* and click to select groups of songs, or *Ctrl* and click to select multiple songs.

F. After you have selected all of the music you want to record on the selected device (Internal or External), click the *Download* button on the bottom of the screen.

During transfer, the **USB** icon will flash. When the transfer is complete, the icon will remain lit and the total number of tracks and total playing time will be displayed.

File size and availability are listed in the status and window displays.

Caution

Make sure all data are transferred to Thomson Lyra Pocket player before unplugging the USB connection.

Removing the card before the data is completely written may cause loss of the entire contents of the card and damage the card.

Getting Started

14. Transfer the audio files to the Thomson Lyra Pocket player. (continued)

G. Click *Done* when you are finished.

H. Click *Exit* under *File* in the *Options* menu to close MusicMatch Jukebox.

I. Disconnect the USB cable from Thomson Lyra Pocket player.

Note: If using Windows 2000, must stop Thomson Lyra Pocket device first before disconnecting the USB cable to avoid loss of data or damage to the device.

Click the *Unplug or Eject Hardware* icon from the system tray and select Thomson Lyra Pocket item and click *Stop*. See the *Windows 2000 help* for further details on the *Unplug or Eject Hardware* topic.

J. Skip to page 36, Step 26 if you do not want to install the Real Jukebox software.

Information for installing the RealJukebox software starts on the next page.

Helpful Hints

For detailed information on file management, creating playlists, and grouping management, please consult the online documentation or *Help* section.

Getting Started

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15. Install the RealJukebox software.

After you have installed Thomson Lyra Pocket USB drivers and placed Thomson Lyra Pocket software CD in the CD-ROM drive as described previously, follow these directions to install the *RealJukebox* software.

A. Display the *Select Music Software* screen as described in Step 4.

Make sure *RealJukebox* is highlighted and click *Install*.

B. Click *Accept* or *Cancel* after you read the license agreement.

Note: You must *Accept* to continue.

C. When the *Setup of RealJukebox* screen appears, verify the correct destination path for the program files.



Click *Next*.

D. Select how to configure shortcuts for RealJukebox and click *Finish* to start installation of the software.



E. Once the RealJukebox software has started, complete the *Electronic Registration Card*. Enter your *Country* and *Zip Code*. Click *Next* to proceed.



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

Getting Started

F. *Read Information about RealJukebox window* appears. Click *Tell Me More* for more information or click *Next* to continue.

G. *Setup Options* screen. Select the setup option you wish to use. Express Setup is recommended. Click *Next* to continue.

H. *Confirm Express Setup* screen. These screens will give a summary of the most common and default configuration settings. You can change the settings or click *Finish*.

We suggest you click *Finish* and not change any of the settings at this time.

I. If necessary, close the main setup screen.

You may need to restart your web browser. Reboot your computer if any other software was installed, specifically USB drivers.

Note: You can access the Configuration Wizard from the Tools menu at any time later when you are more familiar with the program

16. Set basic preferences.

Detailed information, tutorials, and troubleshooting are available through the *Help* menu and the RealJukebox Internet site (accessed from the *Help* and *Sites* menus).

Note: We recommend you familiarize yourself with the RealJukebox New User's Guide and complete the Online Tutorial before using and recording files.

- We also recommend that you log onto the Internet while using RealJukebox to take advantage of all the features.

- We feel the *Recording Method* and a few of the *Audio Quality Preferences* need to be discussed before you start using the *RealJukebox* software.

Getting Started

EN

16. Set basic preferences. (continued)

A. Start the *RealJukebox* software.



C. Click *Recording* to display the *Recording* menu.



B. Display the *Preferences* menu by choosing *Preferences* under the *Tools* menu.



D. Select a recording method.

1. Check *Digital* and *Use Error Correction* for the best results. Error checking and correction will be performed while you are recording.

Note: Choosing Use Error Correction will slow down your recording speed.

2. Check *Analog* if your CD-ROM drive does not support digital audio extraction.

Getting Started

E. With the *Preferences* menu displayed, click *Audio Quality* to display the *Audio Quality* menu.



F. Select a recording *Format* and *Quality Level*.

1. RealAudio 8 with ATRAC 3 is RealNetworks' audio format. This format saves your music as RealAudio (.rmx) secure or RealAudio unsecured (.rmj) files. Compression levels available are 32 kbps stereo to 352kbps stereo. 352 kbps has the best quality sound but uses the most disk space. We recommend using 132kbps
2. MP3 Audio is MPEG layer 3 Audio available at multiple compression levels from 32 kbps mono to 320 kbps stereo. 320 kbps has the best quality sound, but uses the most disk space. We recommend using 128 kbps.

3. Wave Audio is unencoded music that is not compressed. This format has the best quality sound but requires the largest file size, as much as 650MB per CD. Wave Audio files are much larger than RealAudio and MP3 Audio files.

G. Select a *Secure Files* setting

1. *Secure Files On*
Files recorded with security on can only be played on the PC on which they were recorded.

Note: If you record with the security feature on, make sure you perform a security key back up (Backup Security Key feature located under Options menu).

2. *Secure Files Off*
Most people choose to turn the Secure Files feature off.

Notes: In the future, some music may require the security feature turned on to record to your computer.

Turn this feature off if you own two computers and exchange files between them.

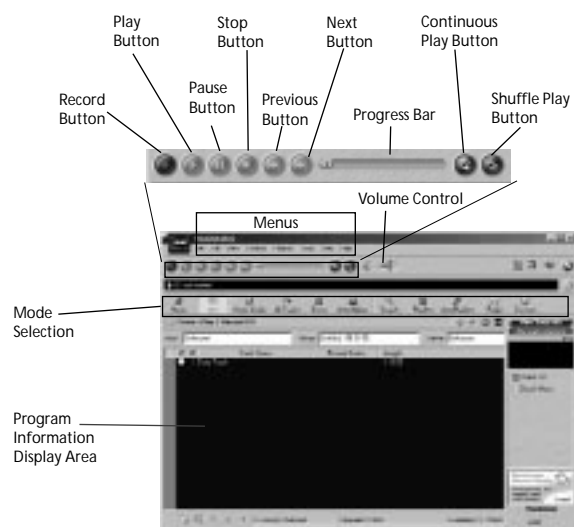
3. Click *OK*.

Getting Started

17. Learn the RealJukebox basic controls.

EN

Listed below are the basic functions of the main controls for the program.



Getting Started

18. Save CD tracks to play on your PC or in your Thomson Lyra Pocket player.

A. Insert a CD into your CD ROM drive. If you have auto play/record enabled, the CD will automatically begin playing and recording.

Note: If you do not want the CD to automatically start playing or recording, you can change the settings.

Choose *Preferences* in the *Tools* menu, and set the options for your personal preference.

RealJukebox is an internet enabled application and connects to the Internet to retrieve information about the CD in the CD ROM.

Make sure the *Automatically detect my online status* item is selected in the *Internet* Preferences. Choose *Internet* from *Preferences* in the *Tools* menu.

If you are on a LAN system and the titling feature does not work, contact your administrator.



Getting Started

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The information from the Internet appears on your screen.

If the information cannot be retrieved from the Internet, enter it manually.

Important Note: If the information is not entered, titling and sorting information will not be available in the library.

Press *View Track Info* for information on the artist of the track.



B. Select the tracks you want to play or record.

- To start or stop playback, click *play*.
- To start or stop recording, click *record*.
- To pause playback, press *pause*.
- To stop playback and recording, press *stop*.



C. After recording is complete, the songs will be stored in the Playlist.

19. Download music from the Internet.

A. Click the *Music Guide* icon to have RealJukebox connect you to the Internet.

B. Download the music you select to your PC, and add it to your playlists.

Note: You can also download files using your regular browser. Just be sure to import (and/or move) them into RealJukebox.



Getting Started

You can also search the internet to download the music you want through the search mode.

- A. Click the *Search* icon on the mode selection row.
- B. Key in information on how you want the search to be done.



20. Organize the Playlist.

A. All tracks can be grouped by *Genre*, *Artist / Album*, or *all three*. Choose *Music Files* from *Preferences* in the *Tools* menu.



B. Click *Change Sub-Folders...* to select the groupings, that you would like to use for your music (any combination of *Artist*, *Album*, or *Genre*). Click *OK*.



C. Click the *Genre or Artist/Album* icon on the mode selection row to view the groups of songs.

To play a song, double click it or highlight it, and press play.

Getting Started

EN

21. Create a Playlist for playing or downloading.

A. Click the *Playlist* icon in the mode selection row. Click *New Playlist* button on the right of the screen.



B. Fill out the *Create Playlist* form to give specifications as to the name of the new playlist, which tracks to put into the playlist and the location where you want to put it.



C. Press *Add Tracks* on the right hand side in Playlist mode. Click on the song(s) you want to add to the playlist so it is highlighted. Press *Add Tracks >>* to store. Repeat this step to enter additional tracks.

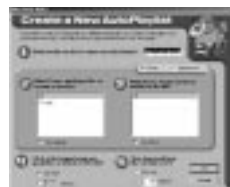


Note: Click to select a song, Shift and click to select groups of songs, or Ctrl and click to select multiple songs.

Getting Started

22. Create an Auto-Playlist.

A. Click the *Auto-Playlist* icon in the mode selection mode. Click *New Auto-Playlist* button on the right of the screen.



Click and highlight the the playlist you want to edit. Click *Edit Autoplaylist* on the right side column to change preferences at any time.

B. Fill out the *Create a New Auto Playlist* form to give specifications as to how songs will be organized in the the new Auto playlist.

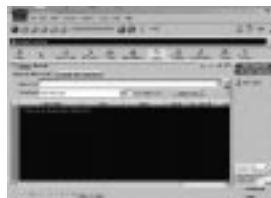
All tracks saved on your PC will automatically be placed in this folder if track information follows specifications.

23. Searching for Tracks

A. Click on the *Search* button on the mode selection bar.

B. Click on the *Search All Tracks* page.

C. Key in the music you wan to search for and Click *Search Now* to begin search.



Getting Started

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24. Radio

A. Click on the *Radio* icon on the Mode Selection bar.

B. Click on the *Features* page to search for stations according to Featured Genre

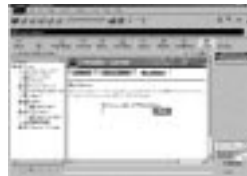


or view Featured Stations.

Click the *Find Station* page to search the internet for the type of station you like to find.



A. Click *My Stations* to view stations that you have bookmarked in the past.



B. To add a station to your My Station list, click on the **+** button beside the station you want to store.

C. Your RealPlayer will automatically open when you click on a station to listen to the internet radio

Note: First time users of RealPlayer will need to fill out the registration form to personalize RealPlayer.



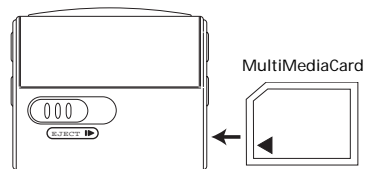
Getting Started

25. Transfer the audio files to the Thomson Lyra Pocket player.

Use RealJukebox to transfer music files to the MultiMediaCard or built in (internal) flash memory for the Thomson Lyra Pocket player.

Important Note

Removing the MultiMedia card or unplugging the USB cable before the data is completely written may cause loss of data or damage to the contents of the MultiMedia Card and internal flash memory.



- A. Make sure Thomson Lyra Pocket device(s) are listed in the Organizer under *Devices/Storage*.

If a MultiMediaCard is present in Thomson Lyra Pocket player and it needs to be formatted, a screen will be displayed prompting you to format the card.

Click *OK* to properly format the card for use with Thomson Lyra Pocket player. Click *Cancel* to format the card at a later time. The External memory device will not be available until the card is properly formatted or a different MultiMediaCard is inserted.

Note: Formatting the MultiMediaCard will erase the contents of the card.

Note: If the *Internal* device is not listed, check all connections, click the *Refresh* button to refresh the portable device memory list. If the *External* device is not listed make sure the MultiMedia Card (if present) is properly inserted in the player, click the *Refresh* button to refresh the portable device memory list. Restart your computer, and consult online troubleshooting for possible causes if problem persists.

- B. Double click Thomson Lyra Pocket icon to display the memory devices or click on the  button beside Thomson Lyra Pocket icon on the *Organizer* directory.

Getting Started

EN

25. Transfer the audio files to Thomson Lyra Pocket player (continued)

C. Double click the *Internal* device icon to view contents of the built-in flash memory
or
Double click the *External* device icon to view contents of the MultiMediaCard (if present).



D. Click the *Add Tracks* icon on the right side column. Select the music and click *Add Track>>* button on the bottom.

Note: Click to select a song, *Shift* and click to select groups of songs, or *Ctrl* and click to select multiple songs. Click *Close* when all music tracks have been selected.

E. After you have selected all of the music you want to record to the selected device, double click the appropriate icon. File size and availability are listed in the status and window displays.

F. Click the *Begin Transfer* button on the right of the screen to download your songs to the selected device (Thomson Lyra Pocket Internal or Thomson Lyra Pocket External)

After transfer is complete, repeat process as needed until all desired music tracks have been downloaded to either the Thomson Lyra Pocket Internal or External devices

G. Click *Exit* under the File menu to close RealJukebox.

H. Disconnect the USB cable from Thomson Lyra Pocket player.

Caution

Disconnect the Thomson Lyra Pocket USB cable only after data is transferred.

Disconnecting the USB cable before the data is completely written may cause loss of data or damage to the Thomson Lyra Pocket player.

Note: If using Windows 2000, *must* stop Thomson Lyra Pocket device first before disconnecting USB cable to avoid loss of data or damage to the device.

Click the *Unplug or Eject Hardware* icon from the system tray and select *Thomson Lyra Pocket Player* item and click *Stop*. See the *Windows 2000 Help* for further details on the *Unplug or Eject Hardware* topic.

Getting Started

26. Install Thomson Lyra Pocket user's guide and documentation.

After you have installed the music Software and placed Thomson Lyra Pocket software CD in the CD ROM drive as described on section 1, follow these directions to install Thomson Lyra Pocket User's Guide and documentation.

A. Display the *Select Components* screen.



B. Click the *Install Thomson Lyra Pocket User's Guide and documentation* button.

C. Select the *Destination* folder where you want Thomson Lyra Pocket User's Guide installed and click *Next*.



D. Select the location for the program icons and click *Next*.



E. Click *Finish* to complete the installation.



Before You Begin


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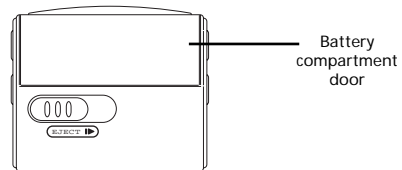
1. Insert batteries into the player

A. To insert batteries, lift open the battery compartment door.

B. Insert 2 "AAA" (LR03) batteries with polarities corresponding to indications on the compartment. (Refer to "More information" on page 45 for battery precautions.)

C. Close the door to the battery compartment

Note: Refer to the power level indicator on display for battery level.  Replace with new batteries when the indicator is empty.

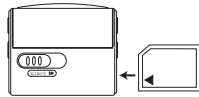


Before You Begin

2. Inserting a MultiMediaCard (Optional)

The player has built-in flash memory. To extend the playtime, you can use the optional MultiMediaCard slot.

A. Insert a MultiMediaCard into the card slot when the player is off as the diagram shows:

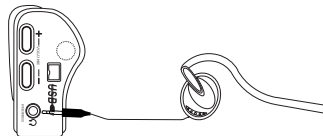


B. To remove card, slide **EJECT** in the direction of the arrow.

Caution: Do not remove MultiMedia Card during playback or when power is on. It may result in damages to the unit and the card.

3. Using Headphones

Insert phone jack into **PHONES** on the side of player for listening.

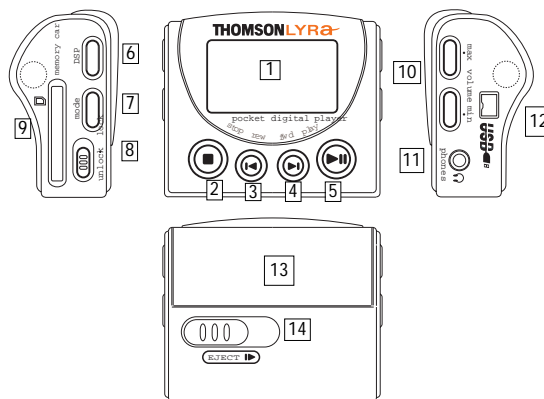


Note: Have a Blast- Just Not in Your Eardrums. Make sure you turn down the volume on the unit before you put on headphones. Increase the volume to the desired level only after headphones are in place.



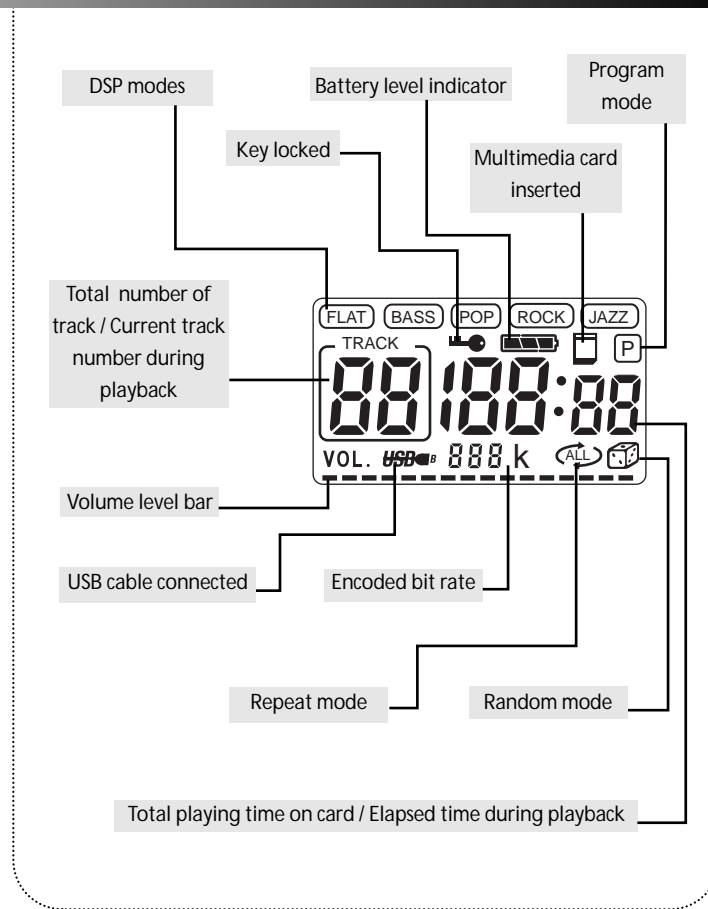
General Controls

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- | | |
|---|---|
| <p>1. Display</p> <p>2. stop - Stop playback and turn unit off .</p> <p>3. rew - Skip back to last track. Press and hold to search backward within the same track.</p> <p>4. fwd - Skip to next track. Press and hold to search forward within saved tracks.</p> <p>5. play - Turn unit on, start playback and pause.</p> <p>6. DSP - Select among DSP modes. (Flat, Bass,Pop, Rock,Jazz)</p> | <p>7. mode - Select between repeat, program and random playback modes.</p> <p>8. unlock•lock - To lock keys to avoid accidental key activation.</p> <p>9. memory card - Slot for inserting MultiMediaCard.</p> <p>10. volume - Adjust sound volume.</p> <p>11. phones - Insert headphones.</p> <p>12. USB - Connect USB cable.</p> <p>13. Battery compartment door</p> <p>14. EJECT - Slide to eject MultiMedia Card.</p> |
|---|---|

Display



Operation

EN

General operation



- Press **play** to turn the unit on. Total number of tracks and playing time show on display. Playback then starts automatically from the first track.
- In stop mode, press **play** to start playback of selected track. Current track number, elapsed playback time and encoded bit rate show on display.
- Press **play** during playback to pause playing and press **play** again to resume playback.



- During playback, press **stop** to stop playback (Stop mode) with total number of tracks and playing time shown on display.
- Press **stop** again to turn unit off. (The unit will also turn itself off automatically after about 1 minute if there is no key activation.)



- In stop mode, press or to select desired tracks.
- Press once to skip to next track starting. Press and hold for quick forward scan of playing track.
- Press once to return to previous track start. Press and hold for quick backward scan of playing track.



unlock lock

- Press **max** or **min** to adjust sound volume. Refer to the volume bar on display for sound level.

Operation



DSP

• Press repeatedly to select among the DSP modes:

FLAT > BASS > POP > ROCK > JAZZ



Play modes

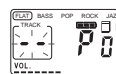
• Press **MODE** repeatedly during playback for the following playback modes:

Off (Normal playback) > Repeat All > Shuffle > Shuffle and Repeat All > Program > Program and Repeat All.



Programming Tracks

1. Press and hold **mode** for 2 seconds in stop mode to enter program mode. You will see 'P' icon lit representing program mode, flashing '-' for track selection and 'P01' for program list position.

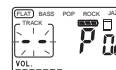


2. Press (left arrow) or (right arrow) to select a track. Selected track number will flash.



3. Press **mode** to confirm selection.

4. Press **mode** again to skip to the next programming position.



5. Repeat steps 2-4 for further selections. Maximum 10 selections can be made.

6. Press **stop** to exit programming mode or unit returns to stop mode automatically after 30 seconds if no keys are activated.

See section on "Play Modes" to playback programmed tracks.

Operation

EN

Editing program

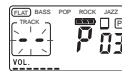
1. In stop mode, press and hold **mode** to enter programming mode.



2. Press **mode** to select the programmed track to be deleted.




3. Press and hold **DSP** for about 3 seconds to delete unwanted track from your program list. ' - - ' shows to indicate track deleted from the program.

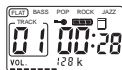


4. Repeat steps 2 and 3 to delete additional tracks from the program.


5. To cancel editing program, press **stop** once to return to stop mode OR the unit will automatically exit the editing mode after 30 seconds if no keys are activated.

Key Lock

To avoid accidental key activation, slide the **hold** key to **lock** position to lock keys. Lock icon  can be seen on display. Slide to **unlock** position to unlock keys.



File Download

When the unit is connected to the computer, **USB**  will be displayed on the screen.



During transfer, the icon will flash. When the transfer is complete, the icon will remain lit, the total number of tracks and total playing time will be displayed.

NOTE:

See *Getting Started* (sections 2-5 and 15) for instruction to install USB driver and music management software.

See sections *Getting Started* (sections 14 or 34) for procedures to transfer tracks to player and/or memory card.

Troubleshooting Tips

Thomson Lyra Pocket player does not turn on when *PLAY* button pressed.

- Batteries may be inserted incorrectly. (Refer to page 37 for details)
- Batteries may be empty. (Refer to page 37 for details)
- **LOCK** button may be activated. (Refer to page 43 for details)

Skipping tracks or bad sound quality?

- Repeat, random or program function may be activated. (Refer to page 42 for details)
- 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?

- Check if MultiMediaCard is properly inserted. MultiMediaCard icon should be displayed.
- **LOCK** button may be activated. (Refer to page 43 for details)
- There may be no MP3 tracks in the card or internal memory.
- MultiMediaCard may be damaged.

Cannot play MP3 track on Thomson Lyra Pocket player?

- Track encoded bit rate may not be between 32 to 320kbps
- Note: For better result, we recommend a constant encoded bit rate from 32 to 320kbps. Nevertheless, your unit may play tracks encoded in variable bit rate (VBR).

USB icon or display does not appear when connected to computer.

- Check connection between your unit and the computer. (Refer to page 3)
- Check if USB drivers are properly installed (Refer to page 3)

Lyra Helpline

More help is available on www.thomson-lyra.com and phone numbers of the Lyra helpline per countries are listed below.

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HELPLINE THOMSON

Votre Contact THOMSON: 0 810 810 891, de le 16.10.2000
(pour la France, prix d'un appel local)

Ihr Kontakt zu THOMSON: 0180 1000 390, ab 16.10.2000.
(für Deutschland, Kosten zum Ortstarif)

You can contact THOMSON by dialling: 0845 601 3093, from 16 October 2000
(For Great Britain, all calls will be charged at local rate)

Para contactar con THOMSON marque: 901 900 410, a partir del 16.10.2000
(las llamadas serán cargadas al precio de la tarifa local)

Il vostro contatto THOMSON: 8488 10 168, dal 16.10.2000
(tariffa chiamata urbana)

www.thomson-europe.com

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