THOMSON

PDP2648S
PDP2656S
PDP2662S

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 euipo.

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 elecrtric 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.

Safety Information

Sound Pressure Control

**S.P.C
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 55700930) 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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Your THOMSON product is designed and manufactured with high quality materials and components which can be recycled and reused.

This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.

Please, dispose of this equipment at your local community waste collection/recycling centre.

In the European Union there are separate collection systems for used electrical and electronic product.

Please, help us to conserve the environment we live in!

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Table of Contents

Before You Begin

**"Dear Thomson Customer,
Thank you for purchasing the Thomson Lyra^{TM} 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
• Headphones
• Belt clip
• Armband

Warning:
The armband is designed for carrying the player on upper arm only. DO NOT wear the armband on other parts of the body such as the neck to avoid choking hazard or breathing difficulty.

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. 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

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 320kbps
wma – 48 to 192kbps

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.
• 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.

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.

Before You Begin

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, use a coin to turn the screw to unlock the battery compartment.
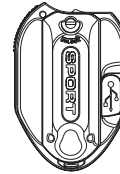
2. Lift up the battery compartment.
3. Insert a "AA"(UM3) battery with polarities corresponding to the indications on the compartment. (Refer to "Before You Begin" for important battery information.)
4. Place the battery compartment to the original position, lock the compartment with the screw.

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

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.
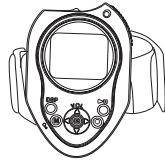
Caution:
Do not insert ear hook into your ears.

How to Use Your Armband

1. Snap the belt clip to the back of the unit. Recommend inserting the top of the clip in first and then snapping the bottom into place.
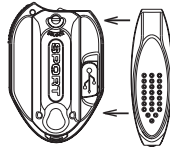
2. If using the armband, just slide the belt clip through the armband vinyl clip holder.

3. The unit will seem to have a lot of movement within the strap, but once it is on the arm the slack and movement will be less.

Before You Begin

Connecting the Lyra Player to your Computer

1. Lift the rubber cover that is covering the USB socket on the back of the player.
2. Insert the smaller end of the USB cable into the socket on the unit tightly.
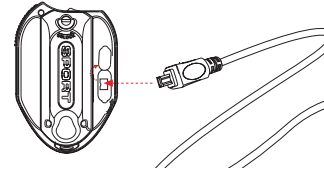
3. Insert the larger end of the USB cable to the USB socket on the back of the computer.
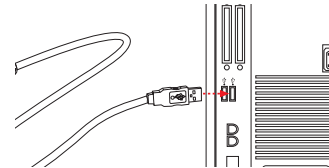
Note
Refer to the "USB Driver Installation; MusicMatch Jukebox™ Software" instruction manual for procedures in setting up USB drivers and transferring files to the player.

Note
You must profile your contents on your PC or on player menu setting after file transfer in order for the new files to appear in the Navigation Menus. Refer to the "USB Driver Installation; MusicMatch Jukebox™ Software" instruction manual for profiling details.

General Controls
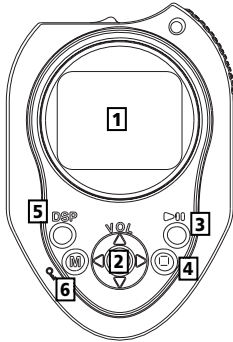
Front View
1. **Display** - Shows user interface.

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

DOWN (▼) - Scrolls down when navigating through the menu and moves the cursor down.
In 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.
RIGHT (►) - Enters the selected menu.
In music mode - Skips to the next song. Press and hold to scan forward.

3. **ON/PLAY/PAUSE** (►II) - Press and hold turns the unit on.
In music navigation mode - Starts music playback.
In music playback mode - pauses and resumes playback.
In stopwatch mode - Stops / Starts timer.

General Controls
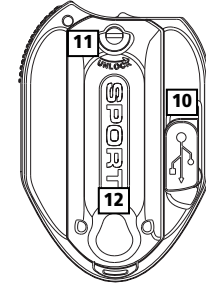
4. **OFF/STOP** (■) - Turns the unit off. Press and hold in any mode to turn off the unit.
In music playback mode - Stops music playback.
In stopwatch mode - Resets timer.

5. **DSP** - Changes DSP setting in music playback mode.

6. **M / LOCK** (⚷) - Accesses the menu. Press and hold to lock and unlock the unit.

Top View
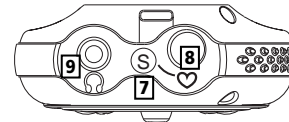
7. **S** - Enters / exits sports mode.

8. **Pulse rate sensor** ♥ - Place your finger here for pulse rate measurement.

9. Headphones Jack (⌒) - Insert the headphones plug here

Back View

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

11. Turn the screw to unlock the battery compartment.

12. Battery Compartment - Insert battery here.

General Controls

Display Overview
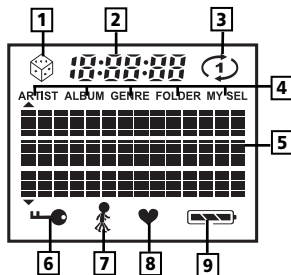
1. The shuffle icon is displayed when random playback is selected.

2. The song elapse time is displayed during music playback.

3. The repeat icon is displayed when the repeat feature is activated.
 ⟳ - indicates repeat one song
 ⟲ - indicates repeat all songs in the current view.

4. These icons indicate the current sorting method.

5. In music mode, this section shows song information.

6. The lock icon is displayed when the key lock function is activated.

7. The stopwatch icon is displayed when stopwatch function is activated.

8. The heart icon is displayed when measuring pulse rate.

9. The battery indicator shows the battery level.
 ▱▱ - Battery is full
 ▱▱ - Battery is empty
 When the battery is almost empty, the icon blinks.

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          ▶
```

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.

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

Menu Navigation

Music Sub-menu

```
▶  Repeat       Off
   Shuffle      Off
   DSP          Flat
   Clear MySel
   Profile
   Settings     ⋈
   Mem Usage    ⋈
   Version      ⋈
```

Sports Sub-menu

```
▶  Stopwatch
   Calorie
   Pulse Rate
   Personal Info
```

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** (◀).

Digital Music Operation

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

Selecting Music Mode

1. If the unit is in another mode, press **M / LOCK** (🔒) to view sub-menu.

```
▶  Go to Music
   Settings     ⋈
```

2. Use **UP** (▲) or **DOWN** (▼) to move the cursor to *Go to Music* for music mode and press **RIGHT** (▶) to select.

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.
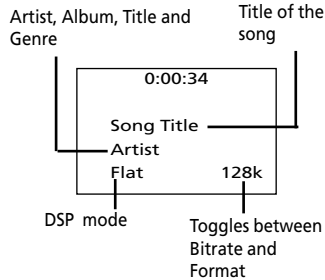- Press **ON/PLAY/PAUSE** (▶❚❚) again to resume playback.

Digital Music Operation

Display (when music is playing)

Artist, Album, Title and Genre

Title of the song

```
          0:00:34

        Song Title
        Artist
        Flat        128k
```

DSP mode

Toggles between Bitrate and Format

Skipping Tracks
- To go to the previous track, press and release **LEFT** (◄) within the beginning 4 seconds of the current track. Otherwise, press and release **LEFT** (◄) twice.
- 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

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**
> You can also select a folder ⬛ and add all songs inside to 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).

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.*

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).

Clear My Selections
1. In the *MySel* folder, press **M / LOCK** (🔒) to view music sub-menu.
2. Use **UP** (▲) and **DOWN** (▼) to move the cursor to *Clear MySel* and press **SELECT**.

```
      Shuffle      Off
      DSP          Flat
   ▶  Clear MySel
```

Digital Music Operation

View Music Sub-menu

Press **M / LOCK** ( ) to view the music sub-menu at any time in music mode.

Repeat

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

```
  ▸ Repeat        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.

```
  ▸ Shuffle       Off
    DSP           Flat
    Clear MySel
```

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.

```
    Shuffle       Off
  ▸ DSP           Flat
    Clear MySel
```

2. Press **SELECT** to select among Flat (default), Bass, Pop, Rock and Jazz.
3. Or you can press **DSP** to change the DSP directly (music mode only.)

Audible File Operation

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 Files

• To skip to the next file, press and release **RIGHT**(▸).
• To go to the previous file, press and release **LEFT**(◂).

For multisection files, pause the unit before following the above steps. Otherwise, the unit will skip to next/previous section only.

Scan Files

• 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.

> **Note**
> This unit only supports audible files in format 2, 3 and 4.

Sports mode

Selecting Sports Mode

1. In any mode, press **S** to enter sports mode directly.

Tip
Entering sports mode will not affect normal music playback.

Selecting Stopwatch mode

1. In sports mode, use **UP** (▲) and **DOWN** (▾) to move the cursor to *Stopwatch.*

```
▸ Stopwatch
  Calorie
  Pulse Rate
```

2. Press **SELECT** to enter stopwatch mode.

Sports mode

Stopwatch

In stopwatch mode,

- Press **ON/PLAY/PAUSE** (▸❚❚) to start timer.
- Press **ON/PLAY/PAUSE** (▸❚❚) again to stop timer.

```
Stopwatch
0:03:00.00
```

- When the timer is stopped, press **ON/PLAY/PAUSE** (▸❚❚) to resume.
- When timer is stopped, press **OFF/STOP** (■) again to reset timer.

Multiple Lap Timing

In stopwatch mode, when the timer is running, press **SELECT** to set a lap time.

```
0:05:00.00
Lp1  0:05:00.00
```

When the second lap time is set, the unit will display the lap difference on the display for 2 seconds.

```
0:12:00.00
Lp2  0:07:00.00
  + 0:02:00.00
```

After 2 seconds, the average lap time will be displayed.

```
0:12:00.00
Lp2  0:07:00.00
Avg 0:06:00.00
```

Press **ON/PLAY/PAUSE** (▸❚❚) again to stop timer, you can review all the lap times after pressing **OFF/STOP** (■).
Press **OFF/STOP** (■) again to clear all lap times and reset the timer.

Tip
You can take a maximum of 9 lap times.

Sports mode

Selecting Pulse Rate Mode

1. In sports mode, use **UP** (▲) and **DOWN** (▼) to move the cursor to *Pulse Rate*.

```
      Stopwatch
      Calorie
 ▶    Pulse Rate
```

2. Press **SELECT** to enter pulse rate mode.

Attention

This device is a novelty item not meant to be a piece of medical equipment and it is to be used solely as an approximate calculation to aid in the monitoring of one's general health parameters during exercise. You should consult with your doctor before starting any exercise program.

Note

• Place your finger on the sensor gently, applying too much pressure to the sensor may lead to measurement error or inaccuracy.
• Do not move your finger when measuring pulse rate.
• Do not take measurements while moving
• Do not measure if finger is dirty or oily
• Do not expose the sensor directly to sunlight during measurment.

Measuring Pulse Rate

1. Follow the above instructions to enter pulse rate mode, the unit will ask you to place finger on the pulse rate sensor.
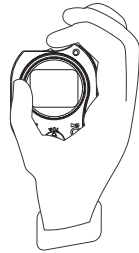
2. Slightly place your finger on the sensor, the heart icon will blink at the same rate as your pulse rate, pulse rate will be displayed after the measurement is finished.

```
      Pulse Rate
       72 bpm
```

Tip

During pulse rate measurement, normal music playback will not be affected.

Sports mode

Personal Information

1. In sports mode, use **UP** (▲) and **DOWN** (▼) to move the cursor to *Personal Info*.

```
 ▶    Personal Info
```

2. Press **SELECT** to enter personal information mode.
3. Use **UP** (▲) and **DOWN** (▼) to move the cursor to age or weight.

```
 ▶    Age         20y
      Weight     170lb
```

4. Press **SELECT** or **RIGHT** (▶) to change the highlighted item, use **UP** (▲), **DOWN** (▼), **LEFT** (◀) and **RIGHT** (▶) to adjust, then press **SELECT** again to save.

```
 ▶    Age         20y
      Weight     170lb
```

Note

• The calorie calculation will not take place if the second pulse rate measured is below or equal to 104bpm.
• You have to input the personal information (age and weight) prior to activating the calorie feature.

Selecting Calorie Mode

1. In sports mode, use **UP** (▲) and **DOWN** (▼) to move the cursor to *Calorie*.

```
      Stopwatch
 ▶    Calorie
      Pulse Rate
```

2. Press **SELECT** to enter calorie mode.

Calorie Measurement

The calorie burnt calculation is based on the following parameters.
• Age
• Weight
• Current Pulse Rate
• Pulse Rate at previous measurement

Measuring Calories Burnt

1. Before doing exercise, follow the above instructions to enter calorie mode, the unit will ask you to place finger on the pulse rate sensor.

```
      Calorie
    Place finger
     on sensor
        ♥
```

2. Place your finger on the sensor, the heart icon would blink at the same rate as your pulse rate, pulse rate will be displayed after the measurement is finished.

```
      Calorie
    Measuring 1st
     Pulse Rate
        ♥
```

3. After finishing the exercise, measure the pulse rate again, then the current pulse rate and calories burnt during exercise will be displayed.

```
   Calories Burnt
     1200 kcal
        ♥
```

System Settings

Settings

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

```
       Profile          ⏮
   ▶   Settings         ⏮
       Mem Usage        ⏮
```

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

```
       Contrast        0
   ▶   Backlight      10S
       Powersave       3m
```

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
   Powersave : 1m, 3m, 5m, Off
   Language : Engl, Fran, Deut, Espa, Ital
   Unit : English, Metric

Memory Usage

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

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

```
       Profile          ⏮
       Settings         ⏮
   ▶   Mem Usage        ⏮
```

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

```
       Free / Total
       167M / 246M
```

System Settings

Version

1. Press **M / LOCK** (🔒) to view music sub-menu.
2. Use **UP** (▲) or **DOWN** (▼) to move the cursor to *Version*.

```
       Mem Usage        ⏮
   ▶   Version          ⏮
```

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

```
       Version 0.10
```

More Information

Check for Updates

Visit http://www.thomson-lyra.com 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 http://www.thomson-lyra.com.

Troubleshooting Tips

The player does not turn on when the PLAY button is pressed?
• Batteries may be inserted incorrectly.
• Batteries may be empty.

Skipping 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 internal memory.

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 320kbps for mp3 and 48kbps to 192kbps for Windows Media Audio.
Nevertheless, your unit may play tracks encoded in variable bit rate (VBR).

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.

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 remove and reinstall the batteries. If the unit is connected to the computer via USB cable, disconnect and reconnect of the USB cable is required.

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

More Information

📞 HELPLINE THOMSON

Votre Contact THOMSON : 0 826 820 456
(pour la France 0,15 € / mn)

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

You can contact THOMSON by dialling: 0871 712 1312
(For Great-Britain, all calls will be charged 0,10£ / mn)

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

THOMSON

PDP2648S
PDP2656S
PDP2662S

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™)

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Table of Contents

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 Thomson Customer,
Thank you for purchasing the Thomson 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

1

Before You Begin

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 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 ME/2000/XP no additional drivers are required.
• If you're running Windows 98SE, 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.

Getting Started

Preferred Language

Select your preferred language, then click *Next* to continue.

Install the USB Driver (Windows 98SE Only)

For Windows 98SE systems, you need to install a USB driver before your computer can recognize your Lyra player. It will be installed automatically by following steps on the next page.

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 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

Audible welcome

Click for additional information about audible.

![Note icon]
Note

You must register with Audible to download the Audible Manager software. Please make sure to read the terms of use before registering.

Install Additional Services

Click for additional digital music services provided by our partners.

Rebooting the computer

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

Installation completed

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

Getting Started

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).
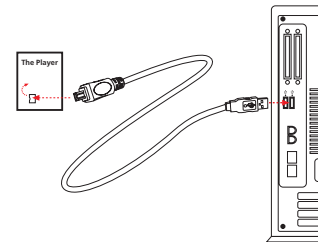

The MusicMatch icon found in your computer's system tray.

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 icon]
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.

Note
The Lyra Digital Audio Player is capable of transferring files at full-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 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 (e.g. MusicMatch Jukebox) 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.

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

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.

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.

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.

Transferring Music

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.

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.

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.

File Management

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.
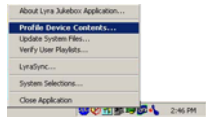
4. Click *Done* when profiling is complete.

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.