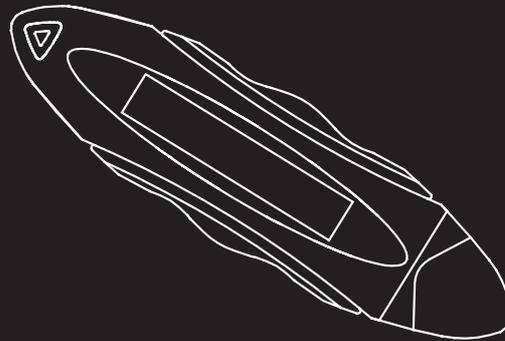


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92648 Boulogne
Cedex FRANCE
www.thomson.net

TOCOM (v0.4)

PDP2256K
PDP2262K
PDP22G1K

It is important to read this instruction book prior to using your new product for the first time.

Safety Information

EN

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

Articles L44.5 and 44.6 of the Code on Public Health modified by Article 2 of the Law dated May 28th 1996 impose a maximum acoustic output of 100 decibels. The headphone provided (code 557009300) and your player do abide by the legislation in force. Prolonged listening in full power may irreversibly damage the user's hearing.

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Before You Begin

EN

Dear Thomson Customer,
Thank you for purchasing the Thomson Lyra™ Digital Audio Player.
This product is compatible with most secure music downloads from WMA-compliant services that support DRM.

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 extension cable**
- **Clip earphones**
- Neck Strap

What's so special about this mp3 player?

This player is meant to play mp3, audible and Windows Media™ audio files. To do so, you need the use of a Windows computer with USB port, **extension 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 (SP3 or higher), or XP
- Mac OS X Version 10.1.5 or higher
- Internet Explorer 4.0 or higher
- Internet access
- 100MB free hard disk space for the software
- 64MB RAM (128 MB recommended)
- CD-ROM drive capable of digital audio extraction
- USB port (2.0 recommended)
- Sound card

Before You Begin

EN



Warning:

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.

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.

Important Battery Information

- **When storing the unit, be sure to remove the battery because they may leak and damage the unit.**
- **Battery 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.**
- **Discard leaky battery immediately. Leaking battery may cause skin burns or other personal injury.**
- **Dispose of battery, according to federal, state and local regulations.**

Before You Begin

EN

Please Respect the Environment!



Before throwing any battery 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.

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.

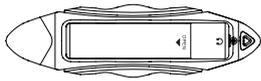
Please, help us to conserve the environment we live in!

Before You Begin

EN

Inserting battery into the player

1. Remove the battery door by applying thumb pressure, then lift the battery door out and off the cabinet.



2. Insert a "AAA/LR03/R03" battery with polarities corresponding to the indications on the compartment. (Refer to "Before You Begin" for important battery information.)
3. Close the door of the battery compartment.



Note

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

Using Headphones

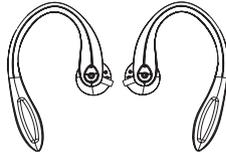
Insert phone plug into the headphones jack () on the back of player for listening.

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.

How to Use Your Clip Budphones

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

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



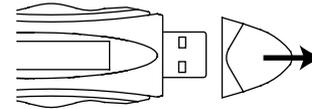
2. For best sound quality, make sure the earpad fits closely with your ear.

Before You Begin

EN

Connecting the Lyra Player to your Computer

1. Lift the cover that is covering the USB connector on the player.
2. Insert the USB connector of the player into the USB port on the computer tightly.



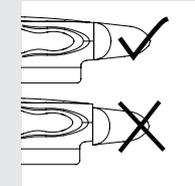
Note

Refer to the Software Instruction manual for procedures in setting up USB drivers and transferring files to the player.



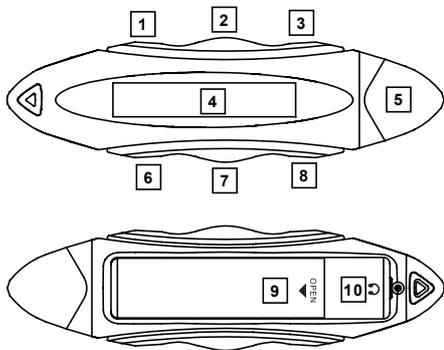
Note

Remember to replace the cover after use in correct direction so that it matches well to the shape of the unit.



General Controls

EN



- 1. VOL -** - decreases the volume.
- 2. M** - Press to enter / exit setting mode. Press and hold to lock or unlock the unit.
- 3. VOL +** - increases the volume.
- 4.** Display
- 5.** USB connector cover
- 6. ⏮** - In menu mode, press to go to previous options. In music mode, press to skip to previous files.
- 7. ▶||** - Press and hold to turn on or off the unit. In menu mode, press to confirm selection or cycle among available options. In music mode, starts and pauses playback.
- 8. ▶▶** - In menu mode, press to go to next options. In music mode, press to skip to next files.
- 9.** Battery compartment
- 10.** 🎧 headphones jack - Insert the headphones here.

mp3 / Audible Playback

Display

EN



- 1.** Playback status - Play / Pause
- 2.** Current file number
- 3.** Elapsed playback time
- 4.** Shuffle mode.
- 5.** Repeat mode.
- 6.** The lock icon is displayed when the key lock function is activated.
- 7.** Battery level indicator.
- 8.** Song title / artist name (if available)

mp3 / Audible Playback

EN

Press and hold **▶||** to turn on the unit, use **◀◀** or **▶▶** to select file to play.

Play / Pause

- Once the file that you want to play is shown on the display, press **▶||** to begin playback.
- Press **▶||** once to pause playback, press again to resume playback.

Skipping Files

- To skip to the next file, press and release **▶▶**.
- To go to the previous file, press and release **◀◀** within the beginning 4 seconds of the current file. Otherwise, press and release **◀◀** twice.

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



Note

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

Scanning Files

- To scan forward, press and hold **▶▶**.
- To scan backward, press and hold **◀◀**.

Adjusting the Volume

- To turn up the volume, press **VOL +**. The volume level shows briefly to indicate the increase in volume level.
- To turn down the volume, press **VOL -**. The volume level shows briefly to show the decrease in volume level.



Tip

Press and hold **▶||** to turn the unit on or off. Press and hold button **M** to lock or unlock the unit.

Playback Functions

EN

Shuffle / Repeat

- Press **M** to bring up the setting menu. Press **◀◀** or **▶▶** to select Shuffle or Repeat.

Shuffle	Off
---------	-----

Repeat	Off
--------	-----

- Press **▶||** repeatedly to select among:

Shuffle: Off / On
Repeat: Off / One / All

- Press **M** to exit setting menu.

DSP

- To change DSP setting, press **M** to bring up the setting menu. Press **◀◀** or **▶▶** to select DSP.

DSP	Flat
-----	------

- Press **▶||** repeatedly to select among:

Flat / Bass / Pop / Rock / Jazz

- Press **M** to exit setting menu.

Other functions

EN

Game

- Press **M** to bring up the setting menu. Press **◀◀** or **▶▶** to select Game.
- Press **▶▶** to start game.
- The game challenges your memory in which you have to memorize the sequence of arrow marks show on the display. Successful repeat of the sequence by pressing the corresponding keys on the unit will bring you to the next level of the game. There are 64 levels. After each level of the game, press **◀◀** or **▶▶** to select YES/NO to continue or quit the game. Press **▶▶** to confirm selection.

Scope

To select whether all files, or only music files or audible files will be played. This selection also applies to repeat and shuffle mode.

- Press **M** to bring up the setting menu. Press **◀◀** or **▶▶** to select Scope.
- Press **▶▶** repeatedly to select among:

Scope: All / Music / Audible
- Press **M** to exit setting menu.

Language

- Press **M** to bring up the setting menu. Press **◀◀** or **▶▶** to select Language.

Language Eng

- Press **▶▶** repeatedly to select among:

Eng / Fra / Deu / Esp / Ita
(English / Francais / Deutsch / Español / Italiano)
- Press **M** to exit setting menu.

Other functions

EN

Memory Usage

- Press **M** to bring up the setting menu. Press **◀◀** or **▶▶** to select Memory Usage.
- Press **▶▶** to show usage.

Free/Total
102M/122M

Firmware Version

- Press **M** to bring up the setting menu. Press **◀◀** or **▶▶** to select Version.
- Press **▶▶** to show firmware version.

Version
1.0

Restore to Defaults

- Press **M** to bring up the setting menu. Press **◀◀** or **▶▶** to select Restore Defaults.
- Press **▶▶** to restore to default settings.

More Information

EN Troubleshooting Tips

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

- Battery may be inserted incorrectly.
- Battery 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 battery. Reinsert the battery 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).

More Information

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 battery. 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.

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More Information

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PDP2256K
PDP2262K
PDP22G1K

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

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

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

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End User License Agreement

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

Before You Begin

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**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

Before You Begin

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What's so special about this mp3 player?

This player is meant to play mp3, audible 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, extension 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.

- 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.



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Getting Started

EN 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*.

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Getting Started

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Audible welcome

Click for additional information about Audible.



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 computer for software to run properly.



Installation completed

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



Getting Started

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Launch the MusicMatch software

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

1. Remove the Music Management CD from your computer.

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



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

Transferring Music

Connecting the Player to the Computer

Connect the Lyra Digital Audio Player to your computer.

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



Note

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

Transferring Music

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Note

The Lyra Digital Audio Player is capable of transferring files at 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 by the online music download service. Please visit the online music download service's website where you purchased your content from for more details on transferring secure music to your player.

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

Transferring Music

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Note

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

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.

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.

Transferring Music

EN Transfer Files via Windows Explorer (Drag and Drop)

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.



Attention
Make sure all data are transferred to the Lyra

Digital Audio Player before unplugging the USB cable.

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.



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.	<ul style="list-style-type: none"> • Press ON button to power on the player after connecting to the computer.
	Cannot access the player via Windows 2000 computer.	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • 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. <p>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.</p> <p>For more information on how license acquisition works, go to www.microsoft.com/windowsmedia/drm</p>