

Tested Devices

2/29/2008

<a href="#">WMA/Janus 32Kbps compatible</a>	Off/On Resume	Time Display	Lock Option	Bookmarking *	Rechargeable Battery	Battery Life	Storage	Price	Firmware version or device tested	Notes
<a href="#">Archos Gmini 402 Camcorder</a>	Yes	HH:MM:SS	Yes	Single Title Only	Yes	30 - 35 hours	20 Gigs or more	\$150 - \$199	1.2.00	Requires WMP v10
<a href="#">Archos 104</a>	Yes	HH:MM:SS	Yes	Two or More Titles	Yes	10 - 15 hours	6 Gigs	\$150 - \$199	1.0.31	Tested on Windows XP with WMP10/11; end of time cuts off last few seconds of title
<a href="#">Creative ZEN 4GB/8GB/16GB</a>	Yes	HH:MM:SS	Yes	Two or More Titles	Yes	20 - 25 hours	15 Gigs	\$200 - \$249	1.11.04	Tested on Windows XP/Vista with WMP10/11
<a href="#">Creative ZEN V</a>	Yes	HH:MM:SS	Yes	Two or More Titles	Yes	15 - 20 hours	4 Gigs	<\$75	1.32.01	May require firmware upgrade. Tested on Windows XP/Vista with WMP10/11
<a href="#">Creative ZEN V Plus</a>	Yes	HH:MM:SS	Yes	Two or More Titles	Yes	15 - 20 hours	1 Gig	<\$100	1.32.01	May require firmware upgrade. Tested on Windows XP/Vista with WMP10/11
<a href="#">Creative ZEN Vision W</a>	Yes	HH:MM:SS	Yes	Two or More Titles	Yes	10 - 15 hours	20 Gigs or more	>\$300	1.10.01	Tested on Windows XP/Vista with WMP10/11
<a href="#">Creative ZEN Vision M 60 GB</a>	Yes	HH:MM:SS	Yes	Two or More Titles	Yes	15 - 20 hours	20 Gigs or more	\$200 - \$299	1.21.02	May require firmware upgrade. Tested on Windows XP/Vista with WMP10/11
<a href="#">Samsung YP-T7JZ</a>	Yes	HH:MM:SS	Yes	Not Supported	Yes	10 hours	1 Gig	<\$100	1.02 US JN	
<a href="#">Samsung YP-Z5</a>	Yes	HH:MM:SS	Yes	Not Supported	Yes	30 - 35 hours	4 Gigs	\$200 - \$299	1.08 US	Book play time gradually stretches; end-of-time of a 21 hour book plays an additional 30 minutes to true end of book
<a href="#">Samsung YP-S5</a>	Yes	HH:MM:SS	Yes	Two or More Titles	Yes	20 - 25 hours	4 Gigs	\$150 - \$199	1.01	Tested on WMP11
<a href="#">Samsung YP-K3</a>	Yes	HH:MM:SS	Yes	Not Supported	Yes	15 - 20 hours	2 Gigs	<\$100	1.09 WA JN	Use of Lock feature highly recommended. Hitting left or right arrow buttons while listening to a book takes you back to the beginning. Tested on Windows XP with WMP11.
<a href="#">Toshiba Gigabeat S30</a>	Yes	HH:MM:SS	Yes	Not Supported	Yes	10 - 15 hours	20 Gigs or more	\$150 - \$199	1.0 (632.4)	uses Microsoft Windows Mobile Software for OS v2.11 (632)

Key:

Required Device Features
Highly Recommended
Optional
Notes

This Tested Players list represents players we have tested satisfactorily with NetLibrary eAudiobooks to date, along with important notes and specific features. We are currently evaluating additional devices as part of an on-going effort to stay up-to-date with the rapidly changing portable device market. Please visit this link periodically for updates and changes:

<http://support.oclc.org/Resolutions/TestedPlayers.pdf>

**Attention iPod and Zune users:**

NetLibrary eAudiobooks cannot be played on the Apple iPod or Microsoft Zune at this time. Those players use technology that is incompatible with the DRM (Digital Rights Management) that protects the eAudiobook content and allows it to expire on the due date.

To see our device feature requirements, please see the next page.



## Device Feature Requirements

- **Must be able to play secure or protected Janus-Compliant WMA files:** Windows Media Audio (WMA) is an audio compression format similar to MP3, but with built-in digital rights management (DRM) for copy protection and usage restrictions. Janus-Compliant devices contain a 'secure clock'. This secure clock is what allows the NetLibrary eAudiobook to expire at the end of the borrowing period.
- **Must be able to play a WMA file bit rate of 32 Kbps**
- **Must be Windows XP or Vista compatible**
- **Must be compatible with Windows Media Player version 10 (WMP v10) or higher:** This is used for transferring or synchronizing files to the device.
- **Must have [On/Off] resume, pause/resume functionality, or true bookmarking:** These features enable you to return to your place in the book. The alternative is to fast-forward to find your place in the book each time you resume reading.
- **Must have an LCD time display of either HH:MM:SS or MMMM:SS:** These time display formats allow the device to play and handle long tracks or files. The time display is also important when returning to a designated place in the book.
- **Must have a minimum of 512 MB of storage**
- **Must pass the NetLibrary Long Play Standard:** The device must be able to play a track with duration of 18 hours or longer (file size usually 256 MB or larger).
- \* **Bookmarking – Check with your portable device manufacturer for specific bookmarking capabilities of your device.**  
We have indicated 3 basic categories of bookmarking functionality.
  - Single Title Only – One or more bookmarks may be offered on the device. Only one bookmark can be set per title. Setting multiple bookmarks on a single title may overwrite the existing bookmark.
  - Two or More Titles – One or more bookmarks may be offered on the device. One or more bookmarks can be set on more than one title.
  - Not Supported – Bookmarking is not offered on the device.

**To see our testing process, please see the next page.**

## NetLibrary Long Play Standard Test

OCLC uses the NetLibrary eAudiobook Moby Dick for standard long play testing due to its length (Size: 298 MB; Duration: 21 hours, 15 minutes, 19 seconds or 1275:19).

The testing process:

1. Using an IE Browser, go to <http://www.netlibrary.com/>
2. Select the "Log In" link (located in the upper left hand corner).
3. Enter your NetLibrary Username and Password.
4. Enter "Moby Dick" in the search box and select the search button.
5. Select "Download this eAudiobook" then choose "Check Out & Download CD Quality".
6. Download and save the file to your desktop.
7. Open the eAudiobook Moby Dick in Windows Media Player (WMP) to obtain the license then transfer or sync it to the device. Please refer to the Going Portable with eAudiobooks brochure for instructions on how to do this: <http://www.oclc.org/services/brochures/goingportable.pdf>
  - Note any problems transferring or syncing the eAudiobook (any errors received)
  - Verify that the eAudiobook plays successfully.
  - Verify that the device bookmarks or pause/resumes successfully, and that the eAudiobook resumes at the same location where the bookmark or pause was set.
  - Verify the device LCD time display and the WMP time display show the same time length for the eAudiobook?
  - Verify whether the time display format is either HH:MM:SS or MMMM:SS.
8. Fast forward to the middle of the eAudiobook (on the device and in WMP) to the same time instance (i.e. 11:37:15 if HH:MM:SS or 697:15 if MMMM:SS).
  - Verify both play the same words at the time mark?
  - Verify the progress bar on the device match the time duration as you fast forward and rewind throughout the eAudiobook. (i.e. for Moby Dick, fast forward to 15:15:15 or 915:15, is the progress bar approximately three-quarters across the display at this time mark?)
9. Fast forward to the end of Moby Dick, then rewind to 5:15:15 or 315:15.
  - Verify the progress bar is approximately one-quarter across the display at this time mark.

10. Fast forward to the end of the eAudiobook on the device and WMP (shown in the LCD time display, i.e. 21:15:19 or 1275:19 for Moby Dick).
  - Verify it is the true end-of-book for the device and WMP.
11. Note the firmware version of the device tested. (Refer to the device manual for instructions on how to display the firmware version information.)

## Devices that do not meet requirements

You may already own an mp3 player or other device that does not meet the Time Display or Long Play requirements. Many portable devices on the market were designed primarily for use with short music files, for example, rather than long eAudiobook files. They may not deliver features that allow you to return easily to your place in the book, or may have problems handling longer files.

The Time Display and Long Play requirements are designed to deliver best functionality regardless of the length of your NetLibrary eAudiobook. Your existing player may still function without those features with short to average-length eAudiobooks, although probably at a less than optimal level.

Without those features, however, your player will not handle the longest NetLibrary eAudiobooks, or those with a play length of more than 18 hours. This usually equates to a file size of more than 256MB.

The average eAudiobook size is 140 MB. So while choosing or using a player, a user should be aware of the size of the individual file and the capability of their player.