



Victor Reader Wave

by HumanWare

Getting Started Session with Victor Reader Wave

Welcome to Getting Started with Victor Reader Wave, the all-new digital talking book player. As you will see, Victor Reader Wave allows you to navigate easily through the structured book, quickly going to desired information. The Victor Reader Wave is intended for users with low vision and learning disabilities. Users will use the Wave display for book information as well as to reinforce the audio prompts and book navigation commands.

Please note that the CD version of this Getting Started session is recorded in DAISY format and starts automatically when you load the CD into your Victor unit.

Your Victor Reader Wave is ready to use after unpacking. Fully charged rechargeable batteries have been installed in the unit. When you need to recharge the batteries, simply connect the unit to a power outlet by inserting the AC/DC adapter's cylinder shaped connector in the power jack which is the uppermost jack of the three jacks located on the right side of the unit and the other end of the AC/DC adapter in an electrical outlet. Note that the Wave will only recharge while it is powered off and plugged into the power mains. The batteries should take about 4 to 6 hours to fully charge. Do not charge the batteries continuously for 24 hours or more. Note that if unplugging the unit while playing, Victor Player will shut down even if it is equipped with batteries. Simply press the power key to restart.

This introductory session will give you the basic information needed in order to use Victor Reader Wave correctly. First you will hear a physical description of the unit. Then we will introduce Victor Reader Wave's Info function and tell you how to adjust playback volume and speed.

We are now ready to start the session.

First, have Victor Reader Wave positioned in front of you. Then locate the double embossed line on the top of the unit and rotate the unit until this double line is positioned at twelve o'clock. You are now ready to explore the Victor Reader Wave.

The Wave contains 20 keys, 12 of which are arranged in a 3 by 4 matrix located under the LCD Display screen, used as numeric keys, refer to Section 4 – Numeric Key Functions for details. The remaining 8 keys are arranged in a clock lower half circle manner, assigned as functions and control keys. refer to Section 2– Basic Functions and Section 3 – Control Functions for details. These 8 keys are divided in three different groups. A single embossed line is used to separate the groups.

The first group contains three buttons : the first one is an oval shape located at two o'clock. It is the **I/O Power** key, press and hold this key to power on/off the unit, it's also used as **Volume and Speed Toggle** key. The second is the **Up** key with an Up arrow shape located at three o'clock. The third is the **Down** key, with a Down arrow shape located at four o'clock. The Toggle key is used to toggle between the speed and the volume. The Up and Down keys are used to increase or decrease the reading speed or volume.

The second group of three buttons contains the **Fast-Forward** key, the **Play-Stop** key and the **Rewind** key. They are located respectively at four, five and six o'clock with right arrow shaped for Fast-Forward, rectangular shaped for Play-Stop, and left arrow shaped for Rewind.

The third group of buttons contains the **Go-to-Page** key and the **Bookmark** key. The Go-to-Page key located at nine o'clock, with square shaped form, can be visually identified by a book page icon. The bookmark key is located at eight o'clock with a diamond shape and can be visually identified by a check mark.

On the right side of Victor Reader Wave, you will find three jacks, one port and one lock switch. From back to front, the first jack, is the Power Jack used to connect the unit to an electrical outlet using the AC/DC adapter. The second jack is the Line Out jack, which is used to plug the unit into a sound system. The third is an unused rectangular shaped port. Next to this port is the earphones or external speaker jack. And finally, a switch to lock the keys. Slide the lock switch towards you to unlock or away from you to lock the keys.

On the front side of the unit you will find the button to open the clam shell CD lid.

Under the unit is the battery compartment. Please note that you can use retail rechargeable batteries or AA alkaline batteries but only batteries supplied by HumanWare will recharge in the unit. However, there is no safety issue if you accidentally plug the unit into the power mains with non HumanWare batteries as the recharge circuit is disabled for retail batteries. Make sure that the flat end of the batteries is placed against the spring in the battery compartment.

This completes the physical description of Victor Reader Wave. Now let's see how Victor Reader Wave is operated.

To turn Victor Reader Wave on, press the oval shaped **I/O** button located at two o'clock. Victor displays the HumanWare logo, player name Wave and firmware version on the LCD screen. You will then hear the message Welcome to Victor, followed by the CD title drop- or NO DISK message if the drive is empty.

Except in *Key Describer Mode*, a CD must be loaded in the drive in order to activate any other Wave functions.

To turn Victor Reader Wave off, press and hold the **I/O** button. Victor then displays POWER OFF and emits a beep just before powering off.

Let's look at the Info key. This allows you to know where you are in the book and gives you different book and Victor Reader Wave information. Simply press the **Info** key (key 0) you hear Info and then use the Previous Element (key 4) and Next Element (key 6) keys to move back and forward through the information.

Now we come to adjusting the reading volume and speed. These two functions have preset default values at start-up. Once the Victor Reader is powered on, the **I/O** button switches to a **Volume and Speed Toggle** button, to adjust the volume, press the **Volume and Speed Toggle** until you hear "volume". Then press the **Up** or **Down** key (located at three and four o'clock). To adjust the speed, press the **Volume and Speed Toggle** key (located at two o'clock) until you hear, "speed". Then press the **Up** or **Down** key (located at three and four o'clock).

Please note that you can also use your Victor Reader Wave to play MP3 and audio CDs. To learn about all of Victor Reader Wave's features in more detail, please refer to the User's guide which will play next. In future sessions you may skip the Getting Started and go directly to the User's Guide by pressing the Next Element key (# 6 key).

We've come to the end of the Victor Reader Wave Getting Started session. HumanWare wishes you many pleasant hours of reading as you come to know Victor Reader Wave better.

User's Guide

About Victor Reader Wave

HumanWare is proud to introduce Victor Reader Wave, the powerful portable digital talking book player.

Victor Reader Wave was designed to play highly structured books, such as reference works and text books, as well as for leisure reading. It allows you to easily navigate the book structure and quickly go to desired information.

With its simple to use functions, you can go directly to a page, move from section to section, or return to your own bookmarked locations.

We wish you many pleasant hours reading structured digital talking books with your new Victor Reader Wave!

Acknowledgement

HumanWare wishes to thank the Canadian National Institute for the Blind Library for recording the Victor Reader Wave Getting Started and User's Guide.

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1. Overview of Victor Reader Wave

1.1 Unpacking the Unit

Victor Reader Wave package contains :

- Victor Reader Wave, the digital talking book player
- An AC/DC adapter and two rechargeable batteries (installed)
- A DAISY format CD-ROM containing a Getting Started session and the User's Guide
- A Quick Reference guide
- Small earphones
- Carrying case

If any of the above items are missing in the package, please contact HumanWare or an authorized service centre.

Telephone: 1 (819) 471-4818

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Fax: 1 (819) 471-4828

E-Mail: ca.support@humanware.com

Website: www.humanware.com

1.2 Physical Description of Victor Reader Wave

First, have Victor Reader Wave positioned in front of you. Then locate the double embossed line on the top of the unit and rotate the unit until this double line is positioned at twelve o'clock. You are now ready to explore the Victor Reader Wave.



1.2.1 LCD Display

The LCD display screen with back light is located right under the double embossed line. The LCD Display reinforces the audio messages and prompts as well as displays the element name at the current reading position, as follows :

- Lines 1 and 2 : Batteries, Volume and Speed setting Icons.
- Lines 3 and 4 : Book title
- Lines 5 and 6 : Section Heading
- Line 7 : Function
- Line 8 : Data

During playback, lines 7 and 8 will contain a progress bar to show the reading position in the book.

NOTE:

*To save battery life, the backlight will automatically be turned off if no key is pressed for 15 seconds.
To turn the backlight on again press any key.*

1.2.2 The Face of the Unit

Have Victor Reader Wave positioned in front of you. Then locate the double embossed line on the top of the unit and rotate the unit until this double line is positioned at twelve o'clock.

The Wave contains 20 keys, 12 of which are arranged in a 3 by 4 matrix located under the LCD Display screen, used as numeric keys, refer to Section 4 – Numeric Key Functions for details. The 8 keys remaining are arranged in a clock lower half circle manner, assigned as functions and control keys. refer to Section 2– Basic Functions and Section 3 – Control Functions for details. These 8 keys are divided in three different groups which are separated by a single embossed line.

- ❑ The first group contains three buttons : the first one is an oval shape located at two o'clock. It is the **I/O Power** key, used to power on/off the unit, it's also used as the **Volume and Speed Toggle** key. The second is the **Up** key with an Up arrow shape located at three o'clock. The third is the **Down** key, with a Down arrow shape located at four o'clock. The Toggle key is used to toggle between the speed and the volume. The Up and Down keys are used to increase or decrease the reading speed or volume.
- ❑ The second group of three buttons contains the right-arrow shaped **Fast-Forward** key, the rectangular **Play-Stop** key and the left-arrow shaped **Rewind** key. They are located at four, five and six o'clock respectively.
- ❑ The third group of buttons contains the **Go-to-Page** key and the **Bookmark** key. The square shaped Go-to-Page key is located at nine o'clock and can be visually identified by a book page icon. The diamond shaped bookmark key is located at eight o'clock and can be visually identified by a check mark.

1.2.3 The Right Side of the Unit

- ❑ On the right side of Victor Reader Wave, you will find three jacks, one port and one lock switch. From back to front, the first jack, is the *Power Jack* which is the uppermost jack of the three jacks used to connect the unit to an electrical outlet using the AC/DC adapter. The second jack is the *Line Out jack*, which is used to plug the unit into a sound system. The third is an unused rectangular shaped port. Next is the *Earphones* or *External Speaker Jack*. Finally, there is a switch to lock the keys. Slide the lock switch towards you to unlock or away from you to lock the keys.

1.2.4 The Front Side of the Unit

- ❑ On the front side of the unit you will find the button to open the clam shell lid.

1.2.5 Under the Unit

- ❑ Under the unit is the battery compartment. Please note that you can use retail rechargeable batteries

or AA alkaline batteries but only batteries supplied by HumanWare will recharge in the unit. However, there is no safety issue if you accidentally plug the unit into the power mains with non HumanWare batteries as the recharge circuit is disabled for retail batteries. Make sure that the flat end of the batteries is placed against the spring in the battery compartment.

1.3 Turning On/Off Victor Reader Wave

- To turn Victor Reader Wave on, press and hold (for at least one second) the oval shaped **I/O** button located at two o'clock. Victor displays the HumanWare logo, player name Wave and firmware version on the LCD screen. You will then hear the message Welcome to Victor, followed by the CD title.
- To turn Victor Reader Wave off, press and hold the **I/O** button again. Victor then displays POWER OFF and emits a beep just before powering off.

NOTE:

To save battery life, Victor Reader will automatically turn off after 2 minutes of inactivity.

1.4 Battery

The Wave uses 2 AA rechargeable (included) or 2 AA Alkaline batteries. Fully charged batteries can last up to about 7 to 9 hours for continuous play of DAISY books. Book navigation commands or playing of non DAISY CD's requires more power and will reduce the battery life.

NOTE:

The Wave will only recharge when it is powered off and plugged into the power mains.

NOTE:

Unplugging the unit while playing, will shut down the Victor Player even if it is equipped with batteries. Simply press the power key to restart.

2. Basic Functions

2.1 Play – Stop

- ❑ To start playing a book, press the **Play/Stop** key.
- ❑ To stop playing a book, press the **Play/Stop** key again.

2.2 Rewind and Fast Forward

These keys allow you to go backward or forward quickly.

- ❑ Press and hold the **Rewind** or **Fast Forward** key until you reach the desired spot, then release it.

2.3 Key Describer Mode

With the Key Describer feature, the user can learn the function associated with each of Victor Reader Wave's keys.

- ❑ The *Key Describer mode* is activated automatically if the player is turned on with no CD loaded.
- ❑ While in *Key Describer mode* you may press any key to hear its function

NOTE:

Except for Key Describer Mode, a CD must be loaded in the drive in order to activate any other Wave functions.

2.4 Cancelling the current operation

- ❑ At anytime to cancel the current operation, press the **Star (*)** Key.
-

3. Control Key Functions

Once Victor is powered on, the *I/O* button becomes a ***Volume and Speed Toggle*** button, to adjust the levels, press the ***Volume and Speed Toggle*** button. Victor announces and displays Volume or Speed alternately after each key press, then use **Up** and **Down** keys to adjust to the desired level.

3.1 Adjusting the Volume

- ❑ Press the ***Volume and Speed Toggle*** button until you hear, “volume”.
- ❑ Press **Up** key or **Down** key to adjust volume from 1 to 10

3.2 Adjusting the Speed

- ❑ Press < the ***Volume and Speed Toggle*** button until you hear, “speed”.
 - ❑ Press the **Up** key or **Down** key to adjust speed from -5 to 10
 - ❑ To set the Speed at the default level, press the **Speed Up** key or **Speed Down** key until you hear a beep.
-

4. Numeric Key Functions

4.1 Numeric Keypad Description

| | | | |
|---------------------|--------------|-----------------------|------------|
| Line one : | 1: Bookshelf | 2: Navigation Element | 3: Unused |
| Line two : | 4: Back | 5: Where am I? | 6: Forward |
| Line three : | 7: Unused | 8: Navigation Element | 9: Sleep |
| Line four : | *: Cancel | 0: Info | #: Confirm |

4.2 Navigation Keys

The **2**, **4**, **6** and **8** are navigation keys which allow the user to easily go from one structural element to another to quickly find desired information.

Victor Reader Wave allows you to navigate by chapter, section, page, paragraph, or any other existing indexed element defined by the producer of the book.

First, choose a navigation element (chapter, page, etc.), using the **2** and **8** keys. Then use the **4** and **6** keys to move from the selected element to another of the same category.

4.3 Selecting a Navigation Element — Keys 2 and 8

Victor Reader Wave gives you a complete list of a book's available navigation elements or levels arranged hierarchically as chapters or sections listed first followed by text elements such as page, paragraph and sentence (if indexed).

Press Key **2** or Key **8** until you hear the desired element. The last element spoken is the one selected.

4.4 Backward or Forward an Element — Keys 4 and 6

Press Key **4** to move backward an element, or press Key **6** to move forward.

NOTE:

You can change the navigation element at any time using Key 2 or Key 8.

NOTE:

When used in a numeric function(e.g. Go to Page), the arrow keys will act as regular numeric keys.

4.5 Bookshelf — Key 1

The Bookshelf provides access to the list of books on the CD.

Press the **Bookshelf** Key, Key **1**.

Press the Key **4** or Key **6** to move from one book to the next.

When you hear the title of the desired book, press the **Pound (#)** Key to confirm your choice. Or, press the Play key to confirm and start playback from your last position in that book.

4.6 Where am I ? — Key 5

The **Where am I ?** Key lets you know where you are at any time. Victor will announce the page and the navigation element level, followed by the heading of the current section.

4.7 Sleep Mode Key — Key 9

The **Sleep Mode** Key lets you program a delay period, after which the unit will turn off automatically.

□ Press the « **Sleep Mode** » Key, Key **9**. The first time you press the key Victor will announce, “sleep off”, meaning that Sleep mode is inactive. Each successive keypress will activate a 15, 30, 45, or 60 minute delay until Victor will automatically power off. The next keypress will disable Sleep again with the “sleep off” message and the cycle then repeats.

□ If you press the Sleep button while sleep mode is active you will hear the remaining minutes until Victor will power off.

4.8 Confirm and Cancel — The pound (#) and star (*) Keys

□ The **Pound (#)** Key allows you to confirm an operation.

□ The **Star (*)** Key allows you to cancel an operation.

4.9 Info — Key 0

The **Info** Key gives direct access to various information. If no book is present, the function will not activate.

□ Press the **Info** Key, key 0. Victor will list all the available items sequentially.

or

□ Press the **Info** Key, key 0.

□ Press Key **4** or Key **6** to move from one item to another.

4.9.1 Available Information Items

□ *Number of pages if the book has page marks.*

□ *Total play time of the book.*

· *Play time elapsed.*

· *Play time remaining.*

· *Number of bookmarks in the book.*

□ *Number of books on the CD.*

□ *Status – battery or power cord operated.*

□ *About Victor Reader Wave.* Gives the software version number and player serial number.

5. Advanced Functions

5.1 Go-to-Page

The **Go-to-Page** function allows you to go directly to a desired page.

- ❑ Press the **Go-to-Page** Key, the upper one in the left column.
- ❑ Enter a page number. Victor will announce the entered Page number.
- ❑ Press the **Pound (#)** Key to go to the selected Page, a voice message will confirm the entered Page number, “Go-to Page” and the entered page number will display on the LCD. Or press the **Play** key to have Victor start playing from the chosen page automatically.

5.2 Go to Heading

The Go to Heading function allows you to go directly to a DAISY heading which can be useful for books with no page marks. You can jump directly to a chapter or section by going to its heading number rather than having to advance sequentially through the book.

- ❑ Press the **Go-to-Page** key twice, (this key is used to toggle between Go to Page and Go to Heading functions).
- ❑ Enter a Heading number. Victor will announce the entered Heading number.
- ❑ Press the **Pound (#)** Key. to go to the selected Heading, and a voice message will confirm the Heading number, , “Go-to Heading” and the entered heading number will display on the LCD. Or to start reading from the chosen Heading automatically, Press Play key.

5.3 Bookmarks

Bookmarks allow you to return to a place quickly and easily. You can place a virtually unlimited number of bookmarks in the same book.

The **Bookmark** Key lets you insert and return to bookmarks, hear them listed or remove them.

5.3.1 Go to Bookmark

- ❑ Press the **Bookmark** Key, the second key in the left column, once or until you hear ‘go to bookmark’.
- ❑ Enter the number of the bookmark you wish to go to.
- ❑ Press the **Pound (#)** Key Victor will go to the bookmark, and announce its number. Or, press the **Play** Key. Victor will go to the requested bookmark and begin play automatically.

5.3.2 Inserting a Bookmark

- ❑ Press the **Bookmark** Key, the second key in the left column, twice or until you hear ‘insert bookmark’.
- ❑ Enter the number from 1 to 9998 you wish to assign to the Bookmark.
- ❑ Press the **Pound (#)** Key to confirm. The bookmark will be stored in memory.

NOTE:

If you confirm without entering a number, Victor will assign the first available bookmark number.

NOTE:

If you enter 9999 as the bookmark number, an invalid entry message will be announced and the action will be cancelled, since this number is reserved to remove all bookmarks. See removing Bookmark.

5.3.3 Bookmark List

- Press the **Bookmark** Key, the second key in the left column, 3 times or until you hear 'bookmark list'.
- Press Key **4** or Key **6** to go from one bookmark to the next. Each time you press the key, you will hear the number of the next bookmark and play will begin.
- Press the **Pound (#)** Key to confirm the current position and continue play.
- Press the **Star (*)** Key to quit the Bookmark list. The function will be cancelled and Victor will return to the previous operation.

NOTE:

When reaching either the "Beginning of Book" or "End of Book" with the Bookmark list, if the user presses the Confirm key the message "Beginning of Book" or "End of Book" will be played again to confirm the move.

5.3.4 Removing Bookmark

- Press the **Bookmark** Key, the second key in the left column, 4 times or until you hear 'remove bookmark'.
- Enter the number of the Bookmark you wish to remove.
- Press the **Pound (#)** Key to confirm. If the number does not exist, Victor will announce an error message. The function will be cancelled and Victor will return to the previous operation.

5.3.4.1 Remove all Bookmarks

- To remove all the Bookmarks in a book, first press the **Bookmark** Key four times or until you hear 'remove bookmark', then press Key **9** four times (entering number 9999). Then press the **Pound (#)** Key to confirm.
-

6. Listening to an MP3 CD

Victor Reader Wave can also play music MP3 or commercial book MP3 CD's.

- ❑ Playback will start automatically after inserting MP3 CDs.
- ❑ During playback the LCD screen displays :

First line : CD title or song title by author scrolling

Second line : Current file number

Third line : Next song title by author

Fourth line : Current song played time

6.1 Functions

- ❑ Adjusting Volume– (see section 3.1)
 - ❑ **Navigation** :The **Left** (4) and **Right** (6) arrows are used to switch to the previous or the next file.
 - ❑ **Where am I?** : Pressing the **Where am I?** key will report the file number and current file's playtime elapsed.
 - ❑ **Play** : Playback is continuous, at the end of the current file Victor Reader will switch to the next file and will stop at the end of the last file in the file list.
 - ❑ **Go to file** : Press **Go to Page** key once Victor Reader will go to a specified file. When pressing **Go to Page** Key, Victor Reader says "Go to file".
 - ❑ Enter the file number, If no number is entered, default will be the current file.
 - ❑ Press **Confirm** to move to the chosen file. Or
 - ❑ Press **Play** to move to the chosen file and start playing.
 - ❑ Press **Cancel** key to cancel the request.
 - ❑ **Info Key, Key 0** . The **Info** Key announces the following information :
 - ❑ *Number of files*
 - ❑ *Number of Bookmarks*
 - ❑ *Battery or Power Cord*
 - ❑ *Version number*
-

7. Technical Specifications

- Dimensions: 148 X 138 X 29 (mm)
- Weight: 260 grams
- Screen: Backlit LCD. 128 by 64 pixels. 29.9 x 17.7 mm (3 x 2 in.).
- Formats Supported: Daisy 2.x, MP3, CDDA
- Battery type: Two rechargeable batteries (Included).

Retail rechargeable or AA alkaline batteries can also be used.

- Built-in charger (works only with HumanWare batteries)
- Charging time: 5 hours
- Battery life: Between 7 and 9 hours for continuous play of DAISY books.
- Power Adapter: The supplied power adapter meets power requirements only for

the country in which it was sold. Check with your dealer for alternate power adapters for use in other countries.

- Coding Algorithms: MP3
-

8. Internal Lexicon

DAISY : DAISY stands for Digital Accessible Information System. Often, the term is used to refer to a standard for producing accessible and navigable multimedia documents. DAISY is a globally recognized technical standard to facilitate the creation of accessible content. The standard was originally developed to benefit people who are unable to read print due to a disability, but it also has broad applications for improved access to text in the mainstream.

DAISY 2 : The DAISY 2.0 HTML Specification is intended to be a simple set of conventions for the structure of Digital Talking Books (DTB) that are marked up primarily to the level of headings and page numbers. A book that complies with the DAISY 2.0 Specification must contain headings, page number references, and metadata for book identification and cataloguing.

LD: LD (Learning Disabled) - Having a learning disability, a disorder in the basic cognitive and psychological processes involved in using language or performing mathematical calculations, affecting persons of normal intelligence and not the result of emotional disturbance or impairment of sight or hearing.

LV: LV (Low Vision) is impaired vision in which there is a significant reduction in visual function that cannot be corrected by conventional glasses but which may be improved with special aids or devices

MP3 : MP3 (MPEG-1 Audio Layer-3) is a standard technology and format for compression a sound sequence into a very small file (about one-twelfth the size of the original file) while preserving the original level of sound quality when it is played. MP3 files (with the file name suffix of ".mp3") are usually download-and-play files rather than streaming sound files that you link-and-listen-to with RealPlayer and similar products (However, streaming MP3 is possible).

MPEG : MPEG is any of a set of standards established for the compression of digital video and audio data where MPEG, the Moving Picture Experts Group, develops standards for digital video and digital audio compression. It operates under the auspices of the International Organization for Standardization (ISO). The MPEG standards are an evolving series, each designed for a different purpose.

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