



**Liberator Rugged 7
Chat/Words for Life
Edition
User Guide**

Introducing the LR7 – Chat/Words for Life Edition



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Liberator Rugged 7 Technical Description

Contacting Liberator for Support:

Should you require any support please call:

Liberator UK on +44 (0)1733 370 470 and select option 2 or email support@liberator.co.uk

Liberator Ltd
Whitegates
25-27 High Street
Swinstead
NG33 4PA

www.liberator.co.uk

Or do not hesitate to contact your Liberator consultant.

CE ENVIRONMENTAL INFORMATION: Use: 5 C – 50 C; Storage: 5 - 50 C; 95% maximum relative humidity at ambient temperatures less than 40 C. Atmospheric pressure: 101.325 kPa.

Servicing and internal battery replacement of this medical product should only be carried out by qualified and fully Liberator trained personnel. There are no internal parts serviceable by the user. Circuit diagrams and component parts lists have been supplied to approved medical device service personnel to enable them to make repairs.

Please note for the purposes of these instructions, the patient is the intended operator.

The Liberator Rugged 7® (LR7-40) is an Android-based electronic speech output device that augments communication for an individual (patient) with speech/language impairment.

This device and its language programs give the user (patient) the power to initiate conversation, seek information, state opinions, and share feelings.

This product can also be used in the normal way any other Android based tablet would be for a variety of everyday computing requirements such as, internet browsing, e-mail, music player etc. It can be hand-held, used with a table stand, or mounted to a wheelchair.

It is accessed with the hands by pressing the touchscreen, a pointing device, or a variety of available switch accessories. It is approximately 20cm wide x 12.7cm deep x 2.3cm thick in size and weighs 650 grams.

It can either be placed on a flat surface or held by utilising the Velcro adjustable hand strap.

The most common way that a user will access the device is by using the hands to activate keys on the touch screen.

The expected service life of the device is 3 years. This device does not use animal tissue or incorporate a substance or human blood derivative.

Your **LR7** device is intended for use in normal communication situations. Your device is waterproof when all socket covers are in place but still use caution when using it around water. As with most electronic devices, you should *never* use **LR7** when you are actually in the water (for example, a pool or bath).

If you wish to clean the plastic and glass portions of your device, use a cloth *dampened* with water or diluted window cleaning fluid. Do not spray or splash liquid directly on the device. For additional cleaning power, moisten a clean cloth in a mixture of one-part water and one-part vinegar.

Your **LR7** device can be safely transported whilst in daily use, with due care taken to protect it from hard impact or liquid damage as you would with any other IT type product, laptop, iPad, tablet etc. Please note if travelling by air that from 2008 Lithium Ion batteries (which this product contains) can no longer be placed in checked baggage; they must be carried onboard.

When not in use the device can be safely stored by fully powering down the device and storing at room temperature: 15°-25°C (59°-77°F). In addition, keeping it out of any direct sunlight and within a dry well-ventilated area.

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myQuickChat 8 Child is copyright of Talk To Me Technologies

myQuickChat 4 Child is copyright of Talk To Me Technologies

Chat Editor USB

Chat Editor, owned by Saltillo Corporation

Microsoft Voices, owned by Microsoft Corporation

Microsoft's agreement states:

INSTALLATION AND USE RIGHTS. You may install and use one copy of the software on each computer on your premises that you use to exchange data and software with portable devices powered by a Microsoft operating system.

Saltillo grants permission for the use of Chat Editor on each computer used to exchange data with the LR7.



Attention! Consult accompanying documents.



Warnings!

Device not intended to be an emergency call device or sole communication device.

When operating this device in a medical environment, do not use with any product that is not medically approved.

Do not use the **LR7** close to sources of RF radiation or you may encounter interference. Move away, if possible, from the source of the interference.

Any mounts used should be fitted by a qualified person. Failure to install the mounting system according to the manufacturer's instructions may result in an injury to the user.

Analysis of positioning by a qualified person is required to prevent repetitive stress injuries to the user.

Liberator Ltd assumes no responsibility for any loss or claims by third parties which may arise through the use of this product.

Liberator Ltd assumes no responsibility for any damage or loss caused by the deletion of data as a result of malfunction repairs or battery replacement. Be sure to back up all important data on other media (computer) to protect against its loss.



Cords and straps are potential strangulation hazards. Please, consider this prior to placing these items with device users.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON
- Should not carry the mobile device in a breast pocket;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

Charging the Liberator Rugged 7 (LR7-40)

1. Plug the USB Cable into the USB Charger (plug top charger) and the USB C end of the cable into the LR7 devices USB C port. This is located on the right-hand side middle of the device as you are looking from the front.
2. Finally plug the charger into a standard mains supply 13 Amp 240v wall outlet socket.
3. The USB Charger allows you to charge the device.

We suggest charging the LR7 each night.

This process should include:

1. Press and hold down the power switch for approximately 2 seconds until the power menu comes on screen, then select power down to turn off the device completely.
2. Connect the USB cable to the charger and USB C end of the cable into the LR7 devices USB C port, located on the right-hand side middle of the device as you are looking from the front.
3. Then plug the plug top charger into a 13A mains supply outlet.

Next morning:

1. Unplug the LR7 from the charger and USB cable.
2. Unplug the charger from the wall outlet .
3. Press and hold down the power switch for approximately 5 seconds to turn the device on until you see the Liberator boot up logo appear.

What's Included:

Your Liberator Rugged 7 (LR7)



USB Charger Adapter (plug top battery charger)


USB Cable (see previous section on charging for full instructions)

Chat Editor Installer USB Multi-Stick


Chat Editor is used for programming from a PC and for backing up custom files. Also included: Quick Reference Guides, TeamViewer Quick Support App, and a copy of this Guide.

Turning LR7 On & Off

Turning your Device On (from complete power down)

- Press and hold down the Power Switch  for approximately 5 seconds until you see the Liberator boot menu logo appear.

Turning your Device Off (for storage)

- Press and hold down the Power Switch  for approximately 2 seconds, until the power prompt menu pops up.
- At the prompt, touch Power off on the screen.
- Choose OK to confirm you want the device off.




Power Switch

Daily Use - Turn Just the Screen On & Off

Tapping the Power Switch quickly turns just the screen on and off. This is the suggested way of use when using the device on a daily basis. We suggest tapping (not holding) the power switch to turn off the screen. Tap the power switch to wake up the screen.

The screen is set up to automatically power down after a specified amount of time of no activity. The length of delay between the last key press or screen touch and the automatic screen timeout can be changed by pressing:

Menu  > Application Settings > System > Display > Screen Timeout.

Around the Liberator Rugged 7 (LR7)



1. Power Button – On/Off
2. Volume Buttons – Volume up/Volume Down
3. Headphone Jack
4. Display
5. Charger Socket

Controlling the Volume

Volume controls are provided on the top of the LR7. Pressing the left side of the button adjusts the volume in one direction and pressing the right side does the opposite.

Volume controls can also be added to buttons within the vocabulary pages. See pages 47-49 for details

Adjusting the Carry Strap

The carry strap was attached to your device when shipped.



To adjust the strap:

- Move the soft pad to one side.
- Pull free end of strap to tighten, or
- Feed the loose end of the strap back through the plastic release slider to loosen.
- Move soft pad to comfortable position ensuring the free end of the strap is hidden.

Using the Touchscreen

Your LR7 comes with a capacitive touchscreen. It responds best to a light touch from the pad of your finger. You may use a stylus with the LR7 (Sold separately).

Cleaning your Screen:

To clean the screen, turn the device off, gently wipe the screen with a soft, lint-free cloth slightly dampened with water, and dry the screen with another soft, lint-free cloth. *Do not spray or splash liquid directly on the device.*

For additional cleaning power, moisten a clean cloth in a mixture of one-part water and one-part vinegar.



Using excessive force or a metallic object when pressing on the touchscreen may damage the tempered glass surface and void the warranty.

Using the Home Screen (Android)

The Home screen is the starting point for using your device.




Home screen: The starting point for using your device. Place shortcuts, widgets, and other items to customise your device to your needs.


Shortcuts: Shortcuts to common applications. We have provided shortcuts to the Chat software and the camera for your ease.

Opening/Closing Chat Application

To open the Nova Chat application from the home screen, tap the Nova Chat shortcut.



Once running Chat software, choosing the Home  button, on the right side of the screen, will minimise the application and show the Android home page.

To close the Chat software, push the Menu button  and select Exit.

Using the Power switch to turn the LR7 off will also close all open applications on the Android device.

Using the Chat Screen

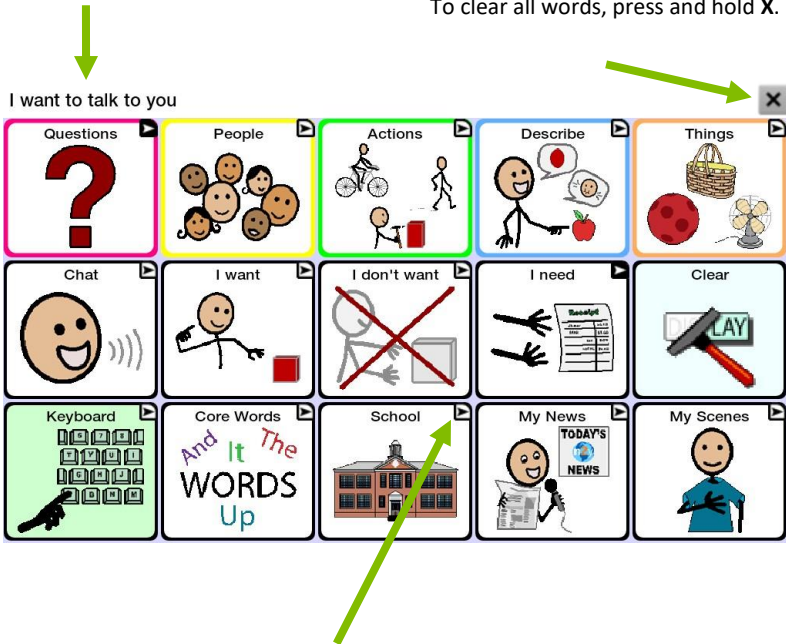
Vocabulary Page.

This is where the symbol pages appear. Loading new pages changes the **Page** appearance.

The Speech Display Bar (SDB) displays text from button presses.

To delete the last word on the SDB, tap **X** once.

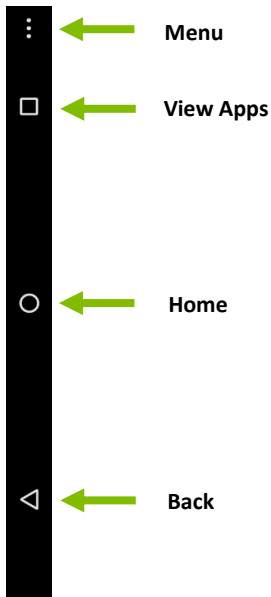
To clear all words, press and hold **X**.





A small arrow in the upper corner of a button indicates that the button links to another page.


Using the Chat Menus

The menus along the side of the Chat window give access to settings, step back and show status of system settings.



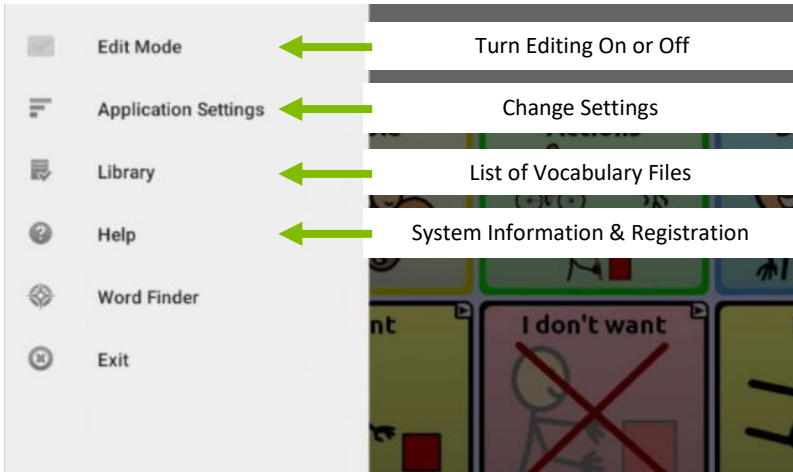
Back  navigates to previous page or to previous Menu. Pushing and holding the Back button also reveals the Chat Software menu.

Home  navigates out of Chat software to the Home screen of Android software.

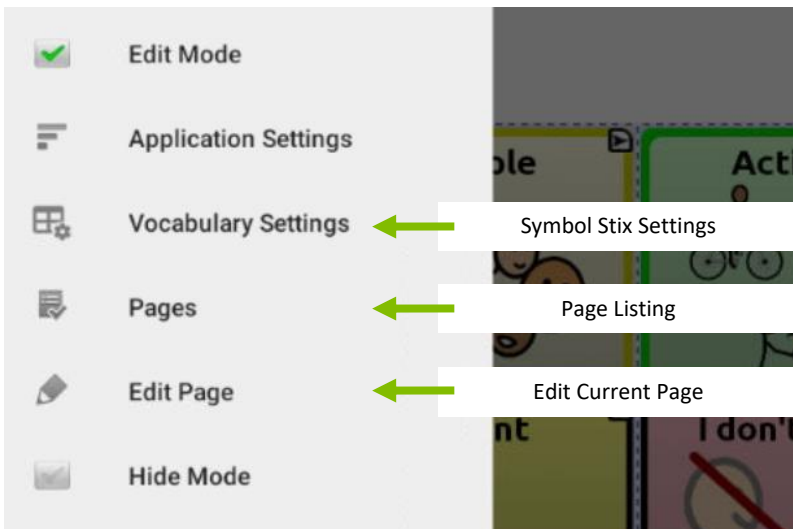
Menu  allows you to determine which vocabulary file will be used, which augmentative options are enabled, how and when to speak messages, and how a wide variety of other options are configured.

Chat Menu

After selecting Menu, groupings of menus appear. These menu options vary depending on other settings within the Chat Software.



With Edit Mode On



Note: Chat Editor displays the menus at the top of the screen.

Choosing a Vocabulary File – Chat Edition

Choosing an appropriate vocabulary file is imperative to the success of the device user. We suggest that a qualified speech and language therapist, teaching staff, parents and a device user are all part of the decision process of choosing an appropriate solution.

When choosing a file, consider the following:

- The device's access capabilities
- The user's current and potential cognitive abilities
- The potential effect of screen orientation on the user
- The user's ability to work better with pictures or symbols
- The vocabularies ability to be customised

Considering the Device's Access Capabilities

The device's access capabilities depend on the number of buttons on a page.

<i>File</i>	<i>Buttons per Page</i>
<i>4 Basic</i>	Provides 4 buttons per page
<i>Vocab PC</i>	Provides 12 buttons per page
<i>MultiChat</i>	Provides 15 buttons per page
<i>WordPower</i>	Offers 20, 24, 30, 42, 48, 60, 80 and 108 buttons per page

Considering the User's Cognitive Capabilities

<i>File</i>	<i>Buttons per Page</i>
<i>Vocab PC</i>	Developed for those with developmental delays
<i>WordPower</i>	Word-Based for those who are literate
<i>MultiChat</i>	Developed for those with emerging literacy
<i>Essence</i>	Developed for adults with acquired speech disorders

Available Vocabulary Files

From the list of available vocabulary files, tap on a file name, choose Open, and explore the file. Take some time to explore each of these files and see if one might be appropriate for the device user or get some ideas for creating your own.

Explore the page and button organization by choosing the buttons. Buttons with arrows in the corners will move to new pages. As you explore the page layouts, consider if one of these might work as a starting point for the intended device user.

WordPower

The WordPower vocabularies are augmentative communication word-based vocabularies created by Nancy Inman. Notice the listing of WordPower vocabulary options on your device, each including a number to indicate the number of cells.

WordPower20 Simply

WordPower20 Simply incorporates carrier phrases with core words for quick and easy language generation. It can be used as a phrase-based system or as a word-based system. For example, you could use the carrier phrases “I want...”, “I like...”, and “I need...” to generate sentences. Or you could use the individual pronouns “I”, “it”, and “you”, or sentences starters such as “can” and “do”. When the individual pronouns are selected, a page of frequently used verbs and helping verbs also becomes available. You can quickly finish a sentence using a phrase such as “to eat...”, “to play...”, “to watch...”, etc., or you can select “to” and have a more expanded set of verbs available.

WordPower24

WordPower24 uses high-frequency core words to facilitate quick and easy sentence generation. It also includes nouns and adjectives that are organized in logical categories. All grammatical word classes have been included. As a sentence is being built, you often find that the next word you want to say can be spoken with one or two button presses. “Grammar” keys are used to provide morphological endings to verbs, nouns, and adjectives. A spelling/word prediction page is used to spell words that are not included as separate buttons on the pages. Being a word-based vocabulary, this page set can be used by a wide age group. Nouns, adjectives, and verbs can be added and customised to meet the particular needs of the individual.

WordPower24 with Phrases

WordPower24 with Phrases is designed for individuals who are unable to use a word-based vocabulary design but are able to generate novel thoughts using carrier phrases and semantic categories.

WordPower30

WordPower30 is very similar to the 24-location, but in the extra column on the left, you now have a clear display, delete word, period, and plural. This configuration can be set up for scanning or to be used with a keyguard.

WordPower42

WordPower42 is a word-based vocabulary that allows for easy and intuitive communication. WordPower42 is a generative language system that will be familiar to those using WordPower on other systems, and it is easy to learn for new users.

WordPower42 Basic

WordPower42 Basic is a simplified version of WordPower42. This word-based system remains rich in core vocabulary, and it may be appropriate for beginning users or those who need a more basic vocabulary design. It is designed to make communication fast and easy.

WordPower48

WordPower48 is very similar to the 42-location, but in the extra column on the left, you now have a clear display, delete word, period, and plural. This configuration can be set up for scanning or to be used with a keyguard.

WordPower60

WordPower60 consists of a large number of high-frequency words available on the main page, resulting in fast communication with reduced keystrokes. Word completion and logical next words are used, and the “grammar” function provides morphological endings to verbs, nouns, and adjectives. Spelling with word prediction along with the category-based pages contained in all other versions of the vocabulary are also available. This vocabulary is configured to work with a keyguard.

WordPower60-Basic

WordPower60-Basic is the newest WordPower vocabulary. It was designed with early language learners in mind, providing ample picture support and novel structures to facilitate expressive language development. Core vocabulary is embedded within category and activity pages, allowing easy generation of language from the main core page as well as within specific topic-based pages. Core words remain consistent in terms of placement and access, providing a natural bridge between core and fringe words. Early literacy is enhanced by providing pages designed to teach language and core through children’s books.

WordPower8

WordPower80 is for someone who has good vision, motor skills, and literacy skills. WordPower80 vocabulary pages consist of core vocabulary, spelling, and word prediction.

WordPower108

WordPower108 consists of a large number of high-frequency words on the main page, resulting in fast communication and quick access to core words. Word completion and logical next words are used, and the “grammar” function provides morphological endings to verbs, nouns, and adjectives.

4-Basic

4-Basic offers just that, a basic vocabulary option with 4 buttons per page.

Basic Scan

Basic Scan is primarily a phrase-based vocabulary for emerging communicators who access communication through auditory and/or visual scanning. Basic Scan was developed by Lisa Noble Martin, MA, CCC-SLP specifically for Chat Fusion and Nova Chat. Lisa has years of experience working with nonverbal paediatric patients at all stages of communication. Her focus on teaching auditory and visual scanning techniques to these individuals has proven quite successful.

The Basic Scan file encompasses various communicative functions (greeting, directing, protesting, commenting, requesting, sharing information). Page navigation is used to support language formulation. In addition, some vocabulary is hidden and can be gradually uncovered to scaffold learning. The Basic Scan file is meant to provide a framework and example of where to begin with an emerging communicator who is using auditory and/or visual scanning as a means to access communication. Basic Scan does not provide access to a comprehensive vocabulary. Specific items within each category can and should be modified to meet the unique needs of individuals.

Communication Journey: Aphasia

“Communication Journey: Aphasia” is a vocabulary file containing features and vocabulary designed to support people with aphasia. It was developed by Lois Turner (SLP), Anne MacCallum (SLP) and Sarah Gauthier (SLP Assistant) in consultation with a group of speech-language pathologists who work exclusively with people with aphasia and brain injuries. All the participants work at CAYA (Communication Assistance for Youth and Adults) and the GF Strong Rehabilitation Centre in Vancouver, BC, Canada. The framework of the file was derived from the Life Participation Approach to Aphasia from the Aphasia Institute in Toronto, Canada. The pages were created to facilitate participation in daily activities and to promote social links.

Aphasia, a disorder caused by damage to the parts of the brain where language is stored, may affect the ability to comprehend language, to express oneself, to read, or to spell and write. “Communication Journey: Aphasia” can easily be adapted for use by people with different types of aphasia and a range of cognitive levels and degrees of severity.

Symbols, photographs, visual scenes, videos, or words can be used on the message, topic, and script pages. Included are pages that facilitate supported communication techniques, self-advocacy, directing care, and repair of communication breakdowns. Types of information typically included in communication books—such as pain and emotion scales, maps, and templates for personal information and life stories— are also incorporated into the vocabulary file. Specialized features include variable “rate of speech” and “pause between words”. Grid size and vocabulary are easily customised to reflect and support the life experiences of the person with aphasia.

Although this vocabulary file contains starting-point vocabulary commonly required by adults with aphasia, it must be customised. Each person has a unique history, and the file must reflect that person’s life, experiences, and abilities.

Essence

Essence is specifically designed for adults with acquired speech disorders. The home page of Essence contains a spelling keyboard in addition to quick links to pages of commonly used phrases for communication with those you regularly interact with in your family and community. Other pages contain commonly used vocabulary that may be needed for a visit to the doctor, using public transportation, going out to eat, etc. Each page is completely customisable to meet the specific vocabulary needs of each individual.

MultiChat15

MultiChat15 features a 15-button layout and is available in three versions: one for school-aged individuals with emerging language skills, one for adolescents, and one for adults. There are multiple forms of communication available in this program: sentences, phrases, individual words, recordings for story-telling, and visual scenes. Also included are interactive play and reading pages, social pages and a News-2-You starter page for the weekly newspaper’s vocabulary. There are symbols on every button with the exception of several core words

myCore

myCore is a combination of core and phrase-based vocabulary geared toward individuals who have literacy skills.

myQuickChat

myQuickChat is an introductory communication system geared toward child and adult AAC users with complex communication needs. myQuickChat is available for both children and adults in 4, 8, and 12 locations, each with an identical 16-location Support Master Home Page. myQuickChat was created to offer a high frequency, phrase-based communication system in an easy to use yet very engaging format. The progressive system offers a variety of topics for everyday needs and conversation and provides AAC users immediate and more successful communication exchanges within a variety of settings.

Spelling

Spelling is a keyboard page set with four-word prediction buttons and a few pre-stored phrases.


VocabPC

VocabPC was designed by Gail Van Tatenhove, PA, MS, CCC-SLP, for adults and adolescents with developmental disabilities. Vocabulary in VocabPC is arranged as carrier phrases, interactive sentences, activity vocabulary, and naming words.

VocabPC uses a 12-location page layout. This tour guide describes the users the author was working with and provides rationales and teaching support for VocabPC.

Choosing a vocabulary file – Words for Life Edition

Available Vocabulary Files

To view the provided vocabulary files, choose **Menu**  > **Library** and tap on one of the Available Vocabulary Files, choose **Open** and explore the file.

Explore the page and button organisation by choosing the buttons. Buttons with arrows in the corners will move to new pages. As you explore the page layouts, consider if one of these might work as a starting point for the intended device user.

Choosing a Vocabulary File

Choosing the vocabulary level to start on is based on the abilities and needs of the communicator. One vocabulary level does not need to be mastered before moving to the next vocabulary level. Instead, factors such as ability to attend to sequenced steps, the need for immediate reinforcement, and access to vocabulary should be considered. Be sure to allow for a reasonable level of success while providing the opportunity to grow language.

Introductory Level: One Hit

A One Hit vocabulary is an introductory level vocabulary in which 83 core words are only one touch away. Core words are words those that are most frequently used in speech and can be used in a variety of settings and activities. 1-Hit allows for quick reinforcement of the learner's initial communications.

Transition Level

A transition level vocabulary introduces a second button press, building on the 83 core words from the introductory level. It adds vocabulary encompassing all the words on several early words lists like the Dolch and Banajee lists. This level allows for the learning of motor patterns without the visual distractions of the full vocabulary file.

Full Vocabulary

A full vocabulary includes more than 3,000 words and allows for the customisation of personalized vocabulary such as names, favourite foods, and favourite places. It gives the child access to verb forms and word endings such as +s, +er, and +est. If the communicator can access the desired words with minimal mistakes, this level offers the greatest opportunity to teach words based on natural activities and allows the communicator to learn by exploration. The rest of this manual will describe how to modify buttons, pages and settings to best suit the device user. Customisations can be done directly on the device or by using Chat Editor running on a computer.

Chat Editor

Chat Editor is a supplemental program that runs on a Windows desktop or laptop computer. It allows you to customise vocabulary files. Although customising is also possible on the device itself, the Editor allows the family and/or professionals to customise the vocabulary when the device is not present.

Note: Having the custom vocabulary on a computer is recommended as a backup to the device.

Installing Chat Editor

Important! With software release 2.0, we replaced NOVA Chat Editor with Chat Editor. If you have used Chat Editor in the past, it will no longer work with 2.0 files or newer.

This process installs Chat Editor on your computer and creates a desktop shortcuts to the “Chat Editor” application.

1. Insert the provided USB stick in your computer’s USB port.
2. Navigate to your USB stick through Windows Explorer to **Editor & Support > Chat Editor v*** and double-click **setup.exe**.
3. A box will appear which says Select Setup Language – select English and click **OK**.
4. In the ChatEditor Setup Wizard click **Next** to continue.
5. Accept the End User License Agreement (EULA) and click **Next**, then **Install**.
6. Chat Editor will now install onto your computer.
7. When the install has completed click Finish.
8. Remove the USB stick from your computer. The USB stick is not needed to run the Editor.

Using the Chat Editor Software

The first time you open Chat Editor after installing it, you will be prompted to set up a configuration.

If you are NOT using a LAMP Words For Life vocabulary:

1. Select **Nova Chat/Chat Fusion** from the Choose Product window and click **OK**.
2. Select your language from the Choose Language window and click **OK**.
3. Select one or more symbol sets from the Choose Symbol Sets window.
Important! This symbol set must match what is on the device you are supporting.
4. Click **OK**.
5. Type a descriptive name for the configuration in the Enter Name window and click **OK**.
6. You will be prompted that “Speech is disabled until you connect a NovaChat device to your computer to enable speech” – click **OK**.
7. Chat Editor will open.

Note: You may need to set up multiple configurations if you support more than one client. For example: Tommy with only Symbol Stix images and Sarah with both Symbol Stix and PCS symbols.

If you ARE using a LAMP Words For Life vocabulary:

1. Select **Words For Life (Nova Edition)** from the Choose Product window and click **OK**.
2. Type a descriptive name for the configuration in the Enter Name window and click **OK**.
3. You will be prompted that “Speech is disabled until you connect a NovaChat device to your computer to enable speech” – click **OK**.
4. Chat Editor will open.

Differences between the LR7 Device and Editor

You can use Chat Editor to do just about anything that you can do on the Chat device. Dialog boxes will appear slightly different, and a couple of the options are modified for the PC.

Menus are placed at the top of the screen on the Editor and to the left on the LR7 device.

When editing and accessing menus on the LR7 device, pushing and holding the screen opens context menus. On the Chat Editor right-clicking on the vocabulary window will open the context menus for editing.

Orientation – LR7 offers the ability to use the device in Portrait or Landscape orientation. As default we have locked this using a 3rd party app to Landscape, as this is the most commonly used setting. If you would like to change this, please call our Customer Support team on 01733 370 470 (option 2) for assistance.

This User Guide uses pictures from both the Chat Editor and device. The menus work primarily the same in both systems regardless of how it is accessed with a push and hold or a right click.


Creating & Customising Chat Vocabulary Files

If it was determined that one of the Saltillo-provided files might work as a starting point, a copy will need to be made.


The Saltillo-provided (Original) vocabulary files cannot be modified and are indicated by a padlock next to the vocabulary name. This maintains the original, default vocabularies in case they may be needed later.

There are a couple of ways to make a copy of the vocabularies on the device.

Create a copy of an existing vocabulary file:

1. Whilst you are in an original vocabulary file press **Menu**  > **Edit Mode**.
2. Choose **Yes**.
3. Type in a name to represent the file (i.e. WordPower SS 60 Jane 4_08).
4. Select **Save**.

OR

1. Press **Menu**  > **Library**.
2. Choose the file to copy.
3. Select **Duplicate**.
4. Type in a name to represent the file (i.e. WordPower SS 60 Jane 4_08).
5. Select **Save**.

If using Chat Editor

1. Choose **Library > My Resources**.
2. Select the vocabulary you wish to duplicate, then select **Duplicate**.
3. Type in a name to represent the file (i.e. WordPower SS 60 Jane 4_08).
4. Select **Save**.

Note: If you can't see any files in My Resources then select **English**. If you wish to duplicate a LAMP Words For Life or WordPower vocabulary then select the relevant folder and vocabulary then select **Duplicate**, otherwise select the relevant vocabulary and select **Duplicate**.

Using Chat Editor to Create Instructional Materials

1. Capture sequences of buttons from screens in Chat Editor to paste into instructional materials you create such as Word documents, PowerPoint presentations, flash cards, etc.
2. In Chat Editor, choose Capture in the top section of the Editor window. The Button Capture window will open.
3. With Capture Selections selected, start selecting the buttons you want to appear in your document. Each button you select will be captured in the Button Capture window.




4. When you finish capturing a sequence of buttons, choose Copy to Clipboard. The sequence will be cleared from the Button Capture window.
5. In your document, insert the cursor and select Paste. The sequence will be pasted into the document.
6. Capture the next sequence.
7. When you finish capturing sequences, select Exit to close the Button Capture window.

Notes on Capturing Button Sequences

If you need to try several sequences to find the one you want, turn off Capture Selections. Once you decide what you want to capture, turn Capture Selections back on. If you make a mistake, select Clear and start capturing the sequence again. Keep in mind that Clear removes all captured content from the Button Capture window.

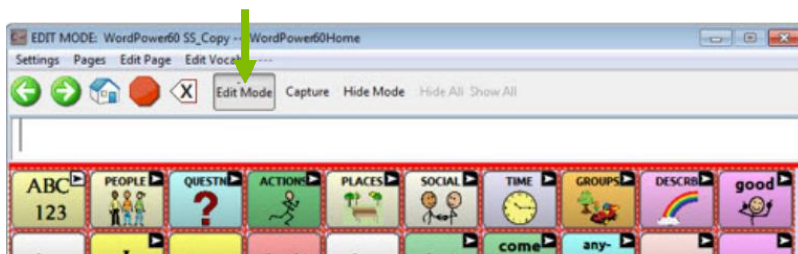
Turning Edit Mode On

To edit a vocabulary file or any resource linked to it (pages, buttons, etc.), you must activate Edit Mode. You can edit a vocabulary file on the device or by using Chat Editor.

Device: Choose **Menu**  > **Edit Mode**. All the buttons are outlined, and the words “Edit Mode”, followed by the current vocabulary and page names, appear in red across the bottom row of keys.



Editor: Choose **Edit Mode** from the menu bar. All the buttons are outlined and “Edit Mode” is selected.







Important! Before you start editing a vocabulary file:

Copying a file from one platform to another will overwrite the existing file. To avoid overwriting others' changes, coordinate with anyone else who may edit vocabulary files to make sure that you are working with the current copy. Always copy the file with changes to the other platform. This will ensure that both the device and the Editor are current.



Vocabulary Builder – LAMP Words for Life only

Vocabulary Builder is a tool that allows you to limit the amount of vocabulary available, while keeping the motor plan for words consistent. Vocabulary Builder assists one step at a time as you introduce small sets of vocabulary within the language system. Ultimately, it reduces the vocabulary load in both the teaching and learning process.



To build a list:

1. Select **Menu**  > **Vocabulary Builder**.
2. Select **New**. (If a list has already been stored, select **Menu**  again and then select **New** to add a new list.)
3. Name the list and select **Done**.
4. Type the word to show and tap to check it.
5. To show another word, touch  on the keyboard as many times as necessary to clear the first word and then type the next word.
6. When you are finished, select **Save**.
7. Choose **Yes** to enable this list now; or choose **No** to save it for later use.
8. Select **Back**  until you reach the LAMP Words For Life home screen.



To use a saved list:

1. With LAMP Words For Life open, select **Menu**  > **Vocabulary Builder**.
2. Choose the list you want to use.
3. Select **Enable**.
4. Select **Back**  until you reach the LAMP Words For Life home screen.

To disable a list:

1. With LAMP Words For Life open, select **Menu**  > **Vocabulary Builder**.
2. Choose the enabled (checked) list.
3. Select **Disable**.
4. Select **Back**  until you reach the LAMP Words For Life home screen.


To edit a list:

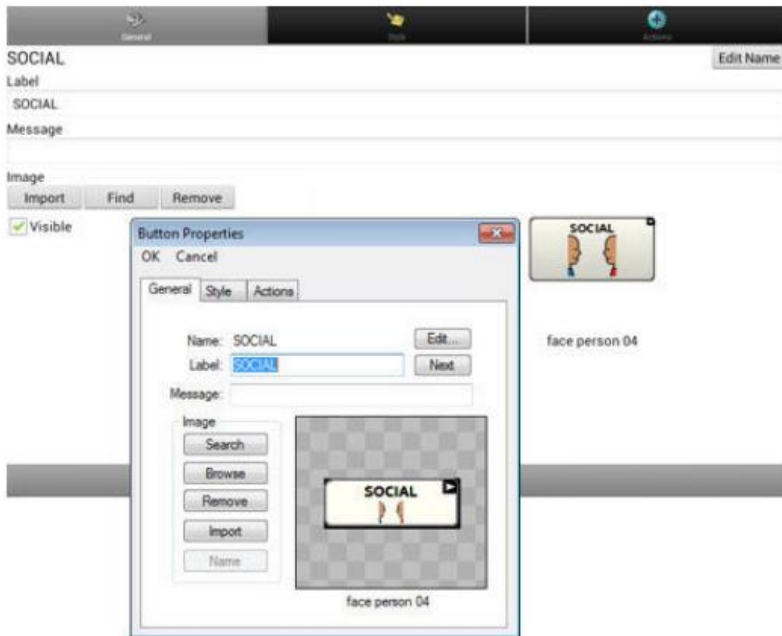
1. With LAMP Words For Life open, choose **Menu**  > **Vocabulary Builder**.
2. Choose the list to edit and select **Edit**.
3. Add, modify, or delete words as necessary.
4. Select **Save**. (If the edited list is not enabled, you will be asked if you want to enable it now).
5. Select **Back**  until you reach the LAMP Words For Life home screen.

Modifying Button Text

You can modify the label or message text for any button, or you can remove the text and fill the button with an image.

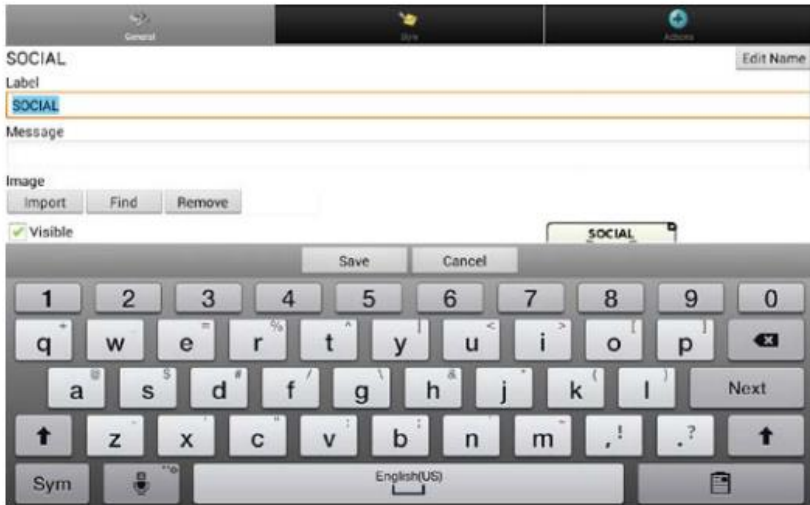
Displaying the Button Text to Edit

Select **Menu**  > **Edit Mode**. Then press and hold on the button (right click if you are using the Editor). A menu will open. Select Edit Button to display the Button Properties.



Editing the Button Text

In Chat Editor, click in the Label or Message box and enter your new text. On the device, do the following: Tap in the Label or Message box to display the keyboard.




Enter your new text. If you tap in the Label box, select **Next** to move to the Message box. Select **Done** and then **Save** to apply your changes to the button.

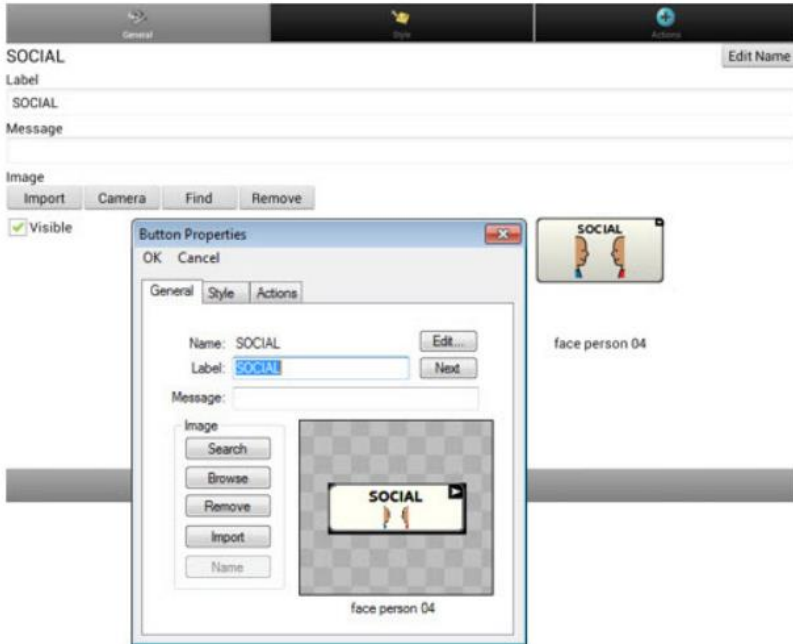
Using Images with No Text

Don't enter a label in the Label box. If you decide not to use labels, we suggest expanding the image to fill the entire button area. To do this:

Select **Menu**  > **Application Settings** > **Style** > **Fill**.

Adding or Modifying a Button Image

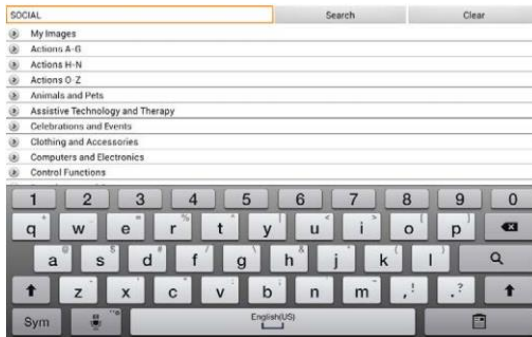
Select **Menu**  > **Edit Mode**. Then press and hold on the button (right click if you are using the Editor). A menu will open. Select **Edit Button** to display the Button Properties.



Choose the image you want to use. To locate the image, you can choose Find, Browse, Search, or Import. You can also use the Camera function to create your own image.

Finding an Image from the Device Library

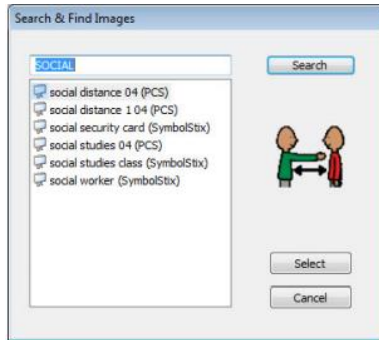
From the Button Properties, choose **Find** or **Browse** to open a list of categories.



Choose a category to open a list of images. Then choose the image you want. The image will be displayed in the Button Properties. Select **Save**.

Searching for an Image in the Device Library

From the Button Properties in the Editor, select **Search** to search for images with the label name.



Choose the image you want. The image will be displayed in the Button Properties. Select **Save**.

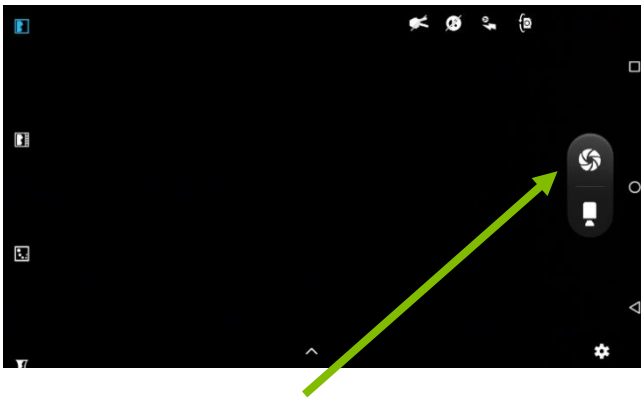
Note: If you don't find the appropriate image, enter a new item in the text box, select **Search**, and choose a different image.

Taking Pictures

From the Home screen, touch **Camera**



Using the display as a viewfinder, compose your photo by aiming the lens at the subject.



To take the photo, touch the **Camera** button.

After taking a photo, touch Image Viewer to view the photo.

Using an Existing Image

If you find that the image you need is not available from the device library, you can use your own digital, scanned, downloaded, or homemade image and import that image directly into the button.

Note: If you are using the Editor, the image must be on the same computer. If you are importing directly from the device, the image must already be stored on the device.

To import an image:

1. From the Button Properties, choose **Import**.
2. Select the image you want.
 - a. If you are using the device, select **Photos** and choose the appropriate image.
 - b. If you are using the Editor, locate and select the image and then select **Open**.
3. Once you have selected the image, select Save. The image will appear on the button.

Transferring Images

When you want to copy images from your computer to your device or from your device to your computer:

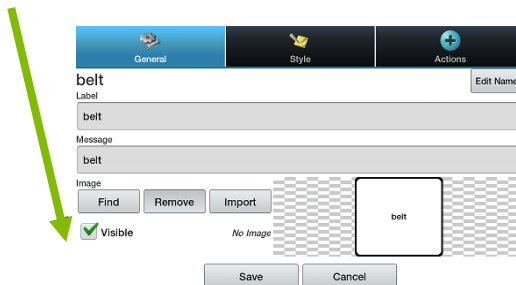
1. Attach the device to your computer using the USB cable provided.
2. Give the device a moment to connect to the computer. The device screen will display "Transfer Mode", and the computer will display a window with several options.
3. Click **Open device to view files**. The computer will view the device as an external drive.
4. Copy the appropriate images from the computer to your device's **Pictures** folder or from the device to the appropriate folder on the computer.
5. Unplug the USB cable.

Hiding Buttons (Visible)

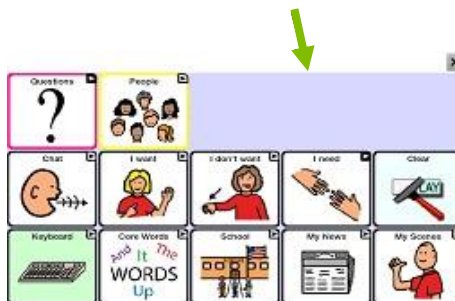
There may be times when presenting all buttons options at once might be too overwhelming for the device user, or they may be perseverating on a key, and hiding the key/keys might be of value. Hiding the buttons does not delete the information so it can be viewed again when appropriate.



This function may be useful when initially presenting the vocabulary to the device user. Presenting all buttons at once may be overwhelming. Hiding some of the buttons will enable the device user to more easily focus on the specific vocabulary being presented.

1. Enter **Edit Mode** & Edit the Button you wish to hide.
2. Unchecking the **Visible** box makes a button invisible in standard mode and automatically disables the button action.



Hidden buttons (invisible)

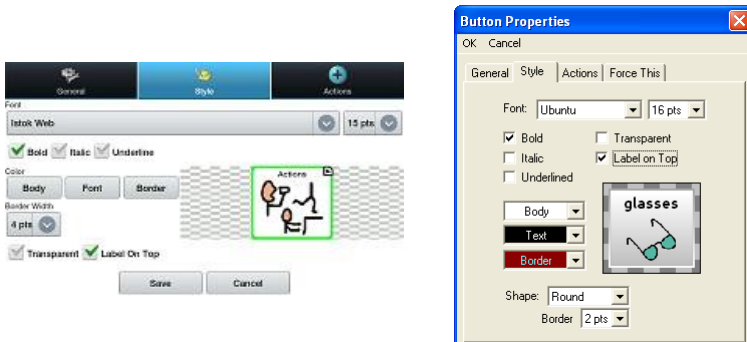


3. Individual buttons can be unhidden by putting a check mark in the Visible box. Alternatively, buttons can be unhidden all at once whilst in Edit Mode by selecting **Menu**  > **Hide Mode** then **Menu**  > **Show All**.

Modifying Button Style

Button style can be modified only while in Edit mode.

1. Tap on a button and hold to open the Button Properties (right click if using the Editor).
2. Choose **Edit Button** option.
3. Tap on the **Style** tab. The button style properties will appear.



4. Simply use the pull-down lists to select the **Font Colour, Body Colour, Border Colour, Font Size, Shape** and **Border Width** you want for the button.
5. Check the **Label on top** box to define the label position.
6. Check the **Bold, Italic, Underlined** boxes to modify label text
7. Choosing to make a button Transparent might be used when creating a visual scene and you want a location of a scene to speak but you don't want the button to appear.

Gradient Fill (Saturation)

This feature adds the appearance of depth to a button, but some prefer more contrast. To adjust the Gradient Fill of the pages:

- Tap on **Menu** > **Application Settings** > **Style** > **Gradient Fill**

You can **Enable** or **Disable** the feature and, if enabled, you have an option to change the amount of **Saturation** of colour. Lower numbers add more background colour to the buttons. Disable the feature to provide the most contrast between the label/symbol and the background colour.

Modify the Style of Multiple Buttons at Once

This menu offers the ability to modify all buttons on a page or all buttons in the entire vocabulary file at one time. Ensure that you are in Edit Mode before modifying buttons.

Change the Style of all Buttons on a Page: (device instruction)

1. Have the page open that needs modifying.
2. Push and hold anywhere on the page and select **Button Style Override**.
3. Choose the **Page** tab (at the top).
4. Check the style option to be changed.
5. Make the necessary change.
6. Make other changes as needed.
7. Select **Save**.

To change the Style of all Buttons within a Vocabulary File

1. Have the vocabulary File open that needs modifying.
2. Push and hold anywhere on a page within the vocabulary file being modified and select **Button Style Override**.
3. Choose the **Vocabulary** tab (at the top).
4. Check the style option to be changed.
5. Make the necessary change.
6. Make other changes as needed.
7. Select **Save**.

To Force a Style Change of a Specific Button on a Page

This option is typically only used when the style for an entire page or entire vocabulary file has been set but you would like to make an exception to one particular button. Ensure that you are in Edit Mode before modifying buttons.

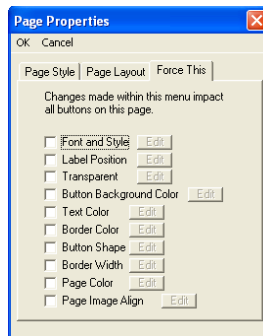
1. Push and hold the specific button you wish to edit.
2. Select **Button Style Override**.
3. Choose the **Button** tab.
4. Check the style option to be changed.
5. Make the necessary change.
6. Make other changes as needed.
7. Select **Save**.

Using Chat Editor to Force Style Options

To force the style of an entire page at once, choose **Edit Page** and the **Force This** tab.



To force the style of all pages within a specific vocabulary file, choose **Pages** and **Force This**. Check the style option to be changed, select **Edit** and make the necessary change, select **done**, make another change or select **OK**.



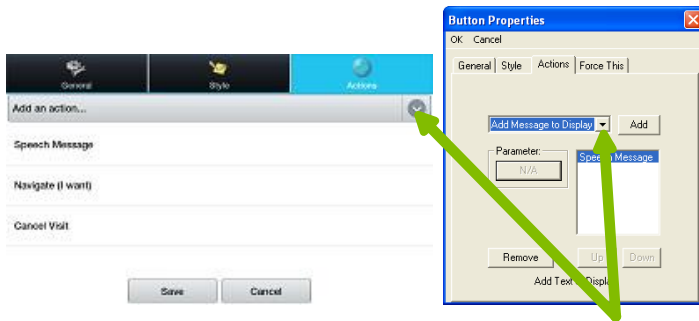
To remove the forced style, uncheck the **Style** option on the **Force This** tab.

Modifying a Buttons Action

A single button can perform a number of different actions. There are a number of different speaking options a button can perform. A button can add a grammatical ending to an existing word. Buttons can perform functions such as Clearing the Display or Backspacing. Ensure that you are in Edit Mode before modifying buttons.

To modify a button's action:

1. Tap & hold on a button you want to modify (right click if using the Editor),
2. Select **Edit Button**. Button Properties screen will appear.
3. Tap on the **Actions** tab.



4. Choose the **Action** listing to find the appropriate action to add.
5. To remove an action from the listing of actions assigned to your button, choose the **Action** and select **Remove**.

Depending on the action you've chosen, that action might just be added to the listing of actions for that button or you may be prompted for additional steps.

If choosing a linking action, such as Navigate or Visit, you will then be asked to choose the page to link the button to.

If choosing to play an audio recording, you will be presented with a screen for recording a message.

Button Actions

Button Name	Description
No Action	Performs no action
Add Message to Display	Inserts text from the button's message box into the display, but the words are not spoken
Add Time/Date to Display	Displays the current date and time in the Speech Display Bar (SDB)
Apply Modifier	A modifier key is a special key on a keyboard that modifies the normal action of another key. (Caps Lock, Ctrl, Functions, Num Lock, Shift)
Backspace key	Deletes the last character in the display
Battery Status	Displays the current battery status in the SDB
Cancel Visit	Clears all remaining visits
Clear All Modifiers	Releases any Shift, Caps, Ctrl or Num Lock modifiers
Clear Display	Clears the text in the SDB
Clear Last Word	Deletes the last word in the SDB
Data Logging On/Off	Toggles data logging on and off
Find Word	Finds the path to a word you are looking for. When you tap a button and then tap Find Word, the path to the word is displayed in the SDB.
Grammar Action	Changes the existing word to the chosen grammatical form, add -ed, add -en, add -er, add -est, add -ing, Add -s
Help Signal	Triggers a loud attention-getting sound
Jump to Page (see also Using Navigate, Visit, and Jump to Page)	Takes you to a new page for a single hit and then takes you back and does not remember any unused visits
Load Display	Recalls text that had been saved and adds it to the display
Navigate (see also Using Navigate, Visit, and Jump to Page)	Takes you to a new page and leaves you there
Navigate back	Returns to the previously accessed page
Navigate to home	Takes you to the home page
Open Android Application	Opens a specific Android™ application. (not functional with a closed/dedicated system)

Button Name	Description
Play audio	Plays audio files. These are recordings of someone speaking or sounds.
Record Audio	Records audio files. These are recordings of someone speaking or sounds.
Play Library Audio	Plays audio files from the audio library
Play Library Video	Plays video files from the video library
Repeat Last Spoken	Repeats the last spoken message
Save Display	Saves the text currently showing on the display for later use.
SDB - Copy Text	Copies all text in the SDB and places a copy in the Clipboard
SDB - Paste Text	Adds text from the Clipboard to the SDB
SDB - Share Text	Copies all text from the SDB to the chosen social network
Select Profile	Changes Settings to match the saved set of settings that was saved as a profile
Speak	Pronounces the SDB content
Speak Label Only	Speaks the label
Speak Last Sentence	Speaks the sentence
Speak Message Only	Speaks the message, but doesn't display the text
Speech Message	Types the button message in the SDB and pronounces it
Static Character Prediction	Displays the most probable character in compliance with the current character displayed in the SDB, the assigned prediction order, and the static character list used by the dictionary compiler. You can adjust the prediction order.
Static Word Prediction	Displays the most probable word in compliance with the current characters displayed in the SDB, the assigned selected prediction order, and the static word list used by the dictionary compiler (up to 60,000 words). The prediction order can be adjusted.
Stop	Stops the speech or audio file currently playing
Store Text to Button	Stores text currently in the SDB to the next chosen button

Button Name	Description
Toggle Mute / Unmute	If the device is currently speaking a long message, selecting this button will not stop the speech but will stop the speech from being spoken aloud. Selecting the button again lets the text be heard.
Visit (see also Using Navigate, Visit, and Jump to Page)	Takes you to a new page for a single hit and then takes you back and remembers if you did not use up the visit
Visit Exception	If you have one button on a Visit page that you don't want to return to the previous page, use a Visit Exception action to leave it on the page for one additional hit.
Volume Down	Turns down the volume.
Volume Up	Turns up the volume.

Using Navigate, Visit, and Jump to Page

Navigate	Navigate takes you to a new page and leaves you there.
Visit	Visit takes you to a new page for a single hit and then takes you back and remembers if you did not use up the visit. For example, if you visit the Describer page and then navigate to the Spelling keyboard from the Describer page, the system will remember the unused visit and go back after you type a single letter on the keyboard page.
Jump to Page	Jump to Page takes you to a new page for a single hit and then takes you back and does not remember any unused visits. For example, if you jump to the Describer page and then navigate to the Spelling keyboard from the Describer page, the system will not remember anything and will leave you on the keyboard page that you navigated to.

Copying Buttons

The LR7 allows you to copy a button, copy and reuse the same button, copy a button style, and use a button in multiple places. Ensure that you are in Edit Mode before modifying buttons.

Copying and Pasting a Button

Buttons can be copied and pasted to new locations. If you modify a copy of a button, you will edit only the copy.

1. Press and hold on the button you want to copy.
2. Select **Copy**.
3. Press and hold on the location for the new button.
4. Select **Paste**.

Copying and Reusing the Same Button

If you modify a button that is used in multiple locations, the button will also be modified automatically everywhere else it appears. You may want to use this technique on buttons that contain tools used on each page.

1. Press and hold on the button you want to copy.
2. Select **Copy**.
3. Press and hold on the new location.
4. Select **Use Same Button**.


Copying and Pasting a Button Style

To copy only the appearance (colour, font, etc.) of a button:

1. Press and hold the source button and select **Copy Button Style**.
2. Press and hold the target button and select **Paste Button Style**.

Using a Button in Multiple Places

A button can be used in multiple pages.

1. Choose **Menu**  > **Edit Mode**.
2. Press and hold on an empty location.
3. Select **Add Button from Library**.
4. Choose the page on which the button resides.
5. Choose the button to use.

Prioritising Buttons

Buttons can be prioritized by their position on the page or by their size. These procedures are performed with Edit Mode on.


Rearranging Buttons

You can quickly rearrange the layout of buttons on a page using “drag-and-drop swapping”. This procedure allows you to swap the contents of two buttons. Drag the first button over the top of the second button, then lift from the screen. The contents of the two buttons will be immediately swapped.

Resizing a Button

A button can be emphasised by making it larger than the others on a page.




If you are increasing the size of the button, the button will expand to the right or down. The button will draw over the buttons to the right or below it, rearranging buttons as needed. If the button is already in the far left or right column or the bottom row, move the button to the left or up to provide for additional space.

1. Select **Menu**  > **Edit Mode**.
2. Press and hold the button that you want to resize.
3. Select **Change Button Size**.
4. Set the number of cells you want the button to fill both vertically and horizontally.
5. Select **Save**.



Creating a Page

Pages are levels of specific vocabulary linked together to create a vocabulary file specific to the device user. You can create a page by using any of these methods: Create a new page; create a copy of a page; create a page from a template; copy a page from a different vocabulary file.




Creating a New Page

1. Select **Menu**  > **Edit Mode** then **Menu**  > **Pages**.
2. Select **Menu**  > **New Page**.
3. Give the page a descriptive name.
4. Select the number of rows and columns you need.
5. To change the background colour of the page, select **Set** and choose a colour from the palette.
6. To add a background image to your page, select **Import** to use an image stored on the device, or select **Find** to search for an image stored in the Chat library.
7. Centre the image or stretch it to fill the page (if you stretch the image, the aspect ratio will not change, so it might not totally fill the page).
8. Select **Save**. A blank page will be created in your vocabulary file, ready for you to place buttons.

Creating a Copy of a Page



1. Select **Menu**  > **Edit Mode** then **Menu**  > **Pages**.
2. Choose the page to duplicate (right-click on the page if you are using the Editor).
3. Select **Duplicate**.
4. Give the page a new name and select **Save**.

Creating a Page from a Template


1. Select **Menu**  > **Edit Mode** then **Menu**  > **Pages**.
2. Select **Menu**  > **New from template**.
3. Choose the appropriate template and select **OK**.
4. Give the page an appropriate name and select **Save**.

Copying a Page from a Different Vocabulary File

You can copy one or more pages from a different vocabulary file to use in the current vocabulary file.

1. In **Edit Mode**, select **Menu**  > **Pages** then **Menu**  > **Import**.
2. Choose the vocabulary file that includes the page you want.
3. Check the appropriate page. To import multiple pages, check all the pages you want.
4. Select **Import**.
5. Create a button to link to the new page or pages.

Animating Page Transitions

To add animation when you move from one page to another, select **Menu**  > **Application Settings** > **Style** > **Animate All** to insert a checkmark.

To remove the animation, deselect **Animate All** by removing the checkmark.

Adding a Grid to Pages

To add a wire-frame grid to pages, select **Menu**  > **Application Settings** > **Style** > **Show Grid** to insert a checkmark.

To remove the grid, deselect **Show Grid** by removing the checkmark.

Using Keyboards

A number of keyboards are available throughout the system. For example, WordPower files offer ABC and QWERTY options, MultiChat 15 provides a keyboard option for those using a keyguard, and each default file provides variations of keyboards to choose from.

You can select the specific keyboard you need or link a button to a keyboard.

Choosing a Different Keyboard

If the keyboard you want is not in the current vocabulary listing, you can choose a keyboard from the Template options.


If you want to set up a key for quick access to a different keyboard, see below.

Linking a Button to a Keyboard

1. Edit the button to link to the new keyboard.
2. Choose the **Actions** tab.
3. Press and hold (highlight, if you are using the Editor) the existing Navigate action and select **Set**. Or, if no Navigation action has been chosen, select **Navigate** from the drop-down menu.
4. Choose the new keyboard from the page listing.
5. Select **OK**. The button should navigate to the new keyboard.

Speech

The synthesiser can be used to speak individual characters, words, phrases or sentences. You can select exactly what and when you want to speak.

The **Speech** menu is accessed by selecting **Menu**  > **Application Settings** > **Speech Output** > **Voice**

The Liberator Rugged 7 comes with the following speech as standard:



- **Acapela** – ACAPELA Group Text-to-Speech is a European leader of voice solutions with over 30 years' experience. Child voices Harry and Rosie are included on the device. All other Acapela voices are available to purchase from Liberator Ltd.
- **Almagu Voices** – empower you to express yourself in a way that truly reflects your unique identity. We offer an extensive selection of voices, featuring a diverse range of ages, accents, languages, and geographic origins. Each voice is crafted from authentic recorded speech, ensuring an exceptionally natural sound.
- **The VoiceKeeper** – available at no cost to all Liberator customers, allows individuals to record their own voice and transform it into a personalised synthesised voice. This customised voice can then be seamlessly integrated into any Liberator device.

The **Test** button will allow you to hear a sample of the voice that is selected.

If you are using the Chat Editor, you will not have access to the synthesiser voices. "SAPI" voices were provided on the USB stick for your computer, you should be able to select them from the Voice pull-down list.


Each Synthesiser speaks words in their own way. Pronunciation exceptions can be added to a dictionary for each synthesiser. The voice synthesiser on the **Editor** is not the same as the device and the two will not pronounce words in the same way. Pronunciation changes made on the **Editor** will not impact the device.

To Add a word to the Pronunciation Dictionary


1. Select **Menu**  > **Application Settings** > **Speech Output** > **Voice > Pronunciations.**
2. Select **Menu**  > **New.**
3. Type the word in the **Pronounce** box.
4. Type the word's phonetic spelling in the **Pronounce As** box.
5. Test by choosing **Pronounce It.**
6. Once it is pronounced properly, choose **Save.**

To **Edit** or **Delete** a word from within the dictionary, push and hold on the entry and select the appropriate option.

You can configure LR7 to speak after every character, every word, every phrase, or every sentence (or any combination of these settings). The speech modes are set by checking on the appropriate box:

1. **Menu**  > **Application Settings** > **Speech Output**
2. Select **Character**, **Word**, and/or **Sentence**, or a combination these.

If you prefer to generate messages quietly, uncheck all options and speak by tapping the Speech Display Bar or by choosing a button provided with a **Speak** action once the message is ready for speaking.

Speech	
Voice Synthesizer, voice and pronunciation settings	
Character Speak after every character	<input type="checkbox"/>
Word Speak after every word	<input checked="" type="checkbox"/>
Sentence Speak after every sentence	<input checked="" type="checkbox"/>
Auto Clear Clear the SDB when spoken	<input checked="" type="checkbox"/>
Speech Off Toggle speech on/off	<input type="checkbox"/>

Auto Clear:

If **On** (checked) the Speech Display Bar will automatically clear after a sentence or message has been spoken, and the next text is chosen.

Speech Off:


This is a global setting for toggling all speech off and on.

Access Options

Some people who use the LR7 may have trouble reliably selecting individual buttons or keys due to tremors or lack of fine movement control. To assist these individuals, we've included several different methods of "filtering" user input to make selections more reliable. Four options are available for configuring the touchscreen; Select on Push, Select on Release, Acceptance Time, and Release Time.

- **Activate on Release:** when this is checked you can touch anywhere on the screen and drag your finger (or stylus) around until you are on the button you want. When you release on the desired button it will be selected. If this is unchecked the button will be selected when you first touch the screen.
- **Acceptance Time:** a button is not selected until you have held your finger on it for a certain period of time. You can set the acceptance time using the numeric control in the dialog.
- **Release Time:** helps prevent accidental selection of the same button twice. After a button selection, another button cannot be selected until the release time expires.

To set up the Chat software Input Timing options:

1. Select **Menu**  > **Application Settings > Input > Timing.**
2. Select **Acceptance Time** or **Release Time.**
3. If choosing to Enable either setting, choose Time and set it appropriately.

Activate on Release toggles between activating the screen immediately upon touch or upon release.

Beep on Button Press

Some may benefit from auditory cues when a button is selected. The Input Menu offers an option to toggle Beeps on or off when a button press is made.

1. Select **Menu**  > **Application Settings > Input > Beep on Button Press.**

Speech Display Bar (SDB)

The Speech Display Bar (**SDB**) displays the text that you've entered using the LR7. The size of the text that appears in the window can be changed; the number of lines of text can also be changed. Tapping on the **SDB** can speak all text generated.


Tapping the cross (X) on the right of the SDB will delete the last word, holding it will clear the entire display. Holding the **SDB** has the option to generate a menu that allows for sharing the text with other applications.

Speech Display Bar – contains text from button presses


X – deletes a word on single tap or clears the display if held



To change the functional SDB settings:

1. Select **Menu**  > **Application Settings** > **Input: Speech Display Bar** - the options include:
 - **Tap to Speak** – toggles the option for the SDB to speak when chosen or not.
 - **Tap to Expand** – toggles the option for the SDB to expand when chosen or not.
 - **Enable Menu** – toggles the SDB context menu on and off. The context menu offers options to share text to and from other applications.
 - **Enable/Clear SDB (X)** – Hides or shows the X in the far right of the SDB. The X deletes a word when tapped or clears the entire SDB if held.

To change the Style options of the SDB:

1. Select **Menu**  > **Application Settings** > **Style**.
2. Change the **Font**, **SDB Height**, **Background Colour**, and **Text Colour**.

Setting up Screen as Switch Scanning

Note: Switch Scanning is only available on the LR7 using the screen as a switch for one switch scanning.


As an alternative to directly selecting each button on the screen, LR7 with Chat Software offers single switch and two switch scanning. Options for customising a scanning technique can be found under:

Menu  > **Application Settings** > **Input** > **Scanning**.

Using the Touchscreen to Scan

There are times when a device user isn't capable of activating specific areas on the screen, i.e. doesn't have the pointing skills to hit one button. Using the touchscreen to scan allows the device user to tap anywhere on the front of the screen to initiate a scan of the buttons. Scanning is typically only used if the device user can't activate a specific button on a page and needs one specific target. In this scenario the front screen of the device can act as a single switch.

To set up the Touchscreen to Scan:

1. Select **Menu**  > **Application Settings** > **Input** > **Scanning** > **Enable Scanning**.
2. Select **Switch Access** > **Switch Configuration**.
3. Select **Touchscreen Only**.
4. Set other settings as appropriate.

Note: The keyboard is accessible by direct select regardless of whether scanning is on or off as long as **Use Screen as Switch** isn't checked in the **Switch Setup** menu.

Using Word Finder


Use the Word Finder feature to find the path to specific words. If you need to know if a word is included, use this feature to find where the word is stored.

Setting up Word Finder

There are two ways to use this feature: Set up a button or set up Word Finder as a menu item.

Setting up a Button

You can set up a button to initiate a word search.

1. Select **Menu**  > **Edit Mode**.
2. Press and hold on the button you want to modify (right-click if you are using the Editor). A list of button options appears.
3. Select **Edit Button**. The Button Properties screen appears.
4. Select the **Actions** tab.
5. Tap or click the list arrow to open a list of actions.
6. Choose the action **Find Word** then select **Save**.

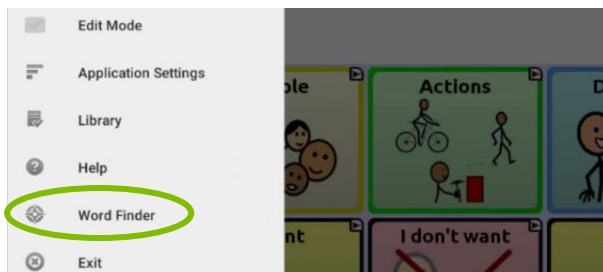
Note: Tap the **Find Word** button again to stop Word Finder.

Setting up Word Finder as a Menu Item


An alternative to using a button is to set up Word Finder as a menu item. In Application Settings there is an option to turn Word Finder on or off.

1. Select **Menu**  > **Application Settings** > **Word Finder** > **Show Menu Item**.

If you choose to turn this feature on, a Word Finder option will appear in the Menu bar on the left of the screen.



Setting the Display Time for Word Finder Results in the Speech Display Bar

To set the amount of time each Word Finder result is displayed in the Speech Display Bar, select **Menu**  > **Application Settings** > **Word Finder** > **Flip Interval**. The current interval is displayed.

1. To increase the interval, tap + (the plus sign) or type a higher number.
2. To decrease the interval, tap – (the minus sign) or type a lower number.
3. Select **Done** and then **OK**.

Finding Specific Words

When you want to find where a word is used:

1. Either tap the **Word Finder** button you created or choose the **Word Finder** menu item. A keyboard will open.
2. Type the word in the coloured box. Uses of the word will appear above the coloured box and one or more paths to the word will appear below the coloured box.



3. Tap **Done** to close the keyboard and view the paths to the word.


Note: To view the paths to one of the other words that are displayed above the coloured box, tap the word. The path to that word will appear below the coloured box.

Text Options



Abbreviation Expansion, Word Prediction, and Automatic Capitalisation provide additional tools for alternate message formulation.

Adding, Modifying, and Deleting Abbreviations

Abbreviations can be used instead of writing the entire word. Some abbreviations have been provided in the application. Those abbreviations cannot be modified or deleted.

To view the existing abbreviation library, select **Menu**  > **Application Settings** > **Abbreviations**.

To add a new abbreviation:

1. Select **Menu**  > **Application Settings** > **Abbreviations** then **Menu**  > **New**.
2. Enter the abbreviation to be used.
3. Tap **Next**.
4. Enter the text to be displayed and spoken.
5. Select **Save**.

To use the abbreviation, open the keyboard page and type the abbreviation, followed by a period (full stop). The abbreviation should expand automatically.

To modify an abbreviation:

1. Press and hold on the entry.
2. Select **Edit** and make appropriate changes.
3. Select **Save**.


To delete an abbreviation:

1. Press and hold on the entry.
2. Select **Delete**.
3. Select **Yes** to confirm.

Enabling Word Prediction

The application uses a static word prediction dictionary. North American English and British English dictionaries have been provided on the device.

To turn word prediction on or off:

1. Select **Menu**  > **Application Settings** > **Text** > **Prediction**.
2. Ensure **Enable** is checked.

To disable word prediction, uncheck **Enable**.

To select the word prediction dictionary:

1. Select **Menu**  > **Application Settings** > **Text** > **Prediction** > **Dictionary**.
2. Choose **American English** or **British English**.

Enabling Automatic Capitalisation

To enable automatic capitalisation:




1. Select **Menu**  > **Application Settings** > **Text**.
2. Ensure **Automatic Capitalisation** is checked.

To disable automatic capitalisation, remove the checkmark for **Automatic Capitalisation**.

Locking Menu

If you want to keep the user from accessing controls available in the menus, there are a couple of ways of doing this.

To lock the Chat software menu but continue to allow access to Android and other applications:

1. Select **Menu**  > **Application Settings** > **Menu Lock** and enable **Menu Lock**.
2. Enter a password and Save it.
3. Select **Back**  until you see the vocabulary.
4. Select **Menu**  > **Lock**. Access to the Chat Menu is now locked.

To unlock Chat Menus:

1. Select **Menu**  > **Unlock**.
2. Enter appropriate password and OK.

Note: If the password is forgotten, use **BOSCO** to over-write the existing password.


Menu Lock can be used in conjunction with Kiosk Mode for extra security.

Locking your LR7 Device

Hide Android and other Application Access


Not everyone will benefit from having access to the Android Operating System and other applications. These steps will close and re-open the LR7 with Chat locked.

Use the following steps to make your LR7 a “Closed” system.

1. Select **Menu**  > **Application Settings** > **System** > **Kiosk Mode** and check **Kiosk Mode**.
2. Set a password if you require one.
3. Select **Back** to exit the menu.
4. Push and hold the Power Button.
5. Press **Power Off**.
6. Switch the device back on. The device is now “closed”.

Note: you can still open Android apps with a Menu Option.

Allow Android and other Application Access

1. Select **Menu**  > **Application Settings** > **System** > **Kiosk Mode**
2. Uncheck **Kiosk Mode**.
3. Enter the password if you have set one.
4. Select **Back** to exit the menu.

Note: If the password is forgotten, use **bazinga** to over-write the existing password.

Your LR7 is now an “Open” system allowing access to the Android Operating System.



Kiosk Mode can be used in conjunction with Menu Lock for extra security.

Profiles

Profiles provide a snapshot of the current settings of the system to be saved for easy access at a later time.

Multiple profiles can be saved to be used when needed. A button action is also provided to allow settings to be changed by a user's button selection without the need to navigate the menus.

To create a New Profile:


1. Select **Menu**  > **Application Settings** > **Profiles** > **New**.
2. Give your profile a **name**, i.e. afternoon settings, and select **Save**.
3. Make all your setting changes that you want associated with this Profile; this includes the vocabulary file, Settings, Language, etc.
4. Select **Menu**  > **Application Settings** > **Profiles** > **Save**.
5. Choose your new profile to save your settings, i.e. afternoon settings.

Your new profile has been created with all the chosen settings. To make changes to be associated with a new profile, i.e. morning settings, repeat the steps above giving the profile a new name.


To Load a Profile

There are two ways to Load Profiles: either by navigating menus or by choosing a button.

To Load a Profile using menu options:


1. **Menu**  > **Application Settings** > **Profiles** > **Load**.
2. Choose the appropriate profile.

To Load a Profile using a button action:

1. Ensure you are in Edit Mode by selecting **Menu**  > **Edit Mode**.
2. Create a button to be used for choosing the Profile by holding (or right clicking if using Chat Editor) the button and selecting **Edit Button**.
3. Include a **label**, **message** & **icon** (as needed).
4. From the Action tab, choose **Select Profile** from the drop down list.
5. Choose the appropriate **Profile**.
6. Select **OK**.
7. Choose the button to Load the Profile.


Repeating the above steps for a 2nd profile allows for switching between the 2 profiles without navigating menus.

To Delete a Profile:

1. Select **Menu**  > **Application Settings > Profiles > Delete.**
2. Choose the appropriate Profile to delete from the listing.

Restoring Default Settings:


At any time, the default settings can be restored:

1. Select **Menu**  > **Application Settings > Profiles > Load.**
2. Choose **Load Default Settings.**

Languages


As languages become available, they will be offered in the Chat Software.

To gain access to alternate languages:

1. Select **Menu**  > **Application Settings** > **Language**.
2. Choose the appropriate Language.

Changing the Language Setting provides alternative voices.

To change the voice:

1. Select **Menu**  > **Application Settings** > **Speech Output** > **Voice** > **Synthesizer**.
2. Choose the Synthesizer you wish to use.
3. Select **Voice Settings** and choose a voice from the drop down menu.
4. Select Save, then select **Back** to exit the menu.

The Synthesizer menu in the **Voice Section** shows the available Synthesizer options. Each synthesizer provides its own set of Voice options. Voice options will vary depending on the Language chosen.

If you are using the Chat Editor, you will not have access to the synthesizer voices. Only "SAPI" English voices were provided with the installer for your computer.

Display Brightness and Screen Timeout

The brightness of the screen and the amount of time it takes to automatically power down after no use can be set in Display Settings.

1. Select **Menu**  > **Application Settings** > **System** > **Display Settings**.


Brightness provides a slide bar for manually setting the brightness or an option to have the system automatically set the brightness. If you prefer the device to adjust the brightness automatically, check the option.

Screen Timeout offers settings from 15 seconds to 1 hour. This setting determines how long the screen will stay on after the last activation.

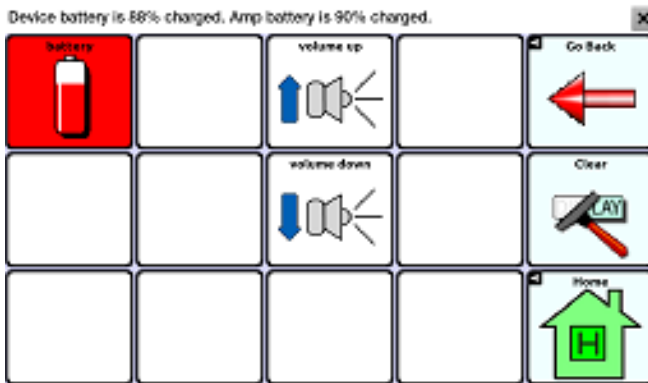
Checking Battery Status

The battery status can be checked by navigating menus or by having a button on a vocabulary page that checks the status. Some Saltillo-provided vocabulary files already include buttons for checking the battery status. For instance: ChatPower offers the option from the last page of Groups, MultiChat 15 offers the button on the Device Tools page from the 2nd page of “Things”

To create a button that checks the battery status:

1. Identify a button you want to modify.
2. Select **Menu**  > **Edit Mode**.
3. Tap and hold the button.
4. Select **Edit Button**. The Button Properties screen appears.
5. Choose the **Actions** tab.
6. Use the drop-down list to select the **Battery Status** action.
7. Select **Save**.

The **Battery status** button will speak and display the current capacity of the battery.



To check the device battery status through menus:

1. Select **Menu**  > **Application Settings** > **System** > **About Device**.

Here you will find the status and battery level of the device.

Setting the Date and Time


A button can be created to speak & display the current Date and Time. The time, time zone and date need to be set up for your area.

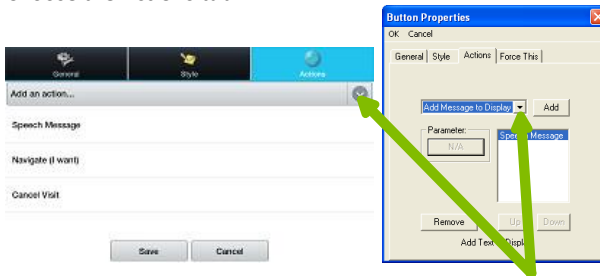
To Set the Time and Date:

1. Select **Menu**  > **Application Settings > System > Date and Time.**

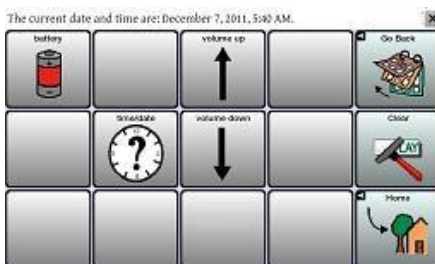
Here you can **Set Date**, **Select Time Zone**, **Set Time** and choose the appropriate format.

To Create a button that speaks and displays the Time and Date:

1. Identify a button you want to modify.
2. Select **Menu**  > **Edit Mode.**
3. Tap and hold the button.
4. Select **Edit Button.** The Button Properties screen will appear.
5. Choose the **Actions** tab.




6. From the drop-down list select **Add Time/Date to Display.**
7. Select **Date and Time, Date,** or **Time** and select **Save.**
8. Remove any other existing actions.
9. Finish your button by adding a label and/or symbol, setting appropriate styles, and saving the button. The button should now add the time and date to the Speech Display Bar when chosen.



Adjusting Audible & Haptic Feedback

The LR7 provides an option to have an audible and/or vibration sensation when a button is activated. The vibration sensation option setting is called Haptic Feedback.

To set Activation Beeps:

To add button clicks for vocabulary page activations, go to **Menu**  > **Application Settings** > **Input** and check the **Beep on Button Press** option.

Audible Selection provides an audible click when navigating through the chat menus and Android screens.

Haptic Feedback gives vibrations to indicate screen touches. Touch Haptic Feedback to enable or disable vibration. When enabled, a check mark appears in the check box.

To Set Haptic or Audible Selection Feedback settings:

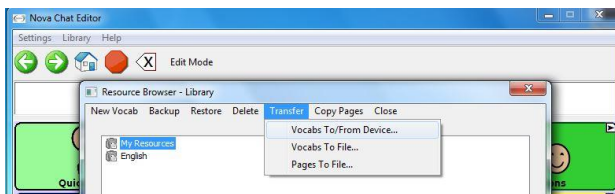
1. Choose **Menu**  > **Application Settings** > **System** > **Sound Settings**.

Transferring Data between the Editor and the LR7

1. Attach the USB cable to the LR7 device and PC. The device will display the screen below:



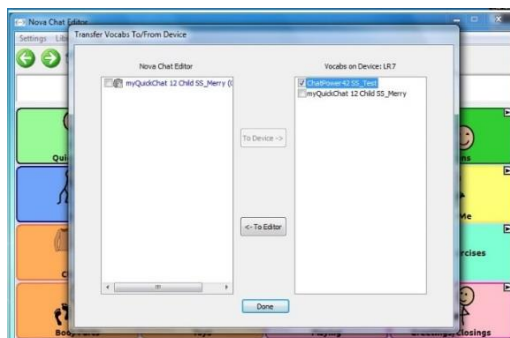
2. Start Chat Editor on your PC.
3. Choose **Library** Menu from Chat Editor, choose **Transfer** and then choose **Vocabs To/From Device**.



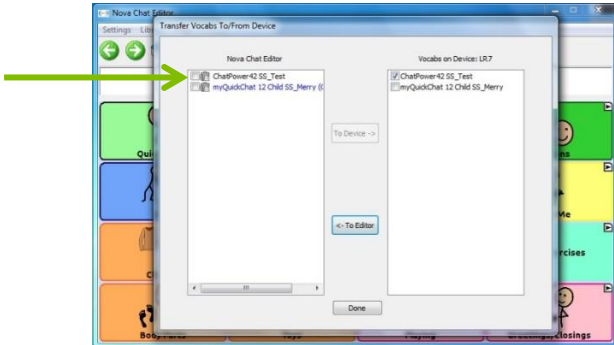
4. The Editor Transfer Screen will be displayed.

Copying Files from the LR7 device to the Editor

1. In the LR7 section of the Transfer Screen, check or put a tick on the files you wish to copy.
2. Click on **To Editor**.



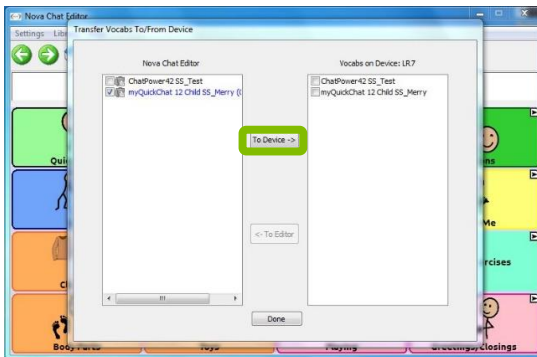
3. The file name will be listed in Device Files once complete.



4. Once the transfer is complete, choose Done and unplug the USB cable.

Copying Files from the Editor to the LR7

1. In the Editor section, of the Transfer Screen, check or put a tick on the files you wish to copy.
2. Click on **To Device**.



3. The file name will be listed in Device Files once complete.
4. Once the transfer is complete, choose Done and unplug the USB cable.

Analysing Language Development

You can use the data logging capabilities of your device to collect information on a person's language development. Then you can upload that information to the Realize Language website.



This process allows you to monitor, measure and maximise the person's use of the device.

Using the Realize Language Website

Realize Language is a subscription-based online service that organises and analyses information and presents the results in easy-to-understand graphic formats that provide valuable insights into each person's language development. With this service you can:

- Track the person's progress and communication development over time
- Compare different aspects of communication automatically
- Create a detailed summary of performance
- Share information with others
- Quickly create reports that anyone can understand

To learn more, go to the Realize Language website:

<https://realizelanguage.co.uk/info/>

To view or download the Realize Language Starter's Guide, go to:



<https://realizelanguage.co.uk/info/support>

For support or to learn more about data logging and how to collect data please contact our Customer Support team on 01733 370 470 (option 2).

Clearing the LR7 / Deleting all Custom Files



Although most systems are purchased with one end user, there are times that devices are shared for more than one person. This can occur when systems are used in schools or in libraries. In these cases, the vocabulary and settings will need to be cleared between device users.

To clear all custom vocabulary from the LR7:

1. Select **Menu**  > **Library** then **Menu**  > **Delete**.
2. Check each file in this listing (this listing contains only custom files).
3. Select **Delete**.
4. Confirm by selecting **Yes**.

The LR7 should now contain only the Saltillo provided default vocabulary files.

To restore all device Settings to Default:

1. Select **Menu**  > **Application Settings** > **Profiles** > **Load**.
2. Select **Load Default Settings**.
3. The appropriate **Synthesizer** and **Voice** will need to be set up manually by going to **Menu**  > **Application Settings** > **Speech Output** > **Voice**.

Pictures can manually be removed by choosing the Gallery app in Android. Press and hold on each picture, then select the Bin icon to delete them.

Music that has been added to the device can be removed by going to the Music app in Android. Press and hold on the song, then select the Bin icon to delete it.

Any downloaded apps will need to be deleted from the system where possible.

Care and Maintenance

Your **LR7** device is intended for use in normal communication situations. Your device is waterproof when all socket covers are in place but still use caution when using it around water. As with most electronic devices, you should *never* use your **LR7** when you are actually in the water (for example, a pool or bath).

If you wish to clean the plastic and glass portions of your device, use a cloth *dampened* with water or diluted window cleaning fluid. Do not spray or splash liquid directly on the device. For additional cleaning power, moisten a clean cloth in a mixture of one-part water and one-part vinegar.

When charging your **LR7**, use only that charger that came with the device.

The batteries for the **LR7** are not field replaceable and the device will need to be returned to Liberator for servicing.

Replacement and repair of any electronic components of your device should only be done by qualified service personnel.

The touchscreen and display, although chemically hardened, could potentially be broken exposing broken glass. If the glass breaks, please contact Liberator and do not use the device.

Instructions for Disposal of Waste Equipment by Users within the European Union

The WEEE symbol on this product indicates that this product must not be disposed of with other waste. Instead, it is your responsibility to dispose of your waste equipment by contacting Liberator Ltd on 01733 370470 (option 2).

Detailed disposal instructions and further information can also be found on our product support website:

<https://www.liberator.co.uk/support/product/compliance/weee>

The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.



Liberator | UK

A PRC-Salttillo Company

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