LOGAN® BrailleCoach™ Instruction Manual

Thank you for purchasing the LOGAN® BrailleCoach™ teaching device and Sound Tags. The device is designed to introduce the user to Grade 1 and Grade 2 Braille allowing the user to practice both without the aid of an instructor. Headphones can be used where privacy is desired. Custom Braille or other tactile symbol Sound Tags can be created for instructors to give "homework" for practicing more challenging assignments.

For additional details regarding the ProxTalker® BrailleCoach™ teaching device, available accessories, and other products, please visit our websites.

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Quick Start Guide

Unpacking

If you are reading these instructions you've already unpacked the LOGAN® BrailleCoach™ teaching device and Sound Tags. Please do not discard the packaging. In the unlikely event that you will need to return the unit for upgrade or repair you will need this packaging material. It is designed to protect the unit from damage during shipping.

Installing or Replacing Batteries

The device requires alkaline AA size batteries. Do not use carbon batteries because they will wear out very quickly. Never mix battey types!

1. Turn the device over.
2. Using phillips screw driver remove the screw on the battery cover.
3. Remove the exhausted batteries noting which way they were pointing.
4. Insert the new batteries into the battery compartment. Make certain that all the batteries are inserted pointing in the correct direction.
5. Replace the cover.
6. Replace the screw. IMPORTANT: Do NOT over tighten the screw. Turn it until you feel resistance and then stop.

Powering Up

As long as there are batteries in the device it is powered up. There is no need to do anything. It uses very little electricity when it is not being used.

Playing Sounds, Words, or Phrases

The device can play one Sound Tag at a time.

1. Select the Sound Tag you would like to play.
2. Place the Sound Tag on the target area.
3. When you are ready to play a sound press down on the activation button.

Powering Down

The BrailleCoach™ device "goes to sleep" after a few seconds of not speaking. It draws very little power in sleep mode. You do not need to remove batteries unless they are exhausted or you plan to store the device for an extended period of time.

Customizing Sound Tags

Using Custom Labels

You may apply custom Braille labels or other tactile symbols to Sound Tags. Sound Tags are very robust and can withstand lots of abuse.

Making Custom Tags

Blank Sound Tags are available for purchase. These tags can be used for any word or phrase. There are no preset sounds associated with these tags.

Step by step instructions on how to record a new sound on a blank tag

1. Locate the RECORD Tag and a blank Sound Tag.
2. Apply a Braille or tactile symbol label to the blank Sound Tag.
3. Place the RECORD tag onto the target area.
4. Press the activation button.
5. Remove the RECORD tag from the target area.
6. Place the Sound Tag to be recorded onto the target area.
7. Press the activation button and hold it.
8. Once the instructions end and the tone is heard begin speaking the words or phrase to be recorded.
9. Release the activation button.
10. The Sound Tag will now play the recorded message when placed on the target area and the activation button is pressed.

Note: By default to the BrailleCoach™ teachng device will record a 2-second sound (if you press and release the activation button in step 7). However, if you press and hold the blank tag you can extend the recording time up to 8 seconds.

Step by step instructions on how to re-record a sound over a previously programmed tag

Any tag can have its sound replaced – whether it is a pre-programmed Sound Tag or a customized blank Sound Tag. The steps required to re-record are identical to creating a new tag. Follow the steps above.

Returning a Sound Tag to its original Sound

1. Locate the ERASE Sound Tag and the Sound Tag you want to reset to its original sound.
2. Place the ERASE Sound Tag onto the target area.
3. Press and release the Activation Button.
4. The BrailleCoach™ teaching device will prompt you to press the Sound Tag to be erased.
5. Remove the ERASE Sound Tag from the target area.
6. Place the Sound Tag to be erased onto the Target Area.
7. Press the Activation Button.
8. The Sound Tag has been erased.

Note: If you erase a pre-recorded Sound Tag it will return to its original sound. If you erase a blank sound tag that you had customized it will return to having no sound. Be sure to remove your custom label.

Changing Speaker Volume

The BrailleCoach™ teaching device has four volume levels. You can increase or decrease the volume any time you like.

To increase the speaker volume, activate the Increase Volume Programming Tag.

To decrease the speaker volume, activate the Decrease Volume Programming Tag.

After each activation of a vlume change tag the BrailleCoach™ device will play a test sound.

Using the "Mode" changer

The BrailleCoach™ teaching device has three "Mode" settings. You can change modes by placing the MODE tag onto the target zone and pressing the activation button.

1. MODE 1: Letters and Dots. This mode will play the letter and the dot positions when a standard Braille Sound Tag is presented. This is to allow the user to learn the letter and its associated dot pattern. Having the dot pattern called out helps reinforce the tactile pattern.
2. MODE 2: Letters only. This mode only plays the letter name when the standard Braille Sound Tag is activated. This allows the user to try to recall the dot pattern without being reminded of it.
3. MODE 3: Letters and Words. This mode introduces the user to Grade 2 Braille by playing the letter and the word that it stands for when used as an abreviation. Most Braille letters have a short hand Grade 2 word associated with them but there are a few exceptions. The word is also printed out in full on the lower portion of the tag so the user can learn to read the entire word in Braille as well.

Note: MODE 1 is the default setting and all units are shipped in MODE 1.

Loading New Tag Sets

The BrailleCoach™ teaching device can recognize thousands of Sound Tags. Please visit our web sites to order additional Sound Tag Sets. New Sound Tag sets may become available so visit the sites often!

SD Card Method

Once you receive a new Sound Tag Set you will need to replace the memory in the BrailleCoach™ teaching device.

1. Open the battery compartment.
2. Remove the batteries making note of the orientation of each battery.
3. Locate the memory card inside the compartment. Press it in gently until you hear a click and then pull out the card.
4. Insert the new memory card until you hear a click.
5. Replace the batteries and battery cover.
6. Secure the battery cover with the screw provided. Do not over tighten!

Send the BrailleCoach™ device in for Updating

This method is recommended for users that are not comfortable updating the BrailleCoach™ device themselves.

1. Locate the original shipping materials that came with the BrailleCoach™ device.
2. Carefully re-package the BrailleCoach™ device.
3. Contact the Service Center to purchase an Update Package.
4. The Service Center will give you an Update Number.
5. VERY IMPORTANT: Write the Update Number on two sides of the package in clear, large numbers using a permanent marker.
6. Ship the device to the service center listed on the website.

The Service Center will perform a functional test of the device, update it with the latest firmware and sounds, and ship it back to you. If a problem is detected the Service Center will contact you before performing any updates.

Upgrading Firmware

Send your BrailleCoach™ device to the factory to be upgraded using the instructions listed above. There may be a fee for this service.

Troubleshooting

The BrailleCoach™ teaching device is should provide many years of trouble free service. If the device is damaged or stops working there are a few things you can do to determine the problem. In some cases you can repair the unit yourself. In other cases you will need to return the device for repair.

The BrailleCoach™ device is not saying anything!

The most common problem is that the batteries need to be changed. Try replacing the batteries in the unit. In rare cases the device may need to be reset. In this case just remove and then reinsert the batteries.

I can't get a good recording. Recorded sound is too quiet. The end of the recording gets chopped off.

It is important to record sounds in a very quiet room and to speak very clearly into the microphone using a normal speaking voice as though you were speaking to the person you help. When recording a new sound place the BrailleCoach™ device on a table or desk. Sit down in front of the device and place it in front of you so you can see the front edge easily. When recording look at the device but do not touch it.

Oh No! The package got damaged; I lost the battery screw; I lost the battery cover.

Some but not all of the BrailleCoach™ teaching device parts are user replaceable. If there is no replacement part you need to send the unit in for repair.

Specifications   PRELIMINARY – SUBJECT TO CHANGE

Dimensions	4" wide x 7.75" tall x 1" thick
Weight	0.7 lbs with batteries
Power Requirements	4 alkaline AA-size batteries
Battery Life	Sleep Mode: 6 months Continuous use: 2 months
RF Emissions	13.56 MHz, 10 uW for 10 msec when button is pressed
Storage Temperature	0 to 120 F
Operational Temperature	-20 to 120 F
Humidity	0 to 90% RH, non-condensing
Sound File Capacity	20,000 sounds, 1.5 second average length
Custom Sounds	10,000, 1.5 second average length
Volume levels	0 dB, -3 dB, -6 dB, and -9 dB

FCC Notice

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.
- Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

"Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication."

"This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device."

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible

RoHS statement

All environmentally friendly ProxTalker.com,LLC LOGAN® BrailleCoach™ teaching devices bearing the proprietary RoHS Compliant © Logo are certified to comply with all requirements of the Restriction of Hazardous Substances - EU Directive 2002/95/EC: restriction on the use of certain hazardous substances in electrical or electronic equipment sold or used in the European Union after July 1, 2006. These substances are lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, and polybrominated diphenyl ethers.

Warranty Information

ProxTalker.com, LLC warrants that any hardware provided is free from defects in materials and workmanship under normal use. ProxTalker.com, LLC warrants that the product will perform substantially in accordance with the specifications set forth in the Documentation. However, abusive handling, contamination by immersion in liquids, exposure to extreme temperatures, battery leakage, or modification of the housing may make it difficult or impossible for the product to perform. The warranties described above are made for a period of one (1) year from the date the products are delivered to you as the first user.

ProxTalker.com, LLC will repair or replace any hardware that proves defective in materials, workmanship, or must be corrected to achieve warranted performance, without additional charge, on an exchange basis, as described below. If ProxTalker.com, LLC is unable to replace defective hardware or is unable to make the product perform to its specifications within a reasonable time, ProxTalker.com, LLC will either replace the entire package with a similar product or refund the purchase price of the product.

ProxTalker.com, LLC does not warrant that the product will meet your requirements or that its operation will be uninterrupted or error free. The warranty does not cover component or part of the product that has been subjected to damage or abuse, or that has been altered or changed in any way by you or others. ProxTalker.com, LLC is not responsible for problems caused by any user supplied hardware, batteries, or any upgrades or modifications to these items that are made after the delivery of the product to you. Any implied warranties, including any warranties of merchantability or fitness for a particular purpose, are limited to the term of this express warranty. Note: Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

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