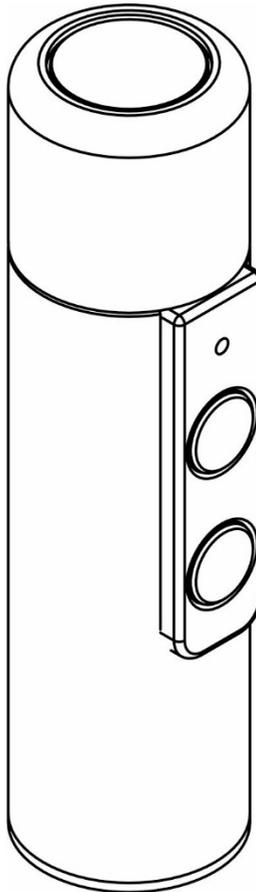


LABEX™ HARMONY EL

USER MANUAL



OVERVIEW

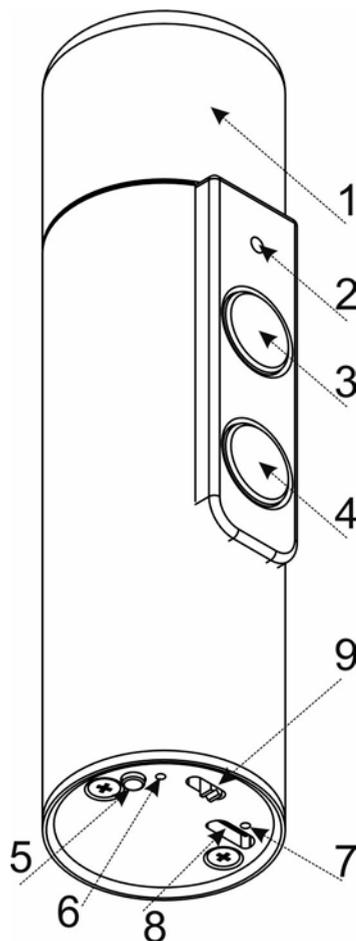
1. What is Labex Harmony

Labex Harmony is a digital electrolarynx device. It is specially designed to help laryngectomies talk. Its main feature is the two configurable talk buttons

2. Parts and buttons

Labex Harmony consists of several main components:

- 1) Top cap – The part which you put on your neck
- 2) Indicator LED – Indicates battery charge
- 3) TALK button 1 – Press the button and talk. It can be configured with its own unique volume and pitch.
- 4) TALK button 2 – Press the button and talk. It can be configured with its own unique volume and pitch.
- 5) SETTINGS button – Used for changing settings
- 6) Red LED – Indicates when the battery fully charged
- 7) Green LED Indicates when the battery is charging
- 8) USB port – Used to charge the device with the included USB cable
- 9) ON/OFF switch – Used to turn the device ON or OFF



3. In the box

In the box, you will find everything you need to start using the device:

1. Labex Harmony electrolarynx device;
2. USB charging cable;
3. USB charger 5V 2A;
4. Labex lanyard;
5. User manual;
6. Warranty card.

GETTING STARTED

4. Basic use

After you get the device out of the box, you need to turn it on. Use the ON/OFF switch at the bottom of the device to turn the device on. The LED will light up green for a short time. To make the device produce sound, press TALK button 1, or TALK button 2.

5. Finding the sweet spot

A sweet spot will allow sound to transmit through your neck tissue and your oral cavity with the most clarity. The easiest way to find your sweet spot is to place the electrolarynx on your neck in different positions while you are pushing one of the TALK buttons. What you are looking for is the place on your neck, which transmits/projects sound the best. While looking for a sweet spot, it is crucial that you press it firmly against your neck tissue, so the sound transmits through your neck tissue and out your oral cavity. Take your time finding your sweet spot – this is the most crucial part of learning to use an electrolarynx. Finding just the right place will set you up for success.

6. First Words

After you have pinpointed the desired spot, you can start making some basic sounds. Focus on single vowels first. Over-articulate every sound with your mouth until you feel comfortable with all the vowels. After that, you

can start practicing short words. Slowly work your way up to sentences and conversation.

For a more detailed guide, please check our article:

<https://labextrade.com/tips-for-using-electrolarynx/>

7. Expectations

Learning to speak with an electrolarynx device is not easy. Think of it as learning to play a musical instrument. It will take time, practice, and patience. Start with baby steps and work yourself up.

SETTINGS

8. How to change the volume?

You can adjust the volume of each button individually. To do so, follow this procedure:

- 1) Press and hold the talk button you wish to adjust the volume of (TALK button 1 or TALK button 2)
- 2) While holding your desired talk button, press and hold the SETTINGS button. The LED should start glowing red.
- 3) Keep both buttons pressed.
- 4) After a few seconds, the device will start buzzing on its own. Release all buttons. The device is now in "Volume setup mode."
- 5) You can now hold TALK button 1 to increase the volume up, or TALK button 2 to decrease the volume down.

NOTE: *The LED will blink red if you are at the maximum or minimum volume. Otherwise, it will blink green.*

- 6) After you reached your desired volume, press the SETTINGS button to confirm, the device will automatically save your desired volume.

NOTE: You can choose different volume for each TALK button.

9. How to change the pitch?

You can adjust the pitch of each button individually. To do so, follow this procedure:

- 1) Press and hold the SETTINGS button.
- 2) While holding the SETTINGS button, press and hold the TALK button, you wish to change the pitch of (TALK button 1 or TALK button 2).
- 3) Keep both buttons pressed. The LED should start glowing red.
- 4) After a few seconds, the device will start buzzing on its own. Release all buttons. The device is now in "Pitch setup mode."
- 5) You can now hold TALK button 1 to increase the pitch up, or TALK button 2 to decrease the pitch down.

NOTE: The LED will blink red if you are at the maximum or minimum pitch. Otherwise, it will blink green.

- 6) After you reached your desired volume, press the SETTINGS button to confirm, the device will automatically save your desired pitch.

NOTE: You can choose a different pitch for each TALK button.

10. How to reset all settings to factory defaults?

If you feel you want to revert the device to its factory default volume & pitch, follow these steps.

- 1) Press and hold all the buttons at the same time (TALK button 1, TALK button 2 and SETTINGS buttons)
- 2) The LED will start blinking blue. Continue to hold all the buttons until the LED turns from blue to white.
- 3) When the LED turns solid white, release all the buttons and wait 3-4 seconds. All the settings have been reset to factory default.

BATTERY

11. Check the battery level

While the device is turned ON, press and hold the SETTINGS button. The Indicator LED will light up.

GREEN – Battery is charged (50% - 100%)

YELLOW – Battery is below half (25% - 50%)

RED – Battery is below 25%. The LED will continue to glow in red after each button press, to remind you to charge your device.

When the battery gets critically low, the device will stop producing sound, and the LED will blink red after each press of the talk buttons. This will ensure that there will be no damage to the battery and will keep the battery healthy.

NOTE: Please make sure to charge your device when the indicator LED lights up in RED. This will make sure you will have plenty of charge, and the battery stays healthy.

12. Charging the battery

To charge the device plug the provided USB cable into the USB port at the bottom of the device. Plug the other end of the provided USB cable into the provided USB charger and plug the charger into an electrical socket. The Green and Red LEDs at the bottom of the device should light up. Your device has finished charging when the Red LED, at the bottom of the device, turns off.

Keep in mind that the device will not work while it is charging. This is a safety measure to prevent any damage to the device.

CARING FOR YOUR DEVICE

13. Cleaning the device

To clean your device, use a soft cloth or microfiber towel with a little spray of water or window cleaning solution. Carefully rub the outside of the device. Try not to leave the device standing under direct sunlight for extended periods of time. This could potentially hurt the health of the integrated battery.

INFORMATION

14. Warnings

- **Do not submerge the device underwater.** Do not wash the device under running water. This will potentially damage the device.
- **Do not try to disassemble** the device under any circumstances. This will permanently void your warranty.
- **Do not use any third-party** chargers or charging cables. Use the original ones provided in the box. Using any other charging equipment could potentially damage the battery or the device.

15. Warranty

All Labex devices come with a limited 2-year warranty. The limited warranty covers all damages during normal use, explained on the back of the warranty card. Trying to open/repair the device, causing extensive shock damage (dropping it, hitting it against other objects, etc.), or liquid damaging it (submerging in water or other chemicals) will void your warranty. Please read the warranty card. To learn more about the Labex warranty, please visit <https://labextrade.com/warranty-policy/>

If you have any problems with your device, contact your distributor or contact us directly <https://labextrade.com/contacts/>

16. Contact information

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Website questions:	admin@labextrade.com
For more information visit	https://labextrade.com

17. Technical specifications

General:	
Adjustable tone	Yes
Adjustable volume	Yes
Frequency range	70 - 165 Hz
Volume range	60-83 dB
Speech buttons	2
Setting button	1
Speech time	Up to 24 h.
Charging time from 0 to 45%	60min with Labex charger
Charging time from 0 to 100%	3h 15min with Labex charger
Connector	Micro USB
USB Charging	Battery Charging Specification 1.2
Input power:	5V 1.5A max.

Physical:	
Diameter x Length	∅ 32 x 123 mm
Weight	190 g
Body material	Premium Polished Stainless Steel
Top cap material	ABS plastic
Battery:	
Capacity	3400 mAh
Battery type	3.7V Li-Ion
Battery model	Custom Pack
Cell manufacturer	LG Chemical
Battery life	More than 3 Years
Protection	Smart electronics