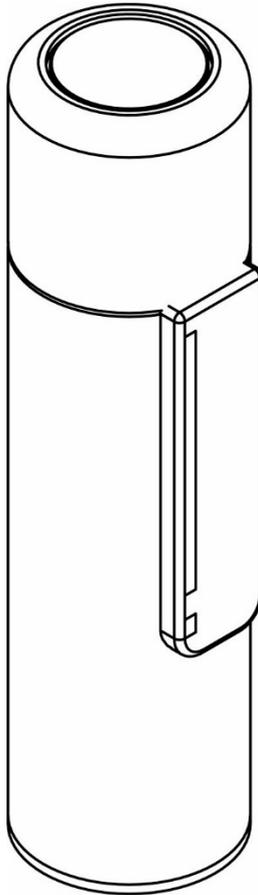


LABEX™ INSPIRATION EL

USER MANUAL



OVERVIEW

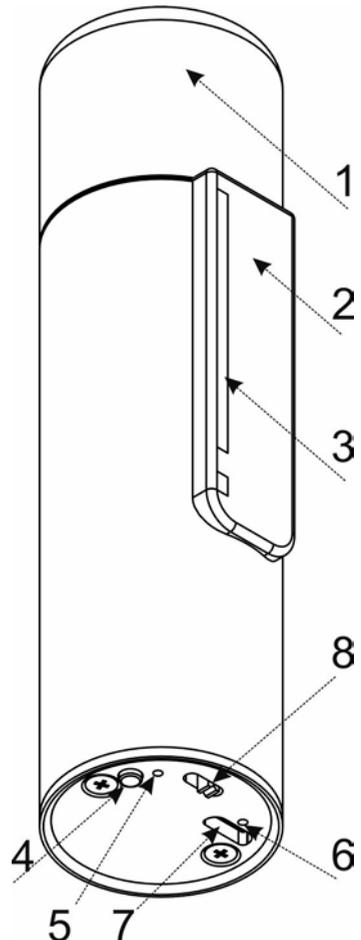
1. What is Labex Inspiration

Labex Inspiration is a digital electrolarynx device. It is specially designed to help laryngectomees talk. Its main feature is the touch slider.

2. Parts and buttons

Labex Inspiration consists of several main components:

- 1) Top cap – The part which you put on your neck.
- 2) Touch Slider – Touch to talk, and slide your finger up and down to change the pitch
- 3) LED bar – Active LED bar that shows you information like current pitch level, battery level, etc.
- 4) SETTINGS button – Used for changing settings.
- 5) Red LED – Indicates when the battery fully charged
- 6) Green LED Indicates when the battery is charging
- 7) USB port – Used to charge the device with the included USB cable
- 8) 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 Inspiration
electrolarynx device; | 3 – USB charger 5V 2A; |
| 2 – USB charging cable; | 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. To make the device produce sound, just put your thumb on the Touch Slider. Moving your finger up and down will change the pitch up and down, respectively.

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 your finger is on the touch slider to actuate it. 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. Changing the volume

Turn the device ON using the ON/OFF switch. Put your finger on the slider and hold it there. While holding your finger on the slider press and hold the SETTINGS button. While holding both the SETTINGS button and your finger on the slider, start sliding your finger up and down. You will hear the volume changing. Release the SETTINGS button when you are happy with the volume.

9. Changing the pitch while talking

Sliding your finger up and down the slider while you are talking will change the pitch. This can be used to reproduce the desired tone as in normal speech.

NOTE: Practice pitch control only AFTER you learned to do basic speaking with the device. Work your way up!

10. Mode menu

Labex Inspiration has several working modes. You can select these modes through the MODE MENU.

To enter the MODE MENU:

- 1) Turn OFF the device using the ON/OFF switch.
- 2) Press the SETTINGS button and hold it pressed.
- 3) While holding the SETTINGS button turn ON the device using the ON/OFF switch (don't let go of the SETTINGS button).
- 4) The first bar of the LED indicator will light up. If you continue to hold

the SETTINGS button after 5 seconds the second bar of the LED will light up, after another 5 seconds the third bar on the LED indicator will light up, and so on. Every bar indicates a different MODE. You choose a MODE by RELEASING the SETTINGS button while the corresponding bar is glowing.

EXAMPLE: If you want to choose option #3 – Turn of the device. Hold the SETTINGS button. Turn on the device while holding the SETTINGS button. The first LED bar will light up. Continue to hold the SETTINGS until the third LED lights up when the third LED lights up RELEASE the SETTINGS button.

11. Mode list

List of all available modes:

1 Standard intonation mode: Regardless of where on the slider you put your finger, the device will start at the same BASE FREQUENCY. Moving your finger up and down will change the pitch high and low, respectively.

2 Linear Intonation mode: Similar to the standard mode. The device will start at a frequency corresponding to where on the slider you put your finger. Moving your finger up and down will change the pitch high and low, respectively.

3 Volume mode: Sliding the finger up and down changes the volume up and down, respectively.

4 East Asian modulation: The slider is separated into five distinct zones with flat tones and quick transitions in between. This mode is specifically designed for East Asian languages.

5 Musical notes mode:
The slider is separated into 8 distinct zones. Each zone represents one musical note from the D Major octave.

6 Automatic START/STOP:
Choosing this mode will enable the automatic START/STOP function using the top cap sensor. When enabled, the device will start producing sound automatically as soon as you touch it to your neck. To disable Automatic START/STOP, select the mode again.

7 Factory reset:
Choosing this option will revert the device to its factory settings.

8 Base Frequency Select:
This option is used to adjust the BASE FREQUENCY that is used by the

Standard Intonation mode (Option #1). After selecting the option, the device will start emitting sound. Slide your finger up and down the slider to adjust the BASE FREQUENCY. When you are happy with the tone, press the SETTINGS button to save.

Note: You can turn on and off “Automatic START/STOP,” regardless of which mode the device is in. For example, you can enable it in MODE #1 as well as MODE #2 or MODE #3, etc.

BATTERY

12. Check the battery level

While the device is turned ON, press and hold the SETTINGS button. The LED indicator on the slider will fill up corresponding the battery charge. Just like on your smartphone. If all or nearly all LEDs light up, that means the battery is close to full. If there are only one or two LEDs lighting up – your battery is close to drained.

Note: When the battery is fully drained, the device will stop emitting sound, and a red LED will light up every time you touch the touch slider or the top cap.

13. 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 a wall socket. The Green and Red LEDs at the bottom of the device should light up. Your device has finished charging when the Red LED turns off.

Note: The device will not work while it is charging. This is a safety measure to protect the battery and the device.

CARING FOR YOUR DEVICE

14. 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

15. 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.

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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For more information visit <https://labextrade.com>

17. Technical specifications

General:	
Adjustable tone	Yes
Adjustable volume	Yes
Frequency range	55 - 155 Hz
Volume range	60-83 dB
Different modes of operation	5 modes
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	Ø 32 x 123 mm
Weight	186 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