

LABEX™ DIGITAL EL

USER MANUAL



OVERVIEW

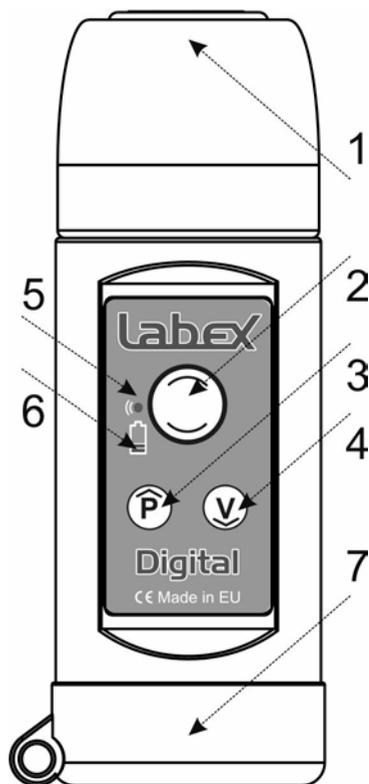
1. What is Labex Digital

Labex Digital is a digital electrolarynx device. It is specially designed to help laryngectomees talk.

2. Parts and buttons

Labex Digital consists of several main components:

- 1) Top cap – The part which you put on your neck.
- 2) START button – Main button, press it to produce sound
- 3) UP button – Used for changing settings.
- 4) DOWN button – Used for changing settings.
- 5) Indicator LED – Lights up when the START button is pressed.
- 6) Battery indicator – Lights up when the battery needs charging.
- 7) Battery cover – Used to secure the battery inside the device



NOTE: The actuator buttons are sensitive. They require about 160 grams of force to make contact. Please avoid pushing them with extreme force. Doing so could damage your device.

3. In the box

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

- Labex Digital electrolarynx device
- 2 batteries 9v rechargeable Li-Io
- Two socket charger
- Labex lanyard
- User manual
- Warranty card

GETTING STARTED

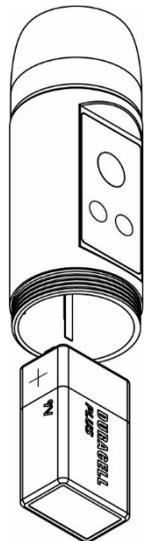
4. Inserting the battery

- a. First, you need to insert a battery into the device. Grab one of the two included batteries and carefully remove the protective plastic around it.
- b. Unscrew the battery cover at the bottom of the device.
- c. Insert the battery into the battery well, while making sure to match the “+” and the “-” of the battery with the ones inside the device.
- d. Screw back the battery cover

Note: If you insert your battery the wrong way, your device will not be damaged, but it will not work.

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 the START button. 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

To adjust the volume of your device, follow these steps:

- 1) Press and hold the DOWN button until the device starts buzzing.
- 2) When the device starts buzzing, release the button. The device should keep buzzing by itself without any button being pressed.
- 3) Hold the UP or DOWN button to adjust the volume up or down.
- 4) After you reached the desired volume, press the START button. The device will automatically save your desired volume.

9. How to change the pitch

To adjust the pitch of your device, follow these steps:

- 1) Press and hold the UP button until the device starts buzzing.

- 2) When the device starts buzzing, release the button. The device should keep buzzing by itself without any button being pressed.
- 3) Hold the UP or DOWN button to adjust the pitch up or down.
- 4) After you reached the desired pitch, press the START button. The device will automatically save your desired pitch.

10. How to reset all settings to factory defaults

- 1) If you feel you want to revert the device to its factory default volume&pitch follow these steps.
- 2) Press and hold all the buttons at the same time (START, UP and DOWN buttons)
- 3) The red Battery Indicator LED will start blinking. Continue to hold all the buttons until the Battery Indicator LED stops blinking and lights up in solid red.
- 4) When the Battery Indicator LED turns solid red, release all the buttons and wait 3-4 seconds. All the settings have been reset to factory default.

BATTERY

11. Low battery

Labex Digital has a built-in battery indicator, which will warn you when the battery level gets low. When the battery goes down to 20%, the Battery Indicator LED will start blinking after every press of the START button. When the battery drains down to 10%, the Battery Indicator LED will light up solid red after each press of the START button. At this point, you should replace your battery with a freshly charged one.

12. Different batteries

There are two batteries included with your Labex Digital. This will allow you always to have a freshly charged battery on hand. However, Labex digital is compatible with all 9v batteries on the market – rechargeable or non-rechargeable.

13. Charging the battery

After you pull out your drained battery, you should charge it with the included intelligent charger:

- 1) Put the battery inside the charger while minding the “+” and the “-”.
- 2) Put the charger into an electrical socket
- 3) The corresponding red LED will light up, meaning the battery is currently charging.
- 4) The red LED will turn off when the battery is fully charged.

Note: The included intelligent charger will NEVER overcharge your batteries.

WARNING: Do not try to put ANY other kind of battery inside the charger! The charger is designed ONLY for Li-Io(Lithium-Ion) batteries! Putting any other kind of battery inside the charger will result in permanent damage to the battery and the charger!

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.

15. Water resistance

Labex Digital can withstand being used in the rain or washed with a wet cloth. However, submerging the unit in water will damage the device and will void your warranty

INFORMATION

16. 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/>

17. Contact information

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| For more information visit | https://labextrade.com |

18. Technical specifications

| General: | |
|------------------------------|-------------------------------|
| Adjustable tone | Yes |
| Adjustable volume | Yes |
| Speech button | 1 |
| Settings buttons | 2 |
| Frequency range | 55 - 155 Hz |
| Volume range | 60-83 dB |
| Speech time | Up to 4 h. per charge |
| Physical: | |
| Diameter x Length | Ø34 x 98 mm |
| Weight | 72g without battery |
| Dust / Moisture resistive | Yes |
| Battery: | |
| Capacity | 600 mAh |
| Battery type | Rechargeable 9V 6F22 Li-Ion |
| Batteries in the box | 2 pcs |
| Battery life | More than 500 recharge cycles |
| Chargins station in the box | 2 slots 9V Li-Ion |
| Charging time from 0 to 100% | 4h 30 min with Labex charger |
| Protection | Smart electronics |