

TruTone™

Electrolarynx

**INSTRUCTIONAL
DVD ENCLOSED**

Griffin
Laboratories
www.griffinlab.com
800-330-5969



Made in America
Users Guide 05-07 USA

**Learn To Use Intonation With A Pressure
Sensitive Button! Pages 9 - 10**

TruTone™ Electrolarynx

A - Sound-Head

B - Sound-Head Gap

C - On/Off Button/Tone Sensor

D - Volume Knob

E - Body

F - Battery

G - Battery Cap



F

(ES) TruTone™ Electrolarynx

A - Cabeza Acústica

B - Espacio de la Cabeza Acústica

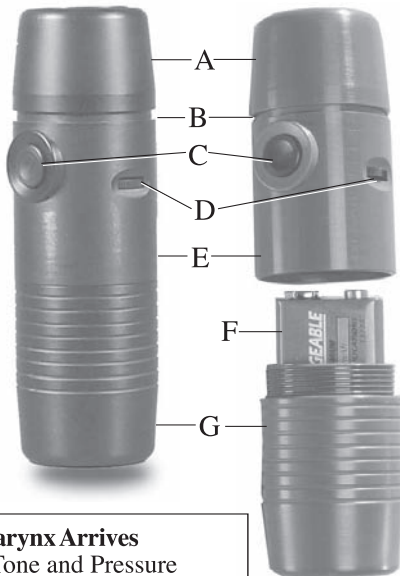
C - Botón de Activación
de Encendido / Apagado

D - Perilla del Volumen

E - Cuerpo

F - Batería

G - Tapa de la Batería

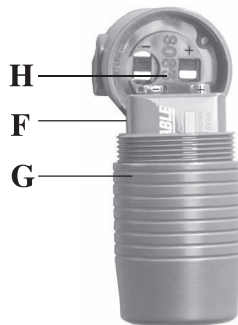


When Your Electrolarynx Arrives

1. Adjust the Base-Tone and Pressure Sensitive Button. Pages 5 & 6
2. Choose your Sound-Head. Page 11
3. Adjust the Sound-Head Gap. Page 7
4. General Care/Troubleshooting. Page 8
5. Send in your Warranty Registration Card within 90 days. Page 12

Batteries

1. Use 9 volt style rechargeable or disposable batteries.
2. Install battery (F) as shown. Match Positive(+) and Negative(-) Battery Contacts (H).
3. Use until volume fades. Charge Rechargeable Batteries 16 -18 hours with the Basic Charger.
4. Do not recharge disposable batteries.



(ES) Baterías

1. Utilice baterías de 9 voltios, recargables o desechables.
2. Instale la batería (F) como se muestra. Junte los Contactos de la Batería (H) Positivo(+) y Negativo(-).
3. Utilice las baterías hasta que el volumen se desvanezca y cargue las Baterías Recargables durante 16 -18 horas.
4. No cargue las baterías desechables.



Smart Charger
High-Capacity &
Regular Rechargeable
Batteries Charge in 4 - 8
Hours. Page 11



Basic Charger
Regular Rechargeable
Batteries Charge in
16 - 18 Hours.

Electrolarynx Use On The Neck

1. Place the Sound-Head (A) against your neck and activate. Do not cover stoma.
2. Speak as sound is carried into your mouth.
3. Ensure an airtight seal against your neck and try different positions until you get the best sound.
4. Use the oral adapter in cases of a tender neck or excess buzzing.



(ES) Uso del Electrolarynx sobre el Cuello

1. Coloque la Cabeza Acústica (A) sobre su cuello y actívela.
2. Hable mientras el sonido se transporta hacia su boca.
3. Asegúrese de obtener un cierre hermético contra su cuello y pruebe posiciones diferentes.
4. Utilice el adaptador oral en caso de que su cuello sea sensible o si el zumbido es excesivo.

Some Things To Try

1. Adjusting the Base-Tone up or down may produce a better voice.
2. Mid-range tones are easier to hear for most people.
3. Troubleshooting and accessories. Pages 8 & 11

Optional Oral Adapter & Straw

1. Insert Oral Straw (I) into top of Oral Cap (J).
2. Place Oral Cap over Sound-Head (A).
3. Place Oral Straw in mouth.
4. Activate Electrolarynx. Speak around Oral Straw.

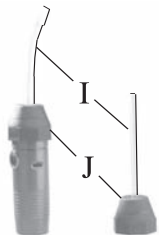
(ES) Adaptador y Tubo Oral Opcional

1. Inserte el Tubo Oral (I) dentro de la Tapa (J).
2. Coloque la tapa oral sobre la Cabeza Acústica (A).
3. Coloque el Tubo Oral dentro de su boca.
4. Active Electrolarynx. Hable alrededor del Tubo Oral.



Getting Started

1. The big white Oral Straw does a very good job of getting sound into your mouth but can be difficult to talk around.
2. The soft clear Oral Straw is easier to talk around, but may not get as much sound into your mouth.
3. You may hear excess “buzzing” (soft clear straws). Try getting a better seal between the Oral Cap and Straw. Remove the Oral Straw from the Oral Cap and push it back in again.
4. Practice talking with the Oral Straw. Mouth words around the straw before turning on the Electrolarynx.
5. A good position for many people is found by placing the tip of the straw just inside your front teeth and to one side.



Adjusting Tone

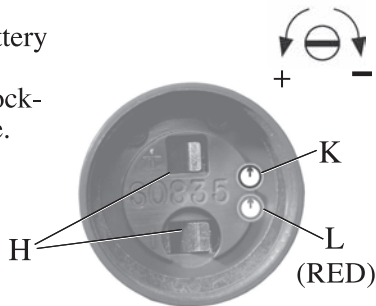
1. Tone Adjustment (K) is located next to the battery contacts (H).
2. Turn adjustment with screwdriver. Counterclockwise for higher tone. Clockwise to lower tone.
3. Make small adjustments then test.
4. One complete turn covers all tones.

(ES) Ajuste del Tono

1. El Ajuste del Tono (K) se localiza al lado de los contactos (H) de la batería.
2. Gire el ajuste con un destornillador. Hacia la izquierda para tono más alto y hacia la derecha para tono más bajo.
3. Haga ajustes pequeños y pruebe el resultado.
4. Una vuelta completa cubrirá todos los tonos.

Adjusting the Base Tone - A Shortcut

1. Hold the battery in place.
2. Turn on the electrolarynx.
3. Turn the Base Tone adjustment and listen for the best sound.
4. Do NOT do this with the Tone-Range adjustment (Next Page).














Pressure Sensitive Tone-Range

1. When the Button (C) is pressed harder the tone increases.
2. The Tone-Range Adjustment (L) determines how much the tone changes with pressure.
3. To hear the tone change, press the Button (C) soft and slowly press more firmly.
4. A small Tone-Range is easier to control.
A wide Tone-Range allows more expression and personality in your voice.
5. Press button softly for best results.
Increase pressure for inflection.
6. One turn covers all adjustments.
See chart for a starting point.

(ES) Rango de Tono de Presión Sensible

1. Cuando el Botón (C) se oprime más fuerte el tono aumenta.
2. El Ajuste del Rango del Tono (L) determina cuánto cambia el tono con la presión.
3. Para escuchar el cambio oprima el Botón (C) suavemente y después con más firmeza.
4. Un Rango de Tono pequeño es más fácil de controlar.
5. Gire hacia la derecha para disminuir; hacia la izquierda para aumentar. Haga ajustes pequeños y pruebe el resultado.
6. Una vuelta completa cubrirá todos los tonos.
7. Oprima el botón suavemente para obtener mejores resultados. Aumente la presión para mayor inflexión.

Suggested Settings

Base Tone		Adjustment crossover: There is no stop- Adj. keeps turning.
Range		
Deep Voice		High Voice 
High Range,		High Range, 
Deep Voice		High Voice 
Med. Range,		Med. Range, 
Deep Voice		High Voice 
Low Range,		Low Range, 

Volume Level and Sound-Head Gap

1. Set the volume level by turning Volume Knob (D).
2. Next, turn the Sound Head (A) to increase or decrease the Sound-Head Gap (B) for the best sound.
3. Sound-Head Gap is usually about 1mm. Smaller at low volumes.
4. Also Adjust when batteries are fresh or old.

The gray Sound-Button provides a sharper sound,

Note: for better penetration. The Black Sound-Button smoother and more natural.



Improving Sound Quality

1. This adjustment can have a big impact on sound quality.
2. If your instrument seems to “rattle” turn the Sound-Head adjustment a little.
3. Making this adjustment will help increase battery life and volume levels.

(ES) Nivel de Volumen y Espacio de la Cabeza Acústica

1. Ajuste el nivel del volumen girando la Perilla del Volumen (D).
2. Gire la Cabeza Acústica (A) para aumentar o disminuir el Espacio de la Cabeza Acústica (B), para obtener un mejor sonido.
3. El Espacio de la Cabeza Acústica usualmente es de aproximadamente 1 mm; más pequeño en los volúmenes bajos.
4. La Cabeza Acústica también se debe sintonizar cuando las baterías sean nuevas o usadas.

General Care and Troubleshooting

1. *Cleaning* - Wipe with a damp cloth. Do not use Oils, Electrical Contact Cleaners or Chemicals as they may cause damage.
2. *Water Damage* - Remove the caps from the body and air dry for 2 days before testing.
3. *Low Volume/Muffled Sound* - Adjust Sound-Head Gap (B). Try a fresh battery.
4. *Excessive Buzzing* - Check complete seal on neck. Try different positions. Adjust the tone, volume level, and Sound-Head Gap (B). Try the Oral Adapter.
5. *Unsteady/Up-Down Sound* - Decrease Tone-Range Adjustment (L). Make small adjustments then test.
6. *Oral Adapter Use* - A sanitary cover or large finger cot is recommended for use with oral adapter to keep the device clean and moisture free.

(ES) Mantenimiento General y Corrección de Fallas

1. *Limpieza* - Limpie con un paño húmedo. No use aceites, limpiadores de contacto eléctrico o químicos que puedan dañar el aparato.
2. *Daño causado por el Agua* - Remueve las tapas del cuerpo y seque al aire libre durante 2 días antes de probar.
3. *Volumen Bajo /Sonido Amortiguado* - Ajuste el Espacio de la Cabeza Acústica (B). Pruebe una batería nueva.
4. *Zumbido Excesivo* - Revise que haya un cierre hermético contra el cuello. Pruebe posiciones diferentes. Ajuste el tono, el nivel del volumen, y el Espacio de la Cabeza Acústica (B). Pruebe el Adaptador Oral.
5. *Sonido Variable / Sonido que sube y baja* - Disminuya el Ajuste del Rango del Tono (L). Haga ajustes pequeños y pruebe el resultado.

Griffin Laboratories 27636 Ynez Rd., #L7-199, Temecula, CA 92591
Telephone 800-330-5969 www.griffinlab.com

Using the Pressure Sensitive Button

By increasing and decreasing pressure on the button you will be able to add intonation to your speech. This can help your voice sound more natural, and can help the listener pick out different words as you speak. Follow these steps to get started:

1. Press the on/off button lightly to activate the Base-Tone.
2. Increase pressure slightly to increase the tone. Decrease pressure to come back down to the Base-Tone.
3. Hold the electrolarynx in your hand, away from your neck. Practice a smooth up/down tone change, slowly increasing and decreasing pressure on the button.
4. Next, ask a question using the electrolarynx. Start the sentence with a light pressure on the button, increasing pressure on the last word. Begin by holding the electrolarynx away from your neck. Mouth the words as you press lightly on the button, and pressing harder on the last word. Once you have practiced this a few times try it on your neck or with the oral adapter again.
5. Small changes in tone are enough to make your voice sound more lively. If the tone seems to “swing” too much, decrease the Tone-Range setting (Page 6).
6. Increase the Tone-Range if you are having trouble getting enough change.
7. Eventually you will want to make a small change with each syllable, almost in rhythm with your speech. Do not worry if you don’t sound perfect in the beginning. You will get better!
8. Only press as hard on the button as your personal health and comfort allow.

Note: Even if you do not use the pressure sensitive tone control you may still achieve some vocal inflection with natural changes in pressure on the button.

Some Basic Practice

Try increasing pressure on the button (higher tone) on the letters with up arrows, and decreasing pressure (lower tone) on the letters with down arrows. Turn your TruTone™ electrolarynx off momentarily at the dashed pauses.

how are YOU? --- how ARE you? --- HOW are you?

wOw --- it's faAAAAAaabolous. (Try going up and down on the O and A smoothly)

I LOVE you TOO. --- BYE bye --- bye BYE.

Now try saying your name using intonation. Hear the difference!

Practice on some phrases that you commonly say. Have a friend or spouse suggest some phrases that they are used to hearing you say. Just increase and decrease pressure slightly with the rhythm of each changing word and syllable. Don't think about it too hard--eventually it, will come naturally.

Getting More Out Of Your Electrolarynx

Smart Charger - Capable of charging long lasting High-Capacity NiCad and NiMH mAh rechargeable batteries. Smart chargers monitor the charge level, extend useful battery life, and speed charging cycles to 4 - 8 hours (depending on battery capacity). A green light flashes when charging is complete.



High-Capacity Batteries - NiMH batteries over 250mAh. Able to operate for longer periods of time between charging cycles. Some also have a higher power output and can increase volume levels. These Batteries usually require a Smart Charger for safe and timely charging cycles.



Custom Speech Aid Sound-Head Caps - Used to customize the sound of your TruTone™ electrolarynx. Different sounds may be more or less effective at getting through the neck tissue of each individual. While not as smooth sounding, these caps have a sharp sound which may work well if you have a heavily scarred or radiated neck. Our sharpest sounding sound-head is now included FREE with your purchase.



Amplifiers - When properly used the Sonivox™ Waistband Amplifier and BoomVox™ Portable Amplifiers can improve the sound quality of your voice.



TruTone™ Electrolarynx Kit Warranty Registration Card

Name _____ Telephone() _____

Address _____ City _____

State _____ Zip Code _____

Date Purchased _____ Dealer _____

Electrolarynx Serial # _____ Purchase Price _____

Speech Pathologist/Hospital _____

Were you able to adjust your base-tone and sensitivity settings? ☐ Yes ☐ No

Did you adjust the Sound-Head Gap for your preferred volume? ☐ Yes ☐ No

Is an electrolarynx your primary means of communication? ☐ Yes ☐ No

Griffin Laboratories respects your privacy, and will not share your information.

Please complete and return Warranty Registration within 90 days of purchase.

**Place
Stamp
Here**

Griffin
Laboratories

**27636 Ynez Rd., #L7-199
Temecula, CA 92591**

Limited Warranty

The TruTone™ Electrolarynx is warranted to be free of defects in parts and workmanship for two (2) years from the date of purchase. Rechargeable batteries, charger, and other accessories provided with the TruTone™ Electrolarynx are guaranteed for sixty (60) days from the date of purchase. Items under warranty will be repaired or replaced, with a new or refurbished instrument, at the discretion of Griffin Laboratories. Warranty coverage must be validated by the return of the enclosed warranty registration card within ninety (90) days of purchase from an authorized dealer. This warranty is not transferable, and is not valid outside of the United States or Canada.

Any TruTone™ Electrolarynx with a valid warranty will be repaired or replaced up to, but no more than, two (2) times for damage caused by accidental impact or moisture. This warranty does not cover abuse, negligence, soiling, use inconsistent with intended purposes, or tampering of any kind. All other warranties, expressed or implied, are hereby excluded. Griffin Laboratories shall not be held liable for damages, either direct, indirect, or consequential, resulting from any defect in the manufacture or operation of the TruTone™ Electrolarynx, included batteries, charger, or other accessories. Griffin Laboratories will provide warranty service and return postage only within the United States or Canada.

All instruments requiring service must be sent in a padded and insured package. Include a description of the problem, owner's name, return address and telephone number. Contact Griffin Laboratories for shipping instructions and return authorization.

Warranty Service

27636 Ynez Rd., #L7-199
Temecula, CA 92591

Telephone 800-330-5969
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Enhancing the use of your **TruTone™** Electrolarynx:

SoniVox™

Waistband Amplifier

For ultra-portable amplification.



BoomVox™

Personal Amplifier

For centralized amplification,
or volume to address crowds.



SmartCharger™

9v Battery Charger



- A medical grade charger to maintain your batteries.
- Charges standard and high-capacity NiMH & NiCD.
- Automatically detects full charge and switches to trickle charge.

HandsFree™

Electrolarynx Holder



- Express yourself with your hands.
- Read your grandchildren a book.
- Take notes while on the phone.
- Play a game of cards.

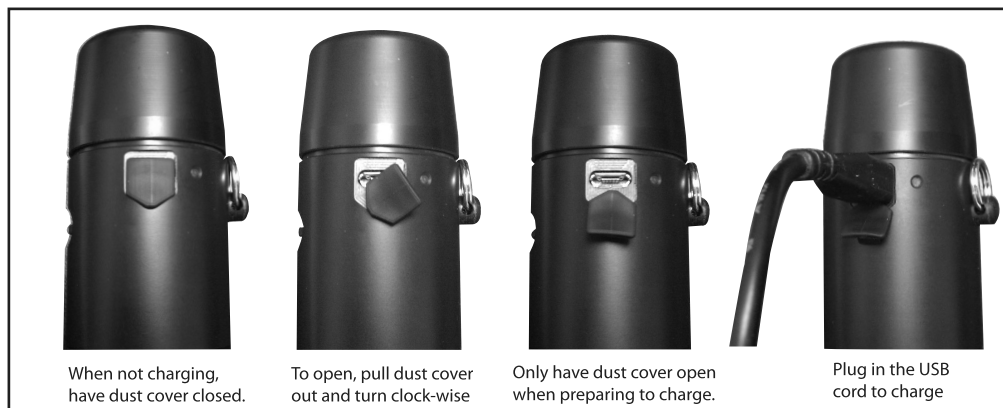


USB Charging Instructions

Pull the USB dust cover out of the mic and rotate it clear of the socket.
Plug the micro-USB power supply into the socket.

Do not store batteries in an unused device for extended periods of time.

LED Action:	Charger/Battery Status:
Red	DANGER: Battery is reversed. Remove & replace battery correctly.
Solid Green	Battery is charging. (Note: may dim slightly once per second)
2-Second flash Green	Battery is fully charged.
Fast flicker Green	No battery detected.
No LED	A) No power (check power supply)
	B) Charger overheated (check proper battery, and ensure the device is not in a warm location)
	C) Power Supply too weak (get a stronger power supply; 550mA minimum)



Warning

Do NOT charge Alkaline or other non-rechargeable batteries with the charger. Do NOT charge Lithium batteries of any type. Doing so will void the warranty, and may cause fire and/or explosion.

Only charge NiCAD or NiMH 9v style batteries. Charging any other type of battery may cause damage and void the warranty.

Permanently removing the Micro-USB dust cover will void the warranty on the Micro-USB socket. The warranty does not cover cleaning or damage to the Micro-USB socket caused by lint, soil, or other contaminants.

Only charge in a "room temperature" location (~70-80°F, or 20-25°C). Do not charge in a warm or hot location. (i.e. a car on a sunny day, above a heater or other electronic equipment.) Charging in a hot location may cause the charger to turn off.