

The "Smallest" Innovation from Romet.®

Most Advanced Electro-Larynx In the World



Romet, Assisting
Laryngectomees to
Speak Since 1979

MSRP R440 CE
\$645 USD Made in EU

MODEL R440 ECHO*

- 21st Century Digital Vocal Technology
- World's only 100% digital electronic larynx with programmable features creating the most natural, non-robotic sounding voice
- Single finger voice inflection; ability to modify your voice as you speak
- Smallest Electronic Larynx in world (98mm, 3.8 in.)
Lightest Electronic Larynx in the world 3.7 oz
- Only Electronic Larynx in the world powered by 9V rechargeable lithium-ion batteries (the same battery used in all modern consumer electronics)
- The only electronic larynx digitally programmable Volume, Pitch, and Timbre** to create a custom, more natural sounding voice
- YOU deserve the newest in voice technology as a Patient or Healthcare Professional
Available in Black, White, and Grey



* Echo - from Greek mythology meaning "most beautiful voice"

**Timbre describes the sound QUALITY characteristics which allow the ear to distinguish different sounds which have the same pitch and volume

Available exclusively through
Fountain Head Marketing, Inc.
and Romet distributors worldwide.

Fountain Head Marketing
14410 Saratoga Pass
San Antonio, Texas 78254-1860, USA

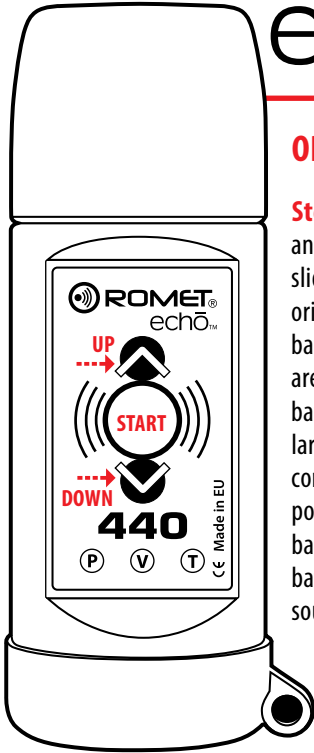
Web: www.romet.us
Ph: 1.888.826.2703, Fax: 1.210.858.9608
International: 1.210.858.5189



Congratulations on your purchase of the Romet ECHO electronic larynx Model R440 featuring the newest state of the art digital sound technology designed to maximize your vocal clarity and provide easy to use programmable functions exclusively available only on the ECHO Model R440 Romet electronic larynx.

OPERATING INSTRUCTIONS

OPERATING YOUR UNIT



Step 1- Inserting the battery to power the unit and begin speaking. Unscrew the rear cap and slide the battery into the compartment, + is oriented to the + side. Do not worry if the battery is inserted incorrectly, the electronics are protected against reversed direction. If the battery is inserted incorrectly, the electronic larynx simply will not begin to vibrate. To correct, remove the battery and reverse the polarity of the battery. After inserting the battery into the barrel, gently retighten the battery cap and push the "START" button for sound.

The top head of the unit can be carefully either screwed down completely or slightly unscrewed for fine tuning.

↑ Unscrew bottom cap and ↑ insert battery here.

Attach the provided safety lanyard to prevent against accidental dropping of your unit onto a hard surface or into any liquid.

Step 2- NOTE: Buttons and indicators. There are a total of three buttons: the middle (largest) button is "START". The other buttons are arrow keys "UP" and "DOWN". There are three LED indicators "P" for Pitch, "V" for Volume, "T" for Timbre. These indicators have been pre-programmed from the factory. You are able to modify all individual values by following the steps which are explained in these instructions.

ECHO MODEL R440 MODES OF OPERATION

Normal "Talking" - Once the battery has been properly inserted, press the "START" button to begin vibrations from the top of the unit's head. Push the top vibrating head of the unit securely against either the side of your mouth or your neck to find your optimum location. Finding the location of your "Sweet Spot" will result in the best quality of vocal sound.

If the sound level is not proper for the situation in which you must communicate, release the "START" button.

To Adjust the Sound Level - push the "UP" arrow for 2 seconds. The **3 LED lights** will immediately begin flashing. If 3 lights are flashing the **Volume is set to "HI"**. To lower the volume, push the "DOWN" arrow once and only 2 LEDs will continue to be lit; **2 lights = Medium Volume**. If you want the lowest level of sound, push the "DOWN" arrow again and only one light will continue to be lit; **1 light = Low Volume**.

After finding your sound volume level, push the "START" button to select your chosen level. This new level is now referred to as the **patient setting** and will be your setting each time you begin to speak unless you readjust the sound level as described above.

Normal "Talking" - After you have selected the proper sound level, push the "START" button to begin speaking.

You also have the flexibility to amend the **Pitch** (lower or higher) while you are speaking. To do this simultaneously push the "START" button and either the "UP" or "DOWN" arrow to modify the **Pitch** (the tone/temperature of your speech) as you speak. This new level is now referred to as the **patient setting**. The **ECHO** unit will remember these settings and be ready when you want to begin speaking.

Demo Phase: A quick sound demonstration allowing you, the user/patient, to become familiar with the various Hi/Low limitations for each of the 3 variables which are programmable - **Volume** (3 levels), **Pitch** from Bass (Lo) to Alto (Hi) and **Timbre** (5 levels of timbre which gives personality to the tone).

To activate Demo Mode: Press and hold the "Down Arrow" for **two (2) seconds**; the unit will quickly initiate an audible cycle demonstrating the possibilities of all frequencies which have been preset from the factory (i.e. volume, pitch, and timbre levels). This **Exclusive "Demo"** function feature is available only on the Romet **ECHO**. After completion of the audible Demo phase you are now familiar with the unit's sound flexibility. Now you can move to the next step - Communicating (**talking**). The Demo function can be terminated at any time by simply pushing the "START" button. The Demo function will stop, returning the unit to normal operating functions.

PROGRAMMING CHANGES

Even though the **Volume** and **Pitch** changes from your previous speaking session have been saved as the "patient setting" you are still able to program all three functions to create your own customized settings to your liking on a semi-permanent basis.

To begin the programming changes to each preset value you must simultaneously press **ONLY** the two **UP/DOWN** arrows for approximately **two (2) seconds**. The device will emit a short "buzz" then the three LED lights - **Pitch (P), Volume (V), and Timbre (T)** will continuously be lit.

Each press of either arrow button will change the LED indicators cyclically to **Pitch (P), Volume (V), and Timbre (T)**. After the one LED which you want to modify remains lit, push the "START" button once to confirm that this is the value which is to be edited. Push the "UP" or "Down" arrow to modify the selected variable. After all required changes have been made push the "START" button again to accept the new changes.

With any subsequent use of the device the newly modified tones will be the standard until modified again during the speaking process, as described earlier.

The number of times you can change the variable parameters are unlimited; easily returning them to the factory presets at any time.

OPERATING INSTRUCTIONS (continued)

Analysis of Sound

Romet ECHO Model R440 100% Digital To Create Your Optimum Quality Voice

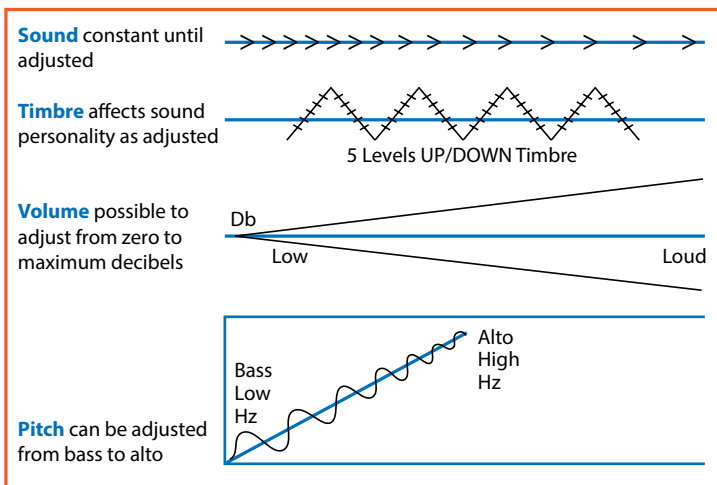
Sound: Uninterrupted sound - constant and steady

Timbre*: Timbre affects the quality of the sound - the character of the speech

Volume: Volume can change from zero (off) to maximum (loud)

Pitch: Pitch can be adjusted from low (bass) to high (alto) as you desire

*Timbre Adjustment exclusive to Romet ECHO Series



How to return all Parameters to their original factory settings:

At anytime you may want to reset all of your values to original default values. You always have the additional option to restore the factory settings using your Romet 440 buttons. Press and hold down all the three buttons for 5 seconds. Any changes you have made to the 3 variable values will be eliminated and the original factory default values reinstated.

BARREL CARE

The Romet ECHO barrel is manufactured from ABS plastic which is a very strong, durable material. To clean the surface we recommend using only a non-abrasive cleaner to wipe the exterior of the unit clean. Spray a mild cleaner or water onto a hand towel then rub the unit clean. **Please use caution when applying any cleaner or water taking care not to allow the solution to enter into the Central Electronic Control panel or into the top head of the unit.**

BATTERIES

NOTE: Your ROMET Model R440 has been shipped with 2 9V Lithium-ion high-capacity batteries and an International use dual post smart charger (110/220V) to ensure a longer speaking time than currently provided by other battery chemistries. Note that each 9V Lithium-ion battery has a micro PCB which prevents the battery from being overcharged while inserted into the charger stand.

In emergency situations any 9V alkaline battery when inserted into the Model R440 will operate the unit properly; but please be warned the use of a normal Alkaline or even rechargeable NiMH battery the expected power life of the battery will be diminished due to a high power consumption required to operate the hi technology features incorporated into your Romet digital unit. This is why we suggest using only 9V Lithium-ion rechargeable batteries for maximum power and speaking time.



9V LITHIUM-ION rechargeable batteries are packaged/shipped within the U.S.A. and internationally in accordance with the latest safety instructions mandated by the United Nations in conjunction with the FAA and their Hazmat offices.

FACTORY WARRANTY

Romet ECHO Model R440 is under full comprehensive warranty for a five (5) year period from the date of purchase. This warranty covers accidental dropping on a hard surface or into any Liquid for a five (5) year warranty period. The Warranty is effective from the date of purchase by original owner. Proof of purchase must be provided to the distribution center performing the warranty repairs to enable the repairs to be performed under warranty.

If your unit needs servicing please contact our Worldwide Service Center.

Within the United States please return the unit directly to the Romet Service Center for expedited repairs; Internationally return the unit directly to the Romet Distributor Service Center within each country.

For a complete list of worldwide service centers contact Romet USA Headquarters for the most convenient location.

Romet USA Headquarters

14410 Saratoga Pass
San Antonio, Texas 78254-1860
USA

Email: info@romet.us

Toll Free Phone: 1.888.826.2703

International Phone: 1.210.858.5189

Fax: 1.210.858.9608

<http://www.romet.us>

Romet Worldwide Service Distribution Centre

14410 Saratoga Pass
San Antonio, Texas 78254
USA

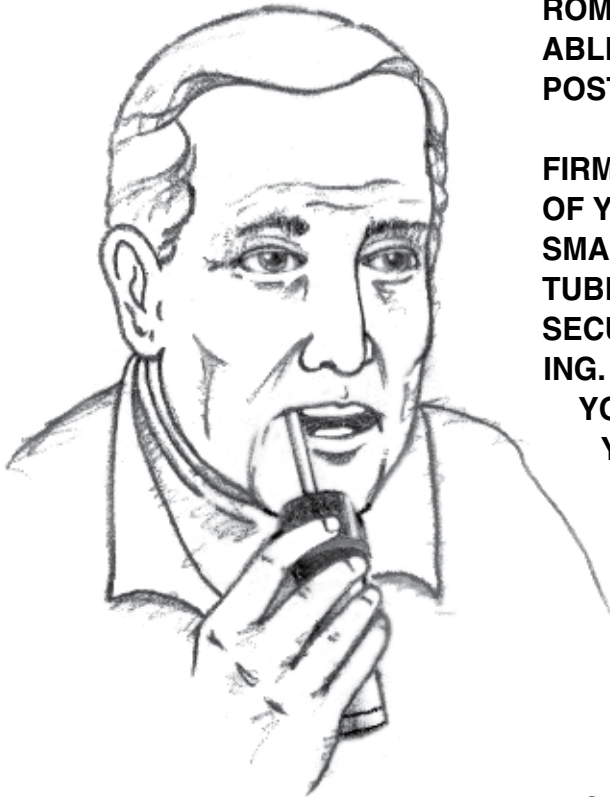


ROMET[®]
ELECTRONIC LARYNX

ORAL ADAPTER INSTRUCTIONS



THE ORAL ADAPTER AND TUBES PROVIDED WITH YOUR ROMET ELECTRONIC LARYNX WILL ENABLE YOU TO BE ABLE TO BEGIN SPEAKING WHILE YOUR NECK IS HEALING POST SURGERY.



FIRMLY PLACE THE RUBBER CAP ADAPTER ON THE TOP OF YOUR ELECTRONIC LARYNX. INSERT A TUBE INTO THE SMALL HOLE ON THE TOP OF THE ADAPTER. PUSH THE TUBE FIRMLY INTO THE HOLE. THE TUBE MUST BE SECURE IN THE ADAPTER HOLE WHILE YOU ARE SPEAKING. PLACE THE END OF THE TUBE INTO THE CORNER OF YOUR MOUTH POINTING THE TIP TOWARDS THE TOP OF YOUR MOUTH.

ACTIVATE THE ON-OFF BUTTON. PRACTICE YOUR SPEECH WITH SIMPLE VOWELS OR SHORT SOUNDS. TRY A FEW SIMPLE SENTENCES.

IF POSSIBLE, SPEAK SLOWLY INTO A TAPE RECORDER. REPLAY YOUR SPEECH.

CLEAR TUBES ARE FITTED WITH TIPS TO PREVENT ANY FOOD PARTICLES FROM LODGING INTO THE TUBE WHILE BEING USED. YOU CAN EASILY REMOVE THIS TIP OR SHORTEN THE LENGTH OF THE TUBE WITH SCISSORS.

AFTER FINISHED SPEAKING, RINSE THE TUBES WITH COOL CLEAR WATER. BE SURE TO CLEAN THE TOP OF YOUR ELECTRONIC LARYNX TO REMOVE ANY SALIVA RESIDUE OR FOOD PARTICLES.

Manufactured and
Distributed Worldwide by


Fountain Head
MARKETING, INC.

14410 Saratoga Pass
San Antonio, TX 78254 USA
888.826.2703 Fax 210.858.9608
info@romet.us www.romet.us