



# Romet Model R800

Electronic speech aid · advanced PCB · with intonation

## Operating Instructions

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### Welcome

Thank you for inquiring about the new advanced circuitry of the **Romet R800** built to give you back the most personal thing you have — **your voice**. With the advanced electronics on the circuit board, this new generation of Electronic Larynx will add three meaningful upgrades over earlier R700 models:

- **USB-C charging** — circuits optimized for a long battery life. Rechargeable Charging port easily accessible on the base of the unit.
- A **real power button** — replaces the old slider switch; cleaner, more reliable, harder to bump on by accident.
- **Intonation** — the harder you press the main button, the higher your voice goes, so what you say can sound like you mean it.

The physical layout is unchanged from previous R700 models. If you (or the person you support) used an earlier R700, the muscle memory still works.

#### KEY FEATURES AT A GLANCE

- Intonation — press harder for a higher pitch. Speak with emotion, not in monotone.
- USB-C rechargeable — modern port, fast top-up, no proprietary cable.
- Power button — positive on/off feel; no accidental discharge from a slider in a pocket.
- Three pitch modes (low / middle / high) — fits voices from low male to higher female ranges.
- Independent volume up/down — for quiet rooms, restaurants, phone calls.
- Backwards-compatible controls — same button layout as previous Romet R700.
- Made by Romet — Polish engineering, ongoing support, spare parts available.

### Quick start — speaking in three steps

1. Charge the device. Plug a USB-C cable into the port on the device and into any standard USB power source. A first full charge takes a few hours.
2. Press the POWER ON button. The device is now ready.
3. Place the sound head gently against the soft tissue on the side of your neck and press the MAIN BUTTON. Sound will come out. Shape it into words with your mouth, just like normal speech — only the sound source has moved from your throat to the device.



#### FIRST-TIME TIP

Speak slightly slower than you used to and exaggerate lip and tongue movement at first. Try different spots on the neck — about 2–3 cm below the jaw on either side is a common sweet spot. You will hear the difference immediately when you find it. Practice short phrases in front of a mirror. A speech and language therapist can dramatically shorten this learning curve.

## Your device — controls

The R700 PLUS keeps the same five controls Romet users already know:

Control	What it does
POWER ON button	Turns the device on and off. Replaces the slider switch used on older R700 units. Press once to power on. Press once again to power off.
MAIN BUTTON (red)	Produces the sound while held down. Press lightly for a low tone; press harder for a higher tone — this is intonation. Release to stop the sound.
VOLUME UP	Raises the loudness one step at a time. Use in noisy environments.
VOLUME DOWN	Lowers the loudness one step at a time. Use in quiet rooms or when speaking close to someone.
MAIN BUTTON + VOLUME DOWN	Held together, changes the pitch mode. Three modes cycle: LOW → MIDDLE → HIGH. Pick the mode that sits closest to your natural speaking range.
USB-C port	For charging only. Use any standard USB-C cable and USB power supply.

## Speaking with intonation

Intonation is the single biggest change in the 2026 board. On older boards, the device produced one fixed tone — your voice sounded the same whether you were asking a question, telling a joke, or calling someone's name. The R700 PLUS reads how firmly you press the main button:

- Light press → lower pitch within the selected mode.
- Firm press → higher pitch within the selected mode.

In practice, this means you can lift your voice at the end of a question, emphasis a word, or sound surprised, just by varying finger pressure. Most users learn the feel of it inside a few days.



### PRACTICE EXERCISE

Say the sentence: “You did what?”

On a flat device, all four words sound the same. With the R700 PLUS, press harder on the last word (“what”) and you will hear a rising question — the way a hearing listener expects it to sound. Try the same sentence as a calm statement (“You did what.”) by easing pressure on the last word.

## Choosing your pitch mode

Three modes are selectable by holding the MAIN BUTTON and pressing VOLUME DOWN. The mode sets the floor and ceiling of your intonation range.

Mode	Best for
LOW	Lower-pitched voices; many adult male users; quieter, intimate conversation.
MIDDLE	A neutral starting point; mixed conversation; most users start here.
HIGH	Higher-pitched voices; many adult female users; situations where you need extra brightness to be understood.

*Your speech therapist can help you choose, but there is no wrong answer — try all three over the first week and keep the one that feels most like you.*

## Power and charging

- Charge through the USB-C port using any standard USB power source (phone charger, laptop, power bank).
- A full charge typically gives a full day of normal conversational use. Charge overnight.
- Press the POWER ON button to turn the device off when you are not using it — this preserves the battery.
- The device will refuse to power on with a fully empty battery. Plug it in for a few minutes and try again.

## Care and cleaning

- Wipe the body and sound head with a soft cloth lightly dampened with water or a mild medical wipe. Do not soak the device.
- Do not use alcohol or solvents directly on the sound head — they can degrade the contact surface.



- Keep the USB-C port clean and dry. If lint collects, remove it gently with a wooden toothpick — never a metal pin.
- Store in the supplied case when travelling. Avoid extreme heat (parked cars in summer) and freezing temperatures.
- **The device is not waterproof. Do not use in the shower or rain.**

## Troubleshooting

Symptom	Try this
No sound when I press the main button.	Confirm the device is powered on (press the POWER ON button). If still silent, plug in to charge for 10–15 minutes and try again.
Sound is very quiet.	Press VOLUME UP several times. Check that the sound head is in firm contact with the soft tissue of your neck — air gaps kill the signal.
Voice sounds harsh or distorted.	You may be pressing the main button much harder than needed. Ease off. Also check the sound head is clean.
Pitch will not change with pressure.	Confirm you are in the intended mode — try cycling MAIN + VOLUME DOWN. The change is most noticeable in MIDDLE and HIGH modes.
Device does not turn on at all.	Plug in to USB-C. If the device still does not respond after 30 minutes on the charger, contact your distributor.
Device powers on by itself in a bag.	Less likely than on the slider model, but possible. Place the device in the supplied case before putting it in a bag.

## For family and friends

The first weeks with a new electronic larynx are the hardest. A few small things from the people around the user make an enormous difference:

- Give them time. Conversation will be slower at first. Don't finish their sentences unless they ask you to.
- Face them when they speak. Lip reading naturally complements electro laryngeal speech and helps everyone.
- Reduce background noise where you can — turn down the TV, move away from a fan or extractor.
- Treat the device as part of them, not a curiosity. Don't pick it up without asking.
- Encourage them to keep practicing with their speech therapist. The voice that comes out at week six is much more natural than week one.



## Clinical notes for speech and language therapists

The R800 is a transcervical electrolarynx. The clinical workflow is largely the same as for previous R700 generations, with the following additions specific to the 2026 board:

- Intonation training is now meaningful. Allocate one or more sessions specifically to pressure-modulated pitch control. Most patients reach functional prosody (rising question intonation, contrastive stress) within 2–4 sessions.
- Pitch mode selection should be reviewed early. Female and high-tenor patients are often underserved by the LOW mode that many distributors set as default. Audition all three modes with the patient and significant other present.
- Placement coaching remains essential. Optimal contact is typically in the submandibular triangle or lateral neck, away from scar tissue. Encourage patients to map their own ‘sweet spots’ at home in front of a mirror.
- Articulatory exaggeration drills (over-articulated bilabials, fricatives, voiceless stops) translate directly into intelligibility gains with this device. The intonation feature does not replace articulation work.
- Volume is independent of pitch. Counsel patients away from “shouting through pressure” — encourage them to use VOLUME UP for loudness and reserve firm presses for intonational peaks.

### CLINICAL NOTE

The 2026 circuitry board is fully backwards compatible from a fitting standpoint. No new clinical training is required; existing R700 fitting protocols apply, plus the intonation module above.

## Clinical notes for ENT specialists

Primary indications for the R700 PLUS are the standard indications for transcervical electro laryngeal speech:

- Total laryngectomy where tracheoesophageal puncture (TEP) is contraindicated, deferred, or declined.
- Failed or revised TEP requiring a back-up communication method.
- Post-operative period before TEP fitting or esophageal speech is established.
- Severe dysphonia from advanced laryngeal pathology where surgery is not yet performed or not feasible.
- Temporary voice loss after major laryngeal trauma or extensive radiotherapy.

Relative considerations:

- Extensive neck irradiation, dense fibrosis, or bulky flap reconstruction may compromise sound transmission. An intraoral adapter (sold separately) is the standard work-around — please request from Romet directly.



- Refer the patient to a speech and language therapist for fitting and training. Patient outcomes are markedly better with structured SLT involvement than with self-teaching.
- The device contains a rechargeable lithium-ion cell. There are no contra indications for patients with cardiac implantable electronic devices (CIEDs) under normal use but maintain the customary  $\geq 15$  cm separation from the device generator as a precaution.

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## Specifications

Item	Value
Device class	Transcervical electrolarynx (electronic speech aid).
Power	Internal rechargeable lithium-ion battery.
Charging	USB-C, 5 V standard USB input.
Charge time	Approximately 2–3 hours from empty.
Battery life	Approximately one day of conversational use per charge.
Pitch modes	Three (low / middle / high), user selectable.
Intonation	Pressure-modulated; range varies within selected mode.
Volume	Stepped, independent of pitch.
Materials	Medical-grade ABS housing, polymer sound head.
Compatibility	Romet R700 family — same physical layout as earlier R700 boards.
Country of origin	Poland.

## Safety and warranty

- This is a personal medical device. Do not share the sound head between users without cleaning.
- Do not open the housing. The rechargeable battery is not user serviceable. Opening the device voids the warranty.
- Do not expose the device to water, fire, or temperatures outside 0–40 °C in storage or use.
- Use only the USB-C cable supplied or a recognized, certified equivalent.
- Standard Romet warranty applies. Retain proof of purchase. For service, contact your distributor or Romet directly.



- Contact and support

Your distributor is your first point of contact for fitting, training referrals, accessories, and service. Romet supports distributors directly across Europe.

Field	Details
Distributor	
<b>Continued</b>	
Phone	
Email	
Date of purchase	
Serial number	
Manufacturer	Romet · Poland

*Keep this leaflet with the device. A speech and language therapist can dramatically improve outcomes — ask your distributor or ENT specialist for a referral.*

*Romet · Electronic speech aids USA -- Poland*

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