



*Reviving Speech and  
Improving Lives*



# About SpeechVive™

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1-800-392-3309

info@speechvive.com

www.speechvive.com

Device Model Number:

SV1001R & SV1002L



**SV**  **SPEECHVIVE**

# Register your SpeechVive

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Registering your SpeechVive will link your product with important information regarding proof of ownership, warranty service, and recall notifications.

## To Register:



Online:

[www.speechvive.com/register](http://www.speechvive.com/register)

OR



Complete and mail the enclosed postcard

You will be asked to provide:

- Your contact information
- SpeechVive specialist
- Serial #

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# Welcome

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Dear SpeechVive User,

On behalf of our entire organization, I want to welcome you to the SpeechVive family.

Our goal is to provide a quality technology that helps you communicate more effectively and stay connected to family and friends. It is our privilege and honor to provide you with a solution that gives you your voice back.

We welcome your feedback and suggestions.

Sincerely,



Steve Mogensen, CEO  
SpeechVive, Inc  
smogensen@speechvive.com



## Indications for Use

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SpeechVive is a prosthetic device that augments the laryngeal and respiratory system. It provides more intelligible speech for people with symptoms of hypokinetic dysarthria.

- Low volume
- Slurred speech
- Speech rate changes
- Hoarse/rough voice

The SpeechVive device provides an audible cue to automatically trigger the wearer to speak louder and more clearly.

*The SpeechVive is a medical device. It should only be used for the intended application. Patients should be followed by a specialist trained for the SpeechVive device and speech/voice disorders.*

# SpeechVive Components

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- 1- Power Cord
- 2- Silicone Ear Tips
- 3- Charging Station
- 4- Cleaning Tool
- 5- SpeechVive Device



# SpeechVive Components

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- 1-Bridge
- 2- Ear Piece
- 3- Silicone Ear Tip
- 4- Body

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# Quick Start Guide



1. Attach a Silicone Ear Tip
2. Connect your Charging Station
3. Charge your SpeechVive
4. Wear your SpeechVive
5. Store your SpeechVive

## Attaching Silicone Ear Tips

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- Line up the guides on the back of the silicone tip with the keyhole slots on the earpiece.
- Gently push the silicone tip into the earpiece and turn the tip 90° clockwise to lock it into place.



Your SpeechVive kit includes small, medium, and large silicone ear tips.

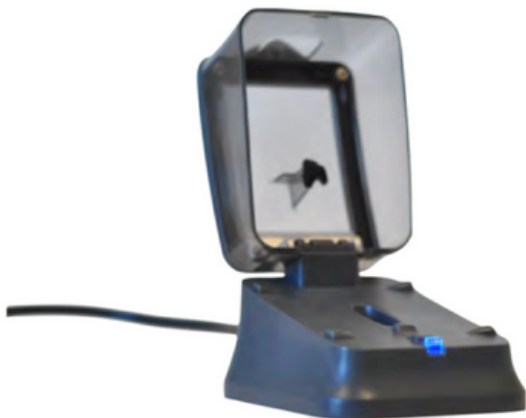
Select the size most appropriate for your ear. The ear tip should rest gently over the ear canal, but not inside of it.

If you require assistance selecting the appropriate size, contact your SpeechVive-trained specialist.

## Your Charging Station

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- Plug the end of the power cord that does not have prongs into the backside of the charging station.
- Insert the prongs into a household outlet.
- The light on the front of the charger will turn blue.



## Charging Your SpeechVive

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- Place the SpeechVive in the cradle of the charger.
- The body of the SpeechVive should be toward the back of the charger with the earpiece toward the front of the charger.
- Close the lid.
- When the SpeechVive is placed in the charger correctly, the light will turn **amber** (charging) or **green** (fully charged.)



*Charge your SpeechVive daily*

## Wearing Your SpeechVive

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- Place the ear tip in the conch of the ear.
- Gently secure the body of the SpeechVive snugly behind the ear, ensuring that the bridge is positioned between your ear and head.



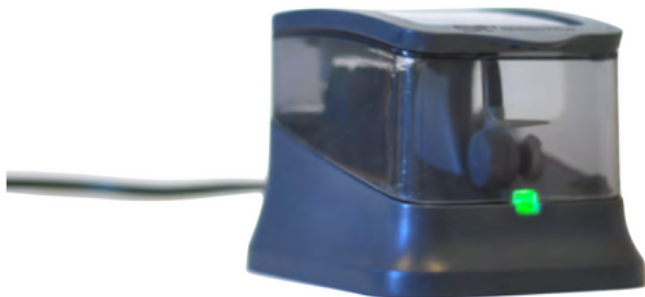
Correct placement of the SpeechVive over the ear  
1- Body, 2- Bridge, 3- Conch of the Ear

## Storing your SpeechVive

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Storing your SpeechVive in the charging station with the lid closed will maintain optimal battery performance.

Keep it out of the reach of children and pets. The small pieces can pose a choking hazard.



### WARNING

Moisture will damage your SpeechVive.

Do not wear your SpeechVive in wet/moist environments.

Store in a cool, dry place.

# SpeechVive Care and Maintenance

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- Inspect the silicone tip for earwax and moisture accumulation.
- Ensure there are no cracks, hardening or changes in the silicone tip color. If there are changes, contact SpeechVive to order replacement ear tips.
- *Do not use soap, cleaning detergents, or solvents to clean the earpiece or device.*



To order additional ear tips:

- Small: Part #SV1008  
(Plantronics-81292-01)
- Medium: Part #SV1007  
(Plantronics- 81292-02)
- Large: Part #SV1006  
(Plantronics- 81292-03)

Contact SpeechVive  
1-800-392-3309



# Cleaning the Silicone Ear Tip

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To remove the silicone tip:

- Gently push the silicone tip inward.
- Turn the tip counterclockwise 90°.
- Gently pull the silicone tip free of the earpiece.

To clean the silicone tip:

- Use the cleaning tool to gently scrape ear wax from the inside of the silicone tip.
- Use a soft, dry cloth to clean the outside of the silicone tip and to clear excess debris from the device.
- Place the silicone tip back into the earpiece for use.

## WARNING

Only use the cleaning tool for the silicone earpiece, not for the SpeechVive device.

**Do not** insert the cleaning tool in the ear.



# Frequently Asked Questions

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## ***1. How often should I wear my SpeechVive?***

It is recommended that you wear your SpeechVive every day during times when you will be talking. Wear it at least 3 hours a day. For best results, read aloud for approximately 30 minutes, 5 days a week to ensure regular practice with the SpeechVive. Follow the recommendations of your SpeechVive-trained specialist.

## ***2. Can I wear my SpeechVive everyday?***

Yes, it is recommended that you wear your SpeechVive everyday for best results.

## ***3. Do I have to wear my SpeechVive continuously?***

No, you can wear the device as needed during the day.

## ***4. Can I wear my SpeechVive to bed?***

No. You could damage the device or cause pain and discomfort to your ear.

## ***5. How often do I need to charge my SpeechVive?***

Charge your SpeechVive every evening when you are finished using the device. It may stay in the charger with the lid closed overnight or when not in use.

### ***6. How do I know when my SpeechVive is fully charged?***

The light on the charging station will turn green when your SpeechVive is fully charged. A full charge takes approximately 2 hrs.

### ***7. What should I do if my SpeechVive stops working?***

First, make sure your SpeechVive is fully charged. If it is, make an appointment with your SpeechVive-trained specialist for troubleshooting. The specialist may be able to fix the issue. If not, you will need to contact SpeechVive, Inc for service.

### ***8. Is the SpeechVive a masking device?***

No. A masking devices uses a noise stimulus to cover up the perception of a sound (like ringing in your ears caused by tinnitus.) The SpeechVive is not designed for masking; therefore, no effect should be expected.

### ***9. Is SpeechVive a hearing aid?***

No. A hearing aid is designed to amplify sound to make sound more audible to a person with hearing loss. The SpeechVive is not an auditory amplifier and no effect should be expected.

# Tips for Better Communication

- When possible, choose a quiet environment for conversations.
- Notify your communication partner that you are about to speak. For example, call their name to get their attention before beginning to speak.
- Let your communication partners know that they need to tell you if they do not understand what you are saying. The sooner the communication breakdown is recognized, the easier it is to repair.
- Plan communication when your partner is focused on communicating.
- Use multiple strategies for clarifying your message when a communication breakdown occurs (i.e. repeating, pointing, and gesturing).
- If possible, communicate face-to-face with others.



*Tips adapted from: Yorkston, K.M., Beukelman, D.R., Strand, E.A., and Bell, K.R. with Hustad, K.C. (1999). Optimizing Communication Effectiveness: Bringing It Together, Management of Motor Speech Disorders in Children and Adults (pp. 483-541). Austin, TX: Pro-Ed.*

# Troubleshooting

<b>Symptom</b>	<b>Possible Causes</b>	<b>Solution</b>
<i>Not Loud Enough</i>	<p>Low Battery</p> <p>Blocked Earpiece/Silicone Tip</p> <p>Debris Buildup</p> <p>Hearing Changes</p> <p>Loud Environment</p> <p>Incorrect ear placement</p>	<p>Place the SpeechVive on the charging station</p> <p>Clean or replace the silicone tip (*see p.15-16)</p> <p>Contact your SpeechVive-trained specialist</p> <p>Contact an Audiologist</p> <p>Move to a quieter area for conversation</p> <p>Ensure correct placement (*see p. 13) or consult your SpeechVive-trained specialist</p>
<i>Inconsistent Performance</i>	<p>Low Battery</p> <p>Blocked Earpiece/Silicone Tip</p> <p>Device defect</p>	<p>Place the SpeechVive on the charging station</p> <p>Clean or replace the silicone tip (*see p.15-16)</p> <p>Contact your SpeechVive-trained specialist</p> <p>Contact SpeechVive, Inc.</p>
<i>Device is Dead or Won't Charge</i>	<p>Low Battery</p> <p>Poor contact between device and charger</p> <p>Device defect</p>	<p>Place the SpeechVive on the charging station</p> <p>Contact your SpeechVive-trained specialist</p> <p>Contact SpeechVive, Inc.</p>
<i>Device is playing a "chirping" sound</i>	<p>Low Battery</p>	<p>Place the SpeechVive on the charging station</p>

## Warranty and Service Information

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Your investment is protected with SpeechVive, Inc.'s lifetime warranty. The warranty covers repairs and replacements due to manufacturing defects. No warranty claims will be considered for a device exhibiting normal wear and tear, improper handling or care, chemical influences, or was penetrated by moisture.

**In the event of damage cause by third parties or non-authorized service, the SpeechVive warranty is null and void.**

To Contact SpeechVive:

info@speechvive.com

1-800-392-3309

*NOTE: Do NOT attempt to open the device or repair it. Doing so will invalidate the manufacturer's warranty.*

# Technical Information

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The SpeechVive is worn over the ear and contains an accelerometer that detects when the user speaks. Upon exceeding a threshold value, indicating that the user is speaking, the SpeechVive plays background audio that automatically improves the user's speech. The SpeechVive does not play the background audio when the user is not speaking. The SpeechVive accelerometer sensitivity settings are programmed by the user's SpeechVive-trained specialist.

- The SpeechVive charging station is externally powered from 100-240 Vac, 50/60 Hz, 150 mA max AC Mains power source. The charging station output is rated at 5.1 Vdc and 500 mA Max.
- The SpeechVive is powered by an internal 3.7 Vdc Lithium-Ion Rechargeable Battery. Your battery may need to be replaced in the future. Please contact SpeechVive, Inc. to arrange this service.
- The SpeechVive should be stored or transported in a safe, dry environment. When the device is not in use, it should be kept in the charging station.

- The sound level output from the SpeechVive is approximately 85 dBA, which is within the accepted guidelines per IEC 60601-1 12.4.2. This level may be adjusted by your SpeechVive-trained specialist at their professional discretion.
- For disposal, follow local code requirements for proper equipment disposal and/or for recycling of the SpeechVive charging station and device, which contains an internal Lithium-Ion Battery.



# Hazards and Warnings

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**Failure to comply with these warnings may invalidate the product warranty or result in serious injury.**



The SpeechVive is not intended to be used on any person other than the individual for whom it was programmed.



The SpeechVive is not a hearing aid and cannot be used as such.



Do not modify the SpeechVive system or charger without authorization from the manufacturer.



If your SpeechVive appears damaged, discontinue use and consult your SpeechVive-trained specialist.



Do not remove the cover from your device or attempt to repair it.



Do not drop the SpeechVive or charger.

# Hazards and Warnings

**Failure to comply with these warnings may invalidate the product warranty or result in serious injury.**



Never immerse your SpeechVive in water. Protect it from excessive moisture. Always remove the SpeechVive device before bathing, showering, or swimming.



Protect your SpeechVive from high temperatures. Do not expose your SpeechVive to an appliance that emits heat.



Store your SpeechVive in a clean, dry, and secure place such as the charging station. For safest results use the charging station to store your SpeechVive. Keep the lid securely closed when charging and storing SpeechVive.



X-Ray radiation (e.g. CT scans) may adversely affect the correct function of the SpeechVive. Remove the device and leave it outside when undergoing x-ray procedures.



Do not use the SpeechVive in areas where electronic equipment is prohibited.



Avoid wearing the SpeechVive where there is electromagnetic interference.



The SpeechVive should not be used in an oxygen rich environment (greater than 25% oxygen.)

# Hazards and Warnings

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## Failure to comply with these warnings may invalidate the product warranty or result in serious injury.



Do not remove the USB cover on the bottom of your SpeechVive. The USB cover should only be removed by your SpeechVive-trained specialist.



Do not stick anything into the earpiece other than the specified silicone tip.



The cleaning tool should only be used to clean the silicone tip and nothing else. Do not use it to clean the device.



Do not swallow silicone tips.



Do not touch gold contact pins on the charging station.



Only connect items that have been specified as part of the SpeechVive system to the charger and device.



Multiple socket-output or extension cords not supplied as part of the SpeechVive system should not be connected to the charging station.