



Kinn[®]

Automatic Volume Management System
User Guide

Welcome & Overview

Welcome to your Kinn automatically adjusting socket system. Kinn's patented auto-adjustment mechanism continuously adapts panel pressure to keep you comfortable throughout the day. As you move, the system fine-tunes itself so you don't have to. If at any time something feels off, whether it's fit, comfort, or function, please contact your clinician right away for assistance.

Note: Kinn is not waterproof and water exposure introduces a risk of product damage. Do not immerse the system in water, hold it under running water, or wear it while showering, bathing, or swimming. Brief exposure to rain or accidental splashing will not damage Kinn or affect its function. Do not allow water to remain on or collect inside the system.

Putting on your socket

- Before donning the socket, ensure panels are loose. If you need to loosen them more, simply press the release button to increase the socket volume.
- Slide your residual limb into the socket as you normally would and take appropriate steps to secure your suspension system (ex., lock your pin into place) as instructed by your clinician.
- Before standing, twist the dial clockwise until the panels feel comfortably snug.
- Stand up and start walking. Kinn's mechanism will automatically adjust to your limb volume as you walk.

Taking off your socket

- Push the release button in the center of the manual dial; you will hear a click and see the button stay recessed, which tells you the system is disengaged.
- Now you can slide the socket off with ease.
- Once you want to get moving again, follow the steps in the “Donning” section above to re-engage the Kinn system.

Tightening

- Manually twist the dial to tighten the socket to your comfort level, taking care not to overtighten the manual dial to ensure good limb health.
- Never force the dial; if it becomes hard to turn, contact your prosthetist for guidance. Please note, it is normal for the dial to be hard to turn once it reaches the pre-set tension level.
- If you find that, over the course of the day, it remains too tight, schedule a quick clinic visit so your prosthetist can adjust your pre-set tension level.

Loosening

- Sit down and press the release button to release the tension in the system. Once it feels better, twist the manual dial to re-engage the system, stand up and keep going!
- You can also use the release button whenever you are seated for long periods (for example, on an airplane) and your limb swells to reset the pressure in the panels and increase socket volume.

- If you find that, over the course of the day, it remains too loose, schedule a quick clinic visit so your prosthetist can adjust your pre-set tension level.

Kinn Care

- Check the tension cable through the panels regularly for any signs of fraying or wear. If the cable has frayed, schedule a quick clinic visit so your prosthetist can reset your pre-set tension level.
- Wipe the exterior of the socket and dial with a clean, damp cloth to remove dirt or debris.

Troubleshooting & Tips

If you encounter any of the following, try these steps first and contact your clinic if the issue continues:

- Dial makes noise or feels stiff:
 - Wipe the mechanism with a clean cloth.
 - If noise or stiffness persists, reach out to your clinic.
- Skin redness or irritation:
 - Inspect your skin daily.
 - Contact your clinic if redness does not subside within a few hours.

Follow-Up & Support

Maintaining regular follow-up appointments helps ensure optimal fit and performance. During your visits, your prosthetist will:

- Assess socket fit and panel condition.
- Check the mechanism function and cable integrity.
- Proactively replace the cable once a year.
- Make any needed adjustments or repairs.

For all adjustments, repairs, or general questions, please contact your prosthetist's office. They are your best resource for keeping Kinn working safely and comfortably. If you ever have any questions or feedback on the Kinn system, please reach out to us at support@vesslpro.com, and we will be happy to assist you.

Kinn™ Automatic Volume Management System
IFU-0002 Rev 3
Released: 2026-Aug-11