

1. Foreword

Valid from: 20.05.2026

- Read this document carefully before using the product.
- Follow carefully the warnings and instructions for assembly to avoid product damage.
- Medical personnel should assemble the product.
- Contact the manufacturer if you have any questions about the product (e.g., commissioning, use, maintenance, unexpected operation, or incidents).
- Keep this document in a safe place.

These instructions for assembly provide you with important information on the use, adjustment, and handling of the provided component(s).

2. Product

Product service description

The Lynk Rest Disks are semi-finished components intended to be integrated into a custom-made palm support for use in combination with a Lynk Cuff. When integrated, they enable hand positioning and passive functional support using the Lynk Modules.

Our role is limited to supplying the Lynk Rest Disks as non-finished components. The medical personnel are solely responsible for the integration of this component with other materials or parts, the assembly of the complete prosthetic device, and its clinical evaluation and fitting for the end user. In this capacity, the medical personnel acts as the Legal Manufacturer of the final medical device under applicable medical device regulations and assumes full responsibility for regulatory compliance, safety, and performance of the finished device.



CAUTION

3. Warnings

FAILURE TO READ THESE WARNINGS OR TO FOLLOW THE INSTRUCTIONS FOR ASSEMBLY COULD RESULT IN MALFUNCTION OF THE PRODUCT OR PHYSICAL INJURY. IN THE EVENT OF INJURY, SEEK MEDICAL ATTENTION PROMPTLY.

Notes on unpacking the supplied component

Only open the packaging at the indicated locations with care so that the component inside is not damaged. Inspect the delivered component and be sure that it is undamaged.

Notes on part integrity

Make sure that the Lynk Rest Disks do not deform, for example, if high temperatures or high pressures are applied to the Lynk Rest Disks.

Prevent resin or other material from entering the joint area of the Lynk Rest Disks. Contamination of the joint may impair the Rest Joint function.

Make sure that you do not weaken the Lynk Rest Disks, for example, if cutting or abrasive processes are considered.

Notes on the module compatibility

Make sure that the custom palm support does not obstruct the insertion or removal of modules in the Lynk Cuff when used in combination.

Provide sufficient clearance for the intended module space and for the operation of the module.

The Lynk Push Module STD is not compatible with the Rest principle.

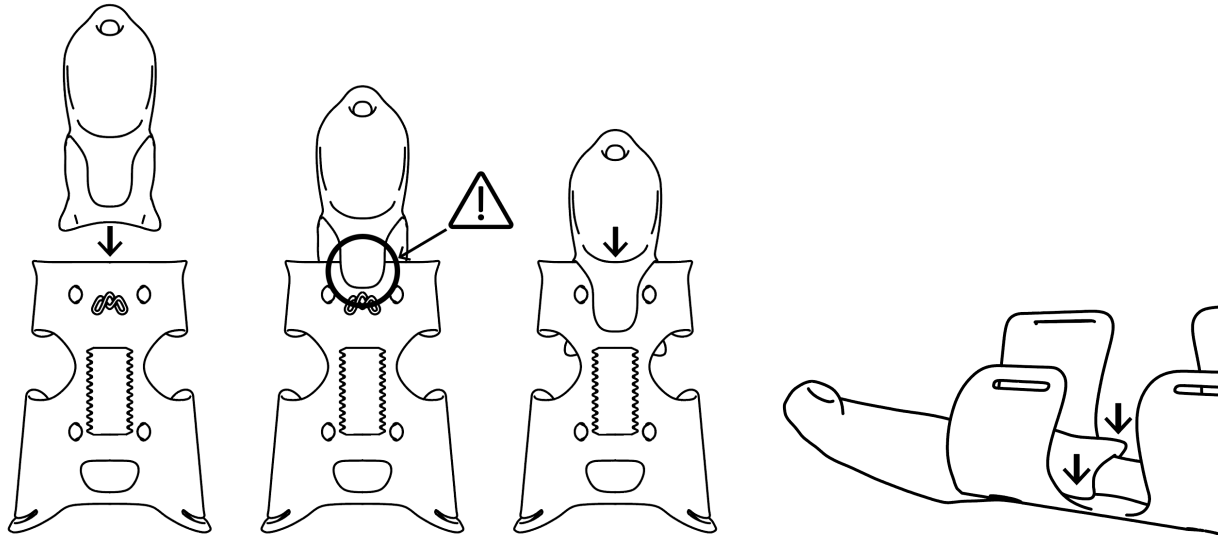
If you have any questions, contact macu4: support@macu4.com.

4. Principle

4.1. Operating the Rest Base

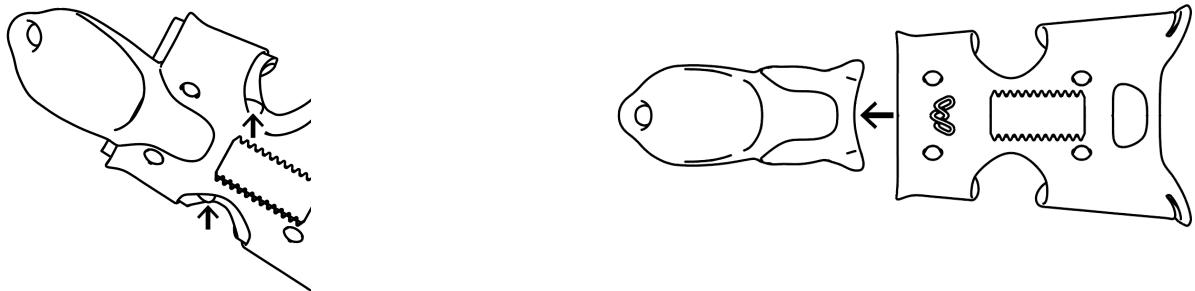
Connecting the Rest Base to a Lynk Cuff:

The Rest Base allows the connection of the Rest Disks to a Lynk Cuff. Detach the cushioning from the distal region of the cuff. Slide the Rest Base onto the cuff. Ensure the Rest Base does not enter the cuff insertion slot.



When the Rest Base reaches the end position, press the two small teeth to lock it onto the cuff. A “click” sound should be heard. **Verify secure attachment: try to move the Rest Base to confirm it is correctly secured. Only minimal play should be felt.** Reattach the cushioning

Disconnecting the Rest Base from a Lynk Cuff:



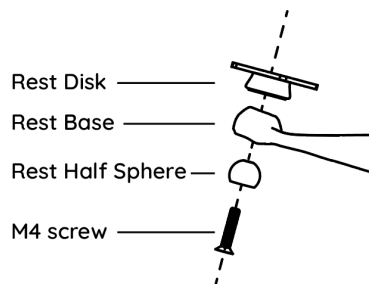
Press the two small teeth from beneath to release the Rest Base. The Rest Base will disengage with a light click.

Slide the Rest Base off the cuff. Reattach the cushioning.

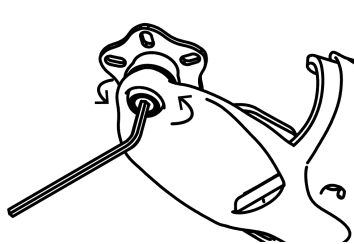
4.2. Operating the Rest Joint

The Rest Joint is a partial ball joint that provides several degrees of freedom. The orientation can be adjusted using a 3 mm hex key.

Overview of the joint components:



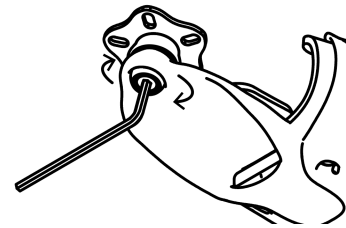
Adjusting the Rest Joint angle:



Using a 3 mm hex key, loosen the screw.



Position the palm support element (including the Rest Disk) to the desired orientation



Tighten the screw using the 3 mm hex key to secure the orientation.

ALWAYS VERIFY SECURE LOCKING: Gently attempt to rotate the palm support. No rotation should be possible.

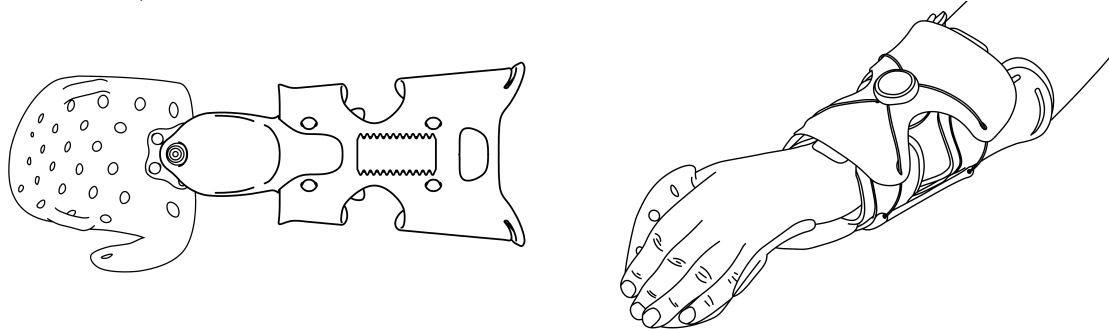
4.3. Using the Rest Disks

Required material to create a customized Palm Support:

Macu4 components	<ul style="list-style-type: none"> • Lynk Cuff • Lynk Rest Base • Lynk Rest Disk A or Disk C (including M4 screw and Rest Half Sphere)
Additional materials provided by medical personnel	<ul style="list-style-type: none"> • Materials used to fabricate the custom palm support (e.g., thermoformable sheets, lamination materials, etc.) • Fasteners and fixation method as selected (e.g., screws, rivets, or other suitable techniques)

Both Rest Disks are semi-finished components intended to be integrated into a custom-made palm support element. Rest Disk A and Disk C offer different integration options.

Illustrative example:



Procedure: The Disks are intended for mechanical attachment to the palm support.

Step 1 Preparation

- Gather components:
Lynk Cuff, Lynk Rest Base, Rest Disk A or Disk C (incl. M4 screw and Rest Half Sphere)
- Prepare fabrication materials (e.g., thermoformable sheets, lamination materials) and the selected fixation method (screws/rivets/encapsulation).
- Ensure the joint area of the Rest Disk is clean and free of resin/dust/particles.

Step 2 Prepare the palm support

- Prepare the palm support blank/structure according to the intended design and manufacturing method.
- If using Rest Disk A with screws: Decide from which side you want to use the screws and if needed, integrate a threaded element (insert/embedded nut) or plan an equivalent thread solution in the palm support.

Step 3 Position the Rest Disk

- Place the Rest Disk on the palm support in the intended location and orientation. Control the position with the Rest Base and the Lynk Cuff.
- Ensure the palm support geometry provides sufficient clearance and does not restrict the Rest Joint degrees of freedom.

Step 4 Secure/integrate the Rest Disk to the palm support

- **Option A - Rest Disk A:**
 - Align the fixation holes.
 - Secure using M4 screws (washers recommended if needed) or rivets (ensure correct length and seating) or use any alternative method.
 - Do not overtighten or apply excessive clamping force (risk of deformation/damage).
- **Option B - Rest Disk C:**
 - Embed/encapsulate the disk using the chosen technique (full embedding or sandwich encapsulation or alternative).
 - Prevent resin/material from entering the joint area. Remove excess material immediately if contamination occurs.

Step 5 Shape & form


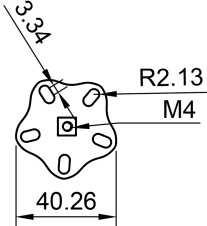
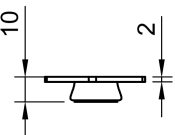

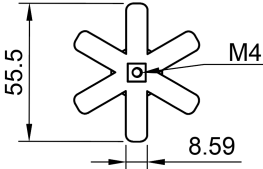
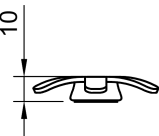
- Cure/form the palm support according to the material process (either before or after fixation of the Rest Disk).

- Avoid processes that may deform or weaken the Rest Disk (e.g., excessive heat/pressure, cutting, grinding, abrasive processes near the disk/joint).

Step 6 Final control

- Confirm the Rest Disk is firmly attached (no looseness, cracking, deformation).
- Confirm the joint area is unobstructed (no resin/material in the joint).
- Confirm the palm support does not hinder insertion/removal of modules in the Lynk Cuff (if used in combination).
- Confirm that the wearing comfort is ensured and no sharp edges (e.g. nut or screw) have skin contact.

5. Technical data

Disk A		
Drawing - perspective	Dimensions - top view (in mm)	Dimensions - side view (in mm)
		
Net weight	Between approx. 15 g / 0.53 oz	
Disk C		
Drawing - perspective	Dimensions - top view (in mm)	Dimensions - side view (in mm)
		
Net weight	Between approx. 15 g / 0.53 oz	
Material of printed component	Module body: PA2200, coloured with DM standard colour (DyeMansion)	
Lifetime of the 3D printed component	2 years at an average of 120 minutes per day of daily use on the 3D printed component	

6. Legal notice

Limitation or exclusion of liability

Failure to follow these instructions for use, care, maintenance, handling, storage, etc., of this product, or the use of this product in any component combination other than those approved by macu4 AG (hereinafter referred to as “Macu”) constitutes misuse of the product and invalidates any and all warranties, express or implied, in their entirety as to any consequences of such misuse. In the event of such misuse, Macu disclaims liability for any adverse consequences to the maximum extent allowed by law. Any opening, disassembly, or repair of the products may only be carried out by Macu or with Macu’s written permission.

Manufacturer of the semi-finished component

Macu4 GmbH, Bücklestrasse 3, 78467 Constance, Germany

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names mentioned herein may be registered trademarks and are subject to the rights of their respective owners. The absence of explicit identification of the trademarks used in this document does not imply that a designation is free of third-party rights.

7. Environmental conditions

Conditions	
During transport	<ul style="list-style-type: none">• Protect from direct sunlight (UV radiation)• Temperature shall be 0 °C to +35 °C / 32 °F to 95 °F

8. Allergic reactions

THIS PRODUCT IS FORMULATED FOR GENERAL SKIN COMPATIBILITY. HOWEVER, ALLERGIC REACTIONS MAY OCCUR IN SOME INDIVIDUALS, PARTICULARLY THOSE WITH A HISTORY OF SKIN ALLERGIES OR SENSITIVITY. THE PRODUCT COMPONENTS MUST NOT BE USED IF THE INDIVIDUAL HAS A KNOWN ALLERGY OR HAS PREVIOUSLY EXPERIENCED A REACTION TO ANY OF THE MATERIALS USED IN THIS PRODUCT. DISCONTINUE USE IMMEDIATELY AND SEEK MEDICAL ADVICE IF REDNESS, ITCHING, RASH, SWELLING, OR IRRITATION OCCURS. INDIVIDUALS WITH SENSITIVE SKIN SHOULD REVIEW THE FULL LIST OF MATERIALS AND, IF NECESSARY, PERFORM A PATCH TEST BEFORE FIRST USE. FOR DETAILED INFORMATION ON THE MATERIALS USED IN SPECIFIC PRODUCTS, PLEASE CONTACT MACU. THE TECHNICAL DATA SECTION PROVIDES GENERAL INFORMATION ON MATERIAL USAGE ONLY.

9. Returns

If you suspect or believe there is a problem with the semi-finished component, please first read this manual carefully before contacting support@macu4.com. Please use the Product Experience Report (PER): https://25462115.fs1.hubspotusercontent-eu1.net/hubfs/25462115/mac4_GmbH_Lynk/Product_Experience_Report_EN.pdf