

X8 WRIST BRACE USERS GUIDE

14.11.2025

WARNING

WARNING! IT IS VERY IMPORTANT THAT YOU READ AND FULLY UNDERSTAND THIS USERS GUIDE PRIOR TO USING THE MOBIUS X8 WRIST BRACE. KNOWING THE RISKS INVOLVED WITH USAGE AND ACTIVITIES, USE THIS PRODUCT AT YOUR OWN RISK.

INTRODUCTION

Thank you for purchasing the X8 wrist brace. You will notice that the X8 wrist brace is much different than a conventional wrist brace. Realizing that conventional braces are ineffective in preventing wrist injuries, Mobius Technologies LLC, developed a completely new technology using an external flexible cable proven to be much more effective reducing strain on the wrist. It allows mobility control (within a certain degree) and helps prevent excessive wrist – torsion and related consequences.

The Mobius patent pending Continuous Cable Routing System (CCRS) allows more mobility and stabilization. The unique design dynamically changes the tension in the cable throughout the wrists full range of motion preventing excessive bending (lateral and medial) and hyperextension.

When an un-natural bending or hyperextension force is applied to the wrist the cable becomes progressively tighter, gripping the wrist and preventing the unwanted movement that can cause injury to the wrists bones and ligaments.

The innovative CCRS design crosses the wrist joint both longitudinally and transversely. The CCRS tightens and resists hyperextension just like the body's own ligaments.

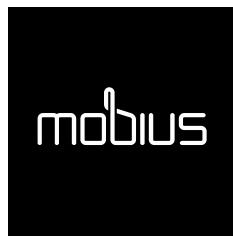
The tension in the CCRS progressively tightens keeping the wrist joint tight, resisting hyperextension and reinforcing the ligaments inside the wrist. The CCRS pulls the Metacarpal Shell, Tendon Back Shell, and Ulna Shell together preventing

251 NORTHWOOD WAY, SUITE B | P.O. BOX 4350 | KETCHUM, ID 83340

OFFICE: 208-928-7850 | FAX: 208-928-7852

info@mobiusbraces.com

mobiusbraces.com



the brace from moving on the wrist. There is virtually no migration with the X8 wrist brace.

This new brace technology works so much better than conventional braces you can actually feel the brace working. Try it on and feel the difference for yourself.

PERFORMANCE AND MARKINGS

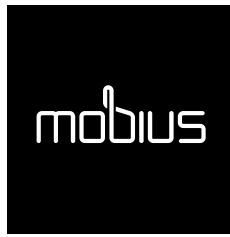
This product is considered Cat. II Personal Protective Equipment (PPE) against medium risks satisfying the essential health and safety requirements under European Regulation 2016/425. The conformity to the provisions of this Regulation has been verified by RICOTEST Notified Body nr. 0498 (Via Tione 9, 37010 Pastrengo – Verona – Italy) through the CE – certification procedure and laboratory testing based on applicable parts of EN ISO 13688:2013+A1:2021 and EN ISO 20320:2020. The X8 wrist brace passed the test of limitation of wrist extension performed at room conditions (20°C).



Indicates CE Marking, which denotes conformity with the essential health and safety requirements of Regulation (EU) 2016/425 – Annex II.



Indicates UKCA Marking, denoting compliance with the Regulation (EU) 2016 /425 (as brought into UK law and amended).



Indicates Manufacturer is Mobius Technologies, LLC.

X8 Wrist Brace Indicates the product designation.

(EU) 2016/425 Indicates Reference Regulation (EU) 2016/425.

S/M or M/L Indicates the commercial size

EU DECLARATION OF CONFORMITY

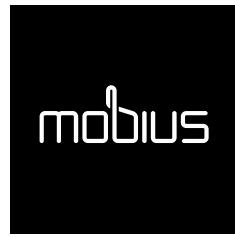
The EU declaration of conformity can be obtained by going to the link www.mobiusbraces.com/DoC.

INTENDED USE

The X8 wrist brace is designed to be used during motorcycle and bicycle activities for reducing wrist injuries while doing these activities. The field of application of this wrist brace is motorcycling and bicycle only. The X8 wrist brace will help reduce the adverse consequences to the wrist area during these activities by providing stabilization across the wrist joint and minimizing bending and hyperextension of the wrist within a certain degree.

LIMITATIONS OF USE

X8 wrist brace will provide limited protection and cannot protect the user from all foreseeable injuries. Although the X8 wrist brace is designed to help reduce the risk and/or severity of wrist injuries, there is **no guarantee** that an injury will be prevented by the use of this, or any other safety equipment. This product shall only be used when properly sized, fitted and attached according to the instructions in this user guide. **Use at your own risk.**



PARTS BREAKDOWN

1.Cable

5. Extension Adjuster Screw

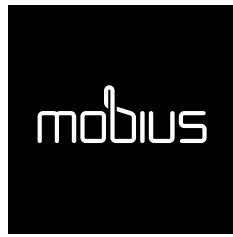
9. Strap #2

251 NORTHWOOD WAY, SUITE B | P.O. BOX 4350 | KETCHUM, ID 83340

OFFICE: 208-928-7850 | FAX: 208-928-7852

info@mobiusbraces.com

mobiusbraces.com



2.Ulna Shell

6.Cable Tensioning Dial

**10.Tendon Back Plate Pad
(Standard)**

3.Metacarpal Shell

**7.Cable Tensioning
Button**

**11.Tendon Back Plate Pad
(Optional)**

**4.Tendon Back Plate
#1**

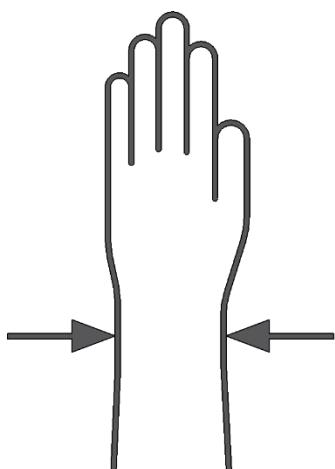
8.Neoprene Glove

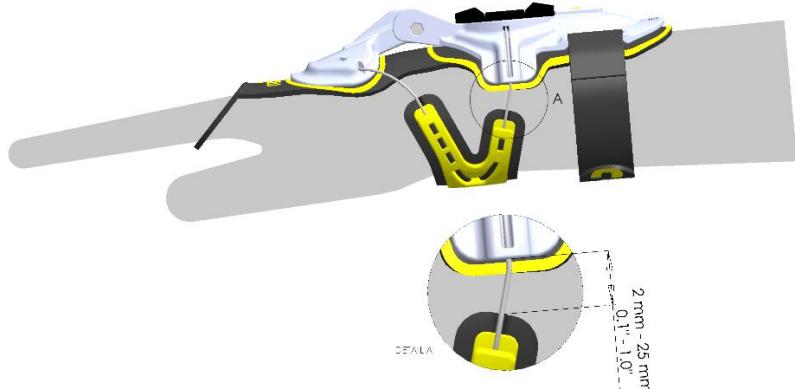
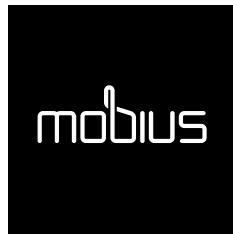
SIZING GUIDE

At the narrowest part of your wrist measure width as shown.

Small/Medium = 1.8"-2.3" (4.5 cm-5.8 cm)

Medium/Large = 2.4"-2.9" (6.1 cm-7.4 cm)





Detail A

FITTING

Step 1 – First hold back the cable release button and pull on the tendon back plate until the cable is fully extended. Then slide the brace over your hand placing your middle finger through the hole in the neoprene glove.

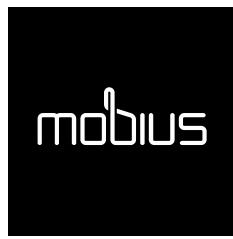
Step 2 – While holding the ulna shell firmly against the top of your forearm just above your wrist joint turn the cable tensioning dial clockwise until the tendon back plate is snug against the bottom of your forearm.

Step 3 – Attach Velcro strap #2 and re-adjust cable tensioning dial, if necessary, so that the cable is as tight as you can make it without being too uncomfortable. The tighter you make the cable the better wrist protection you will have.

After adjusting the cable tensioning dial to your desired amount of resistance there should be between 0.1"(2 mm) and 1.0"(25 mm) of exposed cable, as shown in Detail A above.

If the distance is less than 0.1"(2 mm) and the cable tensioning dial locks out, then try replacing the standard tendon back plate pad with the optional thicker tendon back plate pad. If you still can't achieve proper tension in the cable then you need to try the smaller brace size.

If the distance is more than 1.0"(25 mm) then you need to try the larger brace size.



Adjusting Extension

Your Mobius brace has an extension limiter that can be adjusted between 10-70 degrees of extension. With the 2 mm hex wrench supplied turn the extension adjustment screw clockwise to decrease the amount of extension until you achieve the desired amount of extension resistance.

Removing Brace

To remove the brace first remove Velcro strap #2. Then, while holding back the cable release button pull the ulna shell away from your forearm until the cable is completely extended and remove the brace.

CLEANING

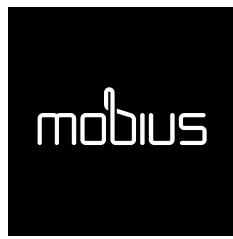
Remove the foam pad, neoprene glove, and strap. Clean everything with soap and water, including the foam pad, neoprene glove, and strap. Blow dry, or dry with a cloth and then air dry.

Replace the foam pad, neoprene glove, and strap when completely dry.

Do not use harsh chemicals or other common substances such as solvents, contact cleaners, brake cleaners, degreasers, etc. These products can cause damage that may not be visible to the user, and which may compromise the effectiveness and/or safety of this product.

STORAGE / TRANSPORTATION

Store in a dry, well-ventilated environment, avoid direct sunlight, and extreme temperatures.



Do not place heavy objects on top of your X8 wrist brace, since compression can damage the integrity of structure of the X8 wrist brace.

MAINTENANCE

For maximum performance and safety, the X8 wrist brace should be visually inspected prior to each use. Always check for loose hardware and tighten if necessary. If a collision or accident takes place while this product is in use, visually examine all components thoroughly.

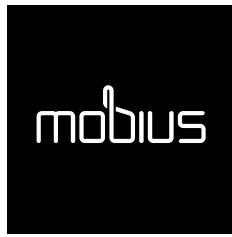
If your X8 wrist brace shows any signs of damage, including but not limited to cracking, deformity, or discoloration due to stress cracks, STOP using this product and return the product to the seller for inspection, or discard and replace them. Do not attempt to repair this product yourself. No repair or replacement warranty will be honored on any X8 wrist brace which is found to have been altered or repaired by anyone unauthorized to make any such repairs.

Do not make any custom modifications to this product. This includes, but is not limited to, drilling holes, painting, cutting, heating, bending, or attaching items to this product in any way not outlined in this guide. Any such modifications may compromise the Mobius wrist brace and its effectiveness, safety, strength, and / or protection. Further, any modifications made to the Mobius wrist brace will void all warranty claims.

When disposing in domestic waste please do not mechanically disrupt or incinerate the device as this could lead to potential hazards. The approximate period of obsolescence is 10 years.

INDEMNITY

Mobius products cannot protect the user from all foreseeable injuries. By using this product the user accepts the risks involved with sports, and understands that no safety equipment device can guarantee that any injury will be prevented. Perform



these activities with caution and always wear appropriate safety equipment. The X8 wrist brace cannot protect against all potential impact and/or injuries. Although the X8 wrist brace is designed to help reduce the risk and/or severity of wrist injuries, there is no guarantee that injury will be prevented by the use of this, or any other safety equipment. This product shall only be used when properly fitted and attached according to the instructions in this user guide. Use at your own risk.

Should you not accept these terms, please return the X8 wrist brace in the original packaging, in the original condition, to the agent from which it was received or purchased for a full refund of the purchase price.

DISCLAIMER OF LIABILITIES

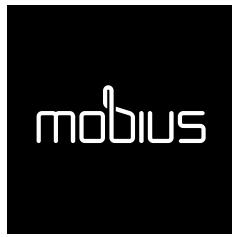
Mobius Technologies LLC, its subsidiaries, suppliers, employees, owners, officers, agents, or resellers shall not be held liable or responsible for injury, death, or other damages (including loss of business, profits or punitive damages), to buyer/user and/or his/her heirs, or assigns, which may occur as the result of the use of the X8 wrist brace, the negligence of any party, whether passive or active, or of any alleged product defect of the X8 wrist brace. Seller shall have no liability whatsoever to buyer if the damage or injury claimed by buyer, has been the result of misuse, alteration, accident or abnormal conditions of operation or handling, as determined solely by seller or its authorized sales outlet.

WARRANTY

X8 wrist braces carry a limited, one (1) year warranty for manufacturing defects for the original purchaser.

IMPORTANT! To be eligible for this warranty, you must retain your original receipt. This warranty is intended for the original purchaser and is non-transferable.

Warranty servicing is valid only in country of purchase. Service charges will apply if serviced outside the country of sales origin. Warranty void on all third party purchases.



Mobius will repair or replace (at its discretion) the product and/or its components, if it is determined by Mobius to be defective in materials or workmanship for one year from date of purchase.

Mobius Technologies, LLC

251 Northwood Way, Suite B

Ketchum, ID 83340