

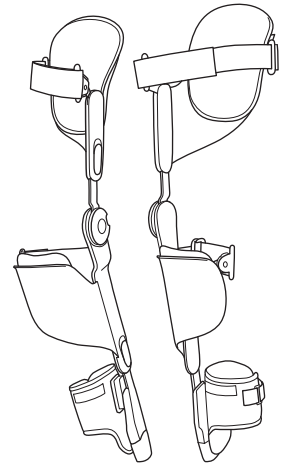
User's Guide

Product Code: arFXS001



Warning

- All persons using this product must receive user training.
- Do not lean back too far on the device.
- The product does not have functions for preventing falls.
- The user must keep balance on his/her own.
- Please only use the product to support your posture during standing tasks.
- Please do not use the product beyond the product specifications. It may cause malfunctions or accidents.
- The product is not intended for uses who have difficulty in walking normally due to disability or other reasons.
- Do not use for any other purpose.



How to Use This Product Safely in the Long Term

Thank you for purchasing our product. Please read this guide carefully and use the product correctly.



Safety Precautions

Please fully observe the following precautions to prevent injury or harm to you or others, as well as to ensure safe use of the product.

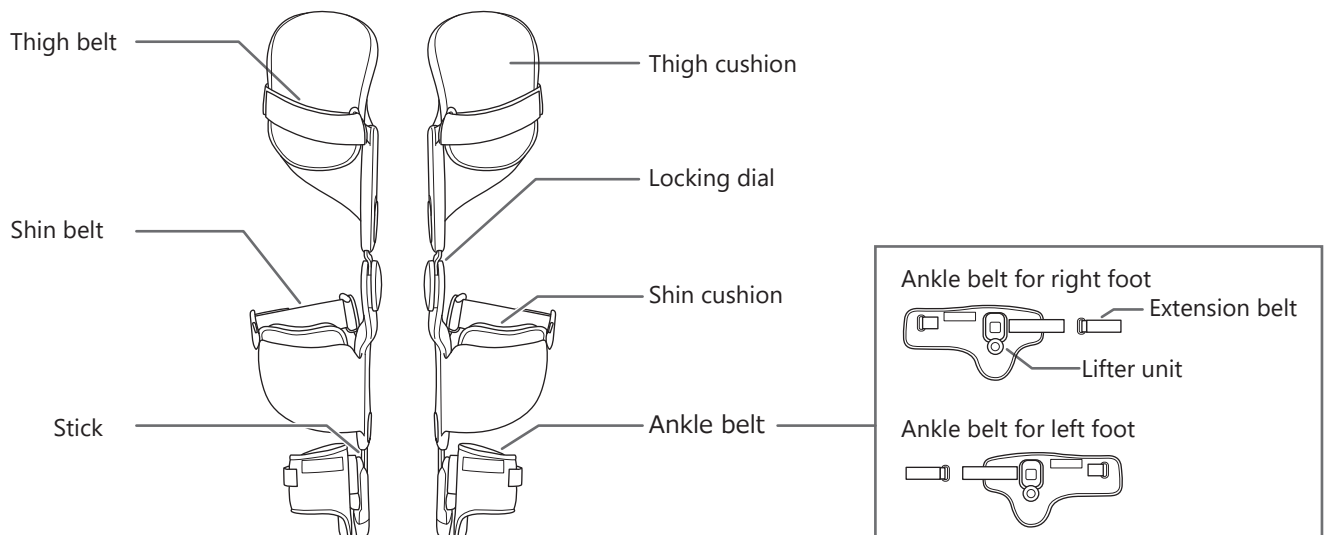
- The amount of time it takes for users to get used to wearing the device varies from person to person. Follow your trainer's instructions and gradually get used to wearing the unit.
- If you need to use the device before receiving training, follow this manual and learn to use the device correctly from a person who has been trained.
- Be careful not to pinch your fingers with the frame during installation.
- Please change your posture as appropriate during use when wearing the device on an ongoing basis.
- If you use the device while staying in the same posture for a long period of time, blood clot may occur from the strain being put on the leg.
- Do not use the product with bare feet, high-heeled footwear, or ill-fitting work pants.
- Do not use the device in bumpy, unlevel areas with obstacles, as this is a trip and fall hazard.
- Do not hold heavy objects while wearing the product. The product does not have functions for distributing the load from heavy objects.



Handling Precautions

- The product is for indoor use. Do not use it outdoors.
- When storing this product, please put it indoors on a flat surface.
- Please store the device away from high temperature, humidity, and direct sunlight.
- Inspect the product periodically to ensure safe use.
- When carrying the product, please be careful not to drop on your feet.
- The product is covered by a 3-year warranty. However, the warranty does not cover any damage resulting from violations of safety/handling precautions and unauthorized modifications. Moreover, after the warranty period expires, you become liable for all repair fees.
- Do not hold heavy objects while wearing the product. The product does not have functions for distributing the load from heavy objects.
- Make sure there are no young children nearby when using.
- Do not ride a motorcycle or bicycle while wearing the product.
- archelis will not be liable for any damages or injury arising directly or indirectly from the use of the product.
- If a malfunction occurs in the product, contact your distributor.
- Please note that the product design, specifications, appearance, and price are subject to change without prior notice for product improvement.
- archelis will not be liable for any physical injuries, property damage, or other types of damage caused by improper use of the product.

Names of Parts



Before using

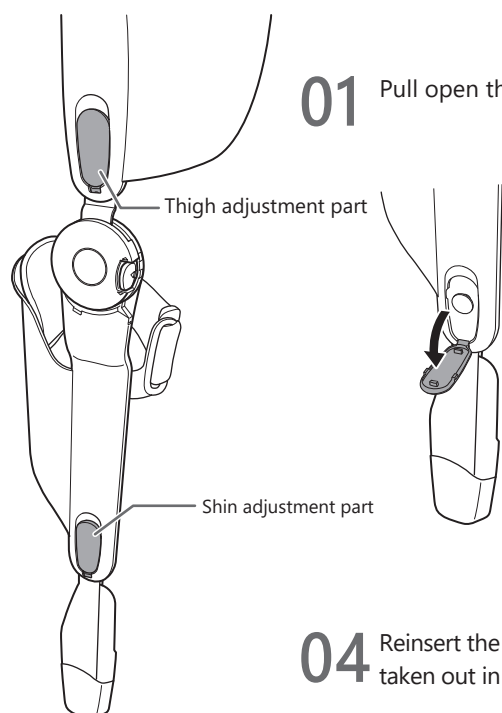
Please check the following before use:

- Check that the device locks properly.
- Check that each mode is functioning properly.
- Check that there are no cracks and loose screws/pins on any of the parts.
- Check that there is no deformation in any of the parts.
- Adjust it to your own body size. Improper sizing may reduce the effectiveness of the product.

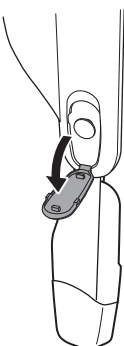
Length Adjustment (Shin and Thigh Parts)

Before putting on the device, you need to adjust the positions of the shin and thigh parts so that the device can fit your height and body shape.

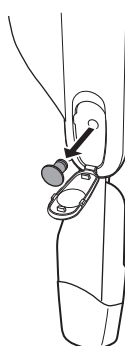
The following procedure describes how to adjust the shin parts. Please also use this procedure to adjust the thigh parts.



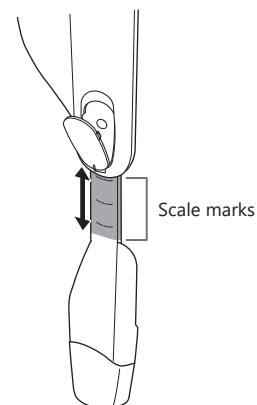
01 Pull open the cover.



02 Take out the set pin.



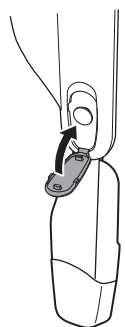
03 Adjust the part to the position with the scale marks that match your height, as shown in the table below.



04 Reinsert the set pin that was taken out in the Step 2.



05 Close the cover.



Scale Positions by Height Range

S size

Scale		Height range (cm)
Shin part	Thigh part	
•	•	145 - 151
••	••	152 - 157
•••	•••	158 - 165

M size

Scale		Height range (cm)
Shin part	Thigh part	
•	•	160 - 165
••	••	166 - 172
•••	•••	173 - 179
••••	••••	180 - 185

L size

Scale		Height range (cm)
Shin part	Thigh part	
•	•	170 - 175
••	••	178 - 182
•••	•••	183 - 189
••••	••••	190 - 195

Adjustment of Parts and Accessories

Please adjust the following parts and accessories to fit the user.

- Please use the length adjustment (shin and thigh parts) table for reference.

Adjust the parts so that the device fits the user's height and body shape.

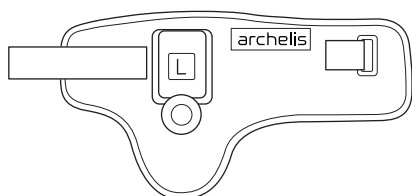
Example: If the user's height is 170 cm, adjust the shin and thigh parts to the positions where the "●●" and "●●●" scale marks are shown respectively.

- There are cushions in 2 locations (front of the shin part, back of the thigh part) for each leg. Adjust the position of these so that the device fits the user's height and body shape.

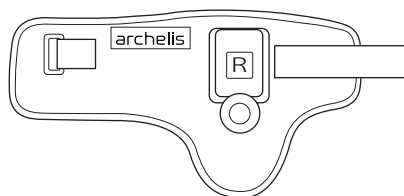
Preparation for wearing

Wrap the ankle belts around the left and right ankles before putting them on.

01 Check the left and right ankle belts.



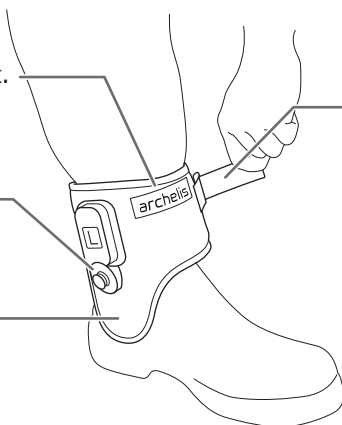
For left foot



For right foot

02 Bind around the ankle as shown, paying attention to direction and position.

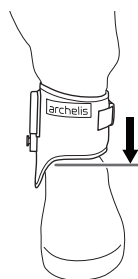
- The logo will be shown in front.
- The joint part is on the inside of the foot.
- The convex part faces down.
- If the ankle belt is not long enough, attach an extension belt. (See page 5.)



Check



- Make sure the ankle belt is fixed on the top of the foot and does not fall down.



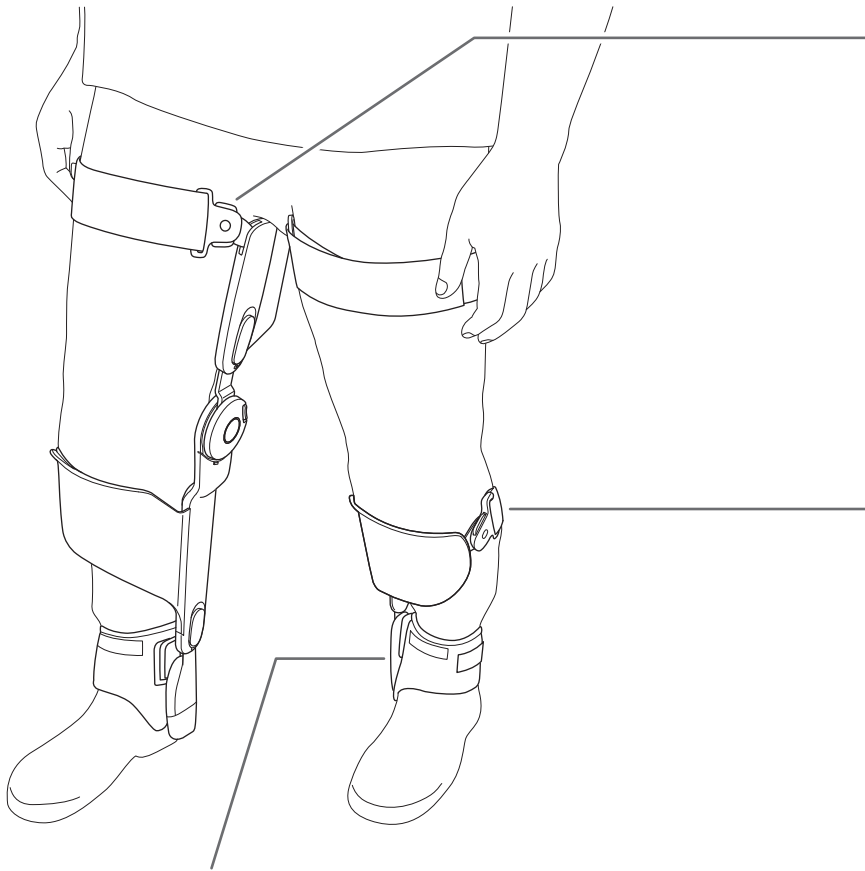
- If there is a gap, put down the ankle belt until it is on the top of the foot.



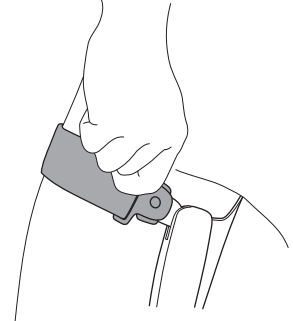
Putting on the Device

Please put the device on starting with the foot, shin, then thigh parts in that order. Be careful not to pinch your fingers with the frame during installation.

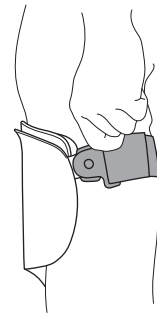
01 Foot > 02 Shin > 03 Thigh



03 Thigh
Fix to your thigh with the thigh belt.



02 Shin
Fix to your shin with the shin belt.



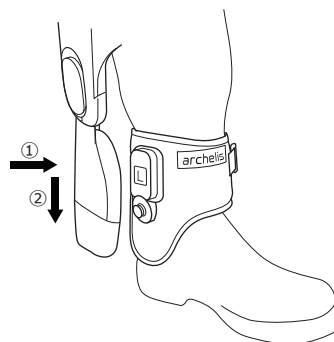
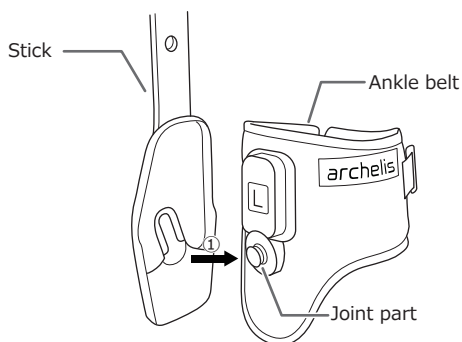
01 Foot
Adjust the guide groove of the stick to the joint part of the ankle belt.



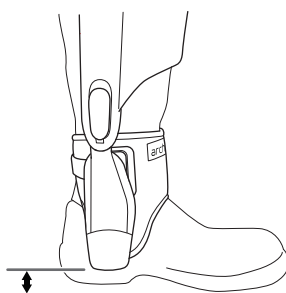
Slide it down along the rail and fix it to the ankle.



Make sure the stick is properly fixed to the ankle.



Check



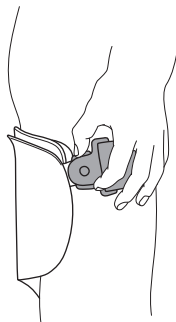
- Make sure archelis is one finger width (about 1 cm) off the ground while standing.
- If the belt slips down, fasten the shin belt and thigh belt securely. If the height of the rubber feet does not match and it touches the ground, replace the rubber feet with appropriate height. (See page 5).

Way of removing

Remove from the top in this order: thighs, shins, and feet. Be careful not to pinch your fingers with the frame when putting on and taking off.

How to remove the thigh belt and knee belt

Pinch the top and bottom of the buckle to remove it.



How to remove the stick

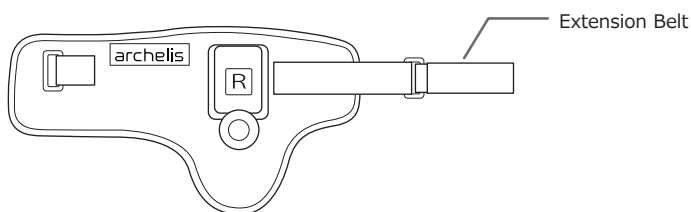
Pull up the stick to remove from the ankle belt.



How to put in the extension belt

If the belt is not long enough, use the extension belt to extend the belt length.

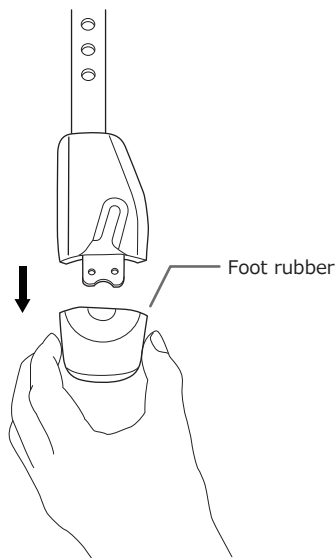
- 01 Insert the extension belt through the hook-and-loop fastener on the ankle belt.



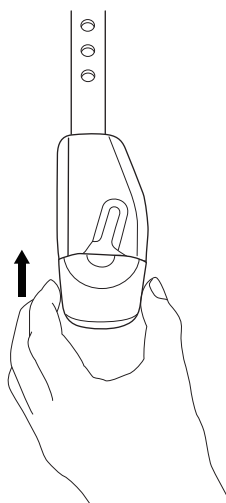
How to replace the foot rubber

If the foot rubber is worn out or the height does not fit, it can be replaced.

- 01 Remove the foot rubber from the stick.



- 02 Put the new foot rubber on the stick.





How to use the locking dials

The locking dial can be turned to switch modes only when the user's weight is not being put on the product. After changing modes with wearing gloves, earplugs, etc., make sure the product is locked before applying your body weight.

The following procedure describes how to switch from archelis mode to free mode.

- 01 Turn the dial slightly while holding down the orange-colored button, and then release the button.
- 02 When the button is released, turn the dial to a mode position, which sounds with a click.

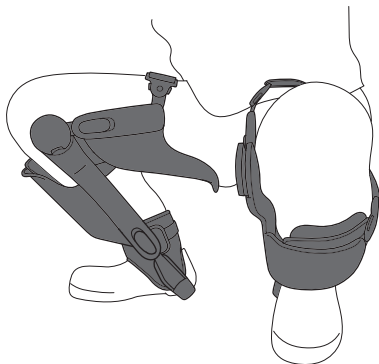


About Modes

The product provides 3 modes to suit different levels of ease when walking and standing position retention. You can switch modes using the locking dials.

	Free mode	archelis mode	Standing mode
Ease of walking	◎	○	△
Standing position retention	Does not retain standing position	Retains half crouching position	Retains upright standing position
Image of posture			
Position of the locking dial for each mode (Figure indicates the position of the dial on the right leg.)			

⚠ Do not sit down when in free mode. Doing so may damage the device.



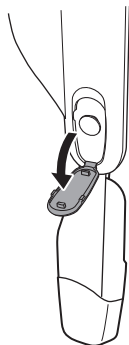


How to replace the foot parts

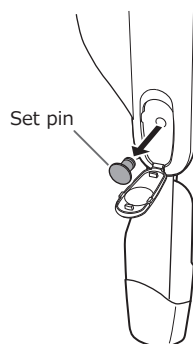
The foot parts are replaceable between stick type and ratchet buckle type. Select the appropriate type according to the operating environment and work process. When using the stick type, an ankle belt must be attached.

This section describes the procedure for replacing the stick type with the ratchet buckle type.

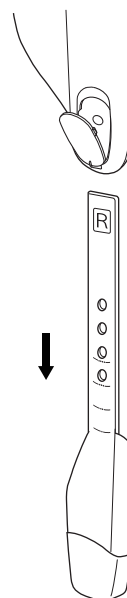
01 Pull open the cover.



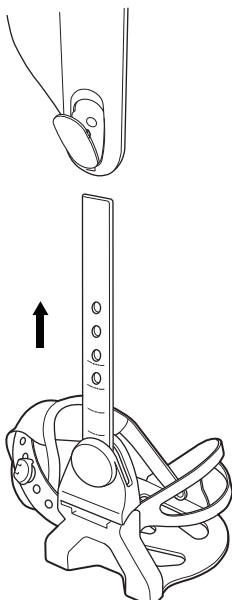
02 Take out the set pin.



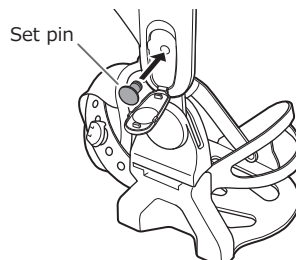
03 Remove the stick type foot parts from archelis.



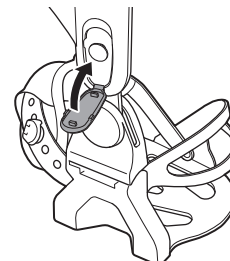
04 Insert the ratchet buckle type foot part.



05 Reinsert the set pin that was taken out in the step 2.



06 Close the cover.



Maintenance

Regular Maintenance

<Cleaning the resin and metal parts>

- Please always clean the resin and metal parts before using.
- If there is heavy soiling in the resin and metal parts, wipe clean using a cloth that has been dampened with water or neutral detergents and wrung out. After that, wipe again using another soft and dry cloth.
- Do not let liquids enter into the moving parts of the device.
- If the lifter unit and foot rubber are worn out, they need to be replaced.

<Cleaning cushion parts>

- Pat the dust off the parts with fabric and then vacuum any remaining dust with a vacuum cleaner.
- Put cushion parts into a laundry net to wash.
- If there is visible soiling, replace with a new cushion (sold separately).

<Cleaning in a Clinical Site>

- Wipe the device thoroughly every time you use it.
Be sure to use an appropriate amount of liquid detergent, such as a neutral detergent, ethanol for disinfection, or hydrogen peroxide, when cleaning.
- Do not let liquids enter into the moving parts of the device.
- Make sure you have completely removed any blood stains, dead skin, or salt-edged patches from the surface of the device.
- After wiping the product clean, wipe it dry again with distilled or sterile water.
- Do not use ultrasonic cleaners or jet-type instrument cleaners.

Malfunctions

- If you find any abnormalities with the product, contact your distributor.

Disposal Methods

- Separate each part and dispose of it as industrial waste. If disposal is difficult, please contact the distributor.

<Distributor>

<Manufacturer>

Troubleshooting

Use the following information for troubleshooting.

Symptoms & Condition	Remedy
Locking dial cannot be turned	Turn the dial without putting any weight on the device.
Device fell over	Switch to free mode and then stand up.
Device cannot be locked normally	Stop using and contact your distributor.
Device makes abnormal noises	Stop using and contact your distributor.

Product Specifications

Product Name	archelisFX stick		
Product Code	arFXS001-S	arFXS001-M	arFXS001-L
Wearable Height	145cm ~ 165cm	160cm ~ 185cm	170cm ~ 195cm
Max. Load Weight	Up to 65kg	Up to 90kg	Up to 115kg
Dimensions(one leg)	17.5cm×28cm×71.5cm	17.5cm×28cm×78.5cm	17.5cm×28cm×82.3cm
Weight (one leg)	1.7kg	1.8kg	1.9kg
Number of adjustable positions	3 positions (free mode included)		