

Foottroller Insole Kit User Manual

JP Technology Initiatives Inc.

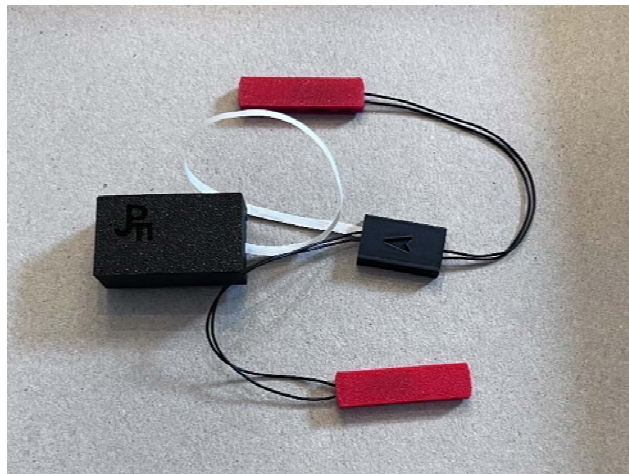
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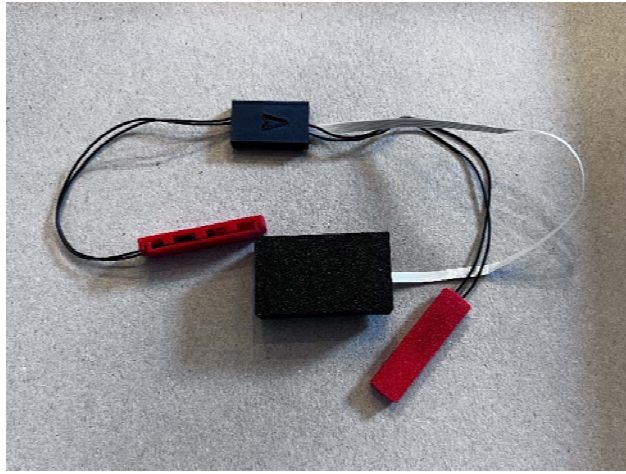
Foottroller Insole kit Items



Foottroller control box. Powered with a 5V micro USB. Connects to the device, e.g., PC, as a Bluetooth Joystick device.



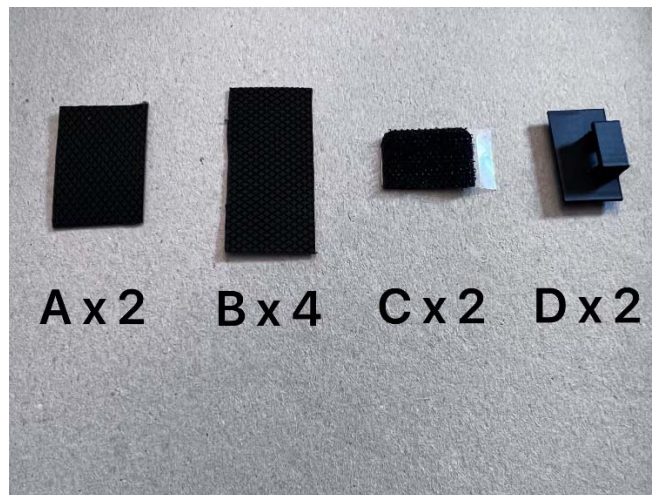
Right foot Sensor set (with the JPTI logo mark on the sensor controller case)



Left foot sensor set (with no logo mark on the sensor controller case)



A pair of insole foams



Assembly parts A, B, C and D

- A: Tapes for securing right foot and right foot sensor components (opening 2. See the assembly sections)
- B: Tapes for securing left foot and right foot sensor components at (opening 1 and 3. See the assembly sections)
- C: hook and loop sticky pieces for securing left/right foot sensor controller on the shoe
- D: Hooks for securing the left/right foot sensor controller on the shoe over shoe laces.
- A: Tapes for securing right foot and right foot sensor components (opening 2. See the assembly sections)
- B: Tapes for securing left foot and right foot sensor components at (opening 1 and 3. See the assembly sections)
- C: hook and loop sticky pieces for securing left/right foot sensor controller on the shoe

Other Items (not included)

1. Recommended shoes for the foottroller assembly:

Purchase link: https://www.amazon.com/dp/B089T3VM32?ref=ppx_hzsearch_conn_dt_b_fed_asin_title_1

The recommended shoes are comfortable, flexible which is best suited for Foottroller operations. The shoes have their own insoles which will be replaced by the foottroller insoles.

Note: Recommend to pick the size that is one size larger than the shoes that you would normally wear such that it is not tight when you wear put on shoes.

2. Micro usb cables to power the Foottroller control box.

3. Two 3ft-4ft usb-C cables to power the left-foot controller and the right-foot controller.

Purchase link: https://www.amazon.com/dp/B0BBMKV3YL?ref=ppx_hzod_title_dt_b_fed_asin_title_0_0&th=1

4. A power bank to provide power to the left-foot controller and the right-foot controller with the USB cable, which can be put into a pocket while using for mobility.

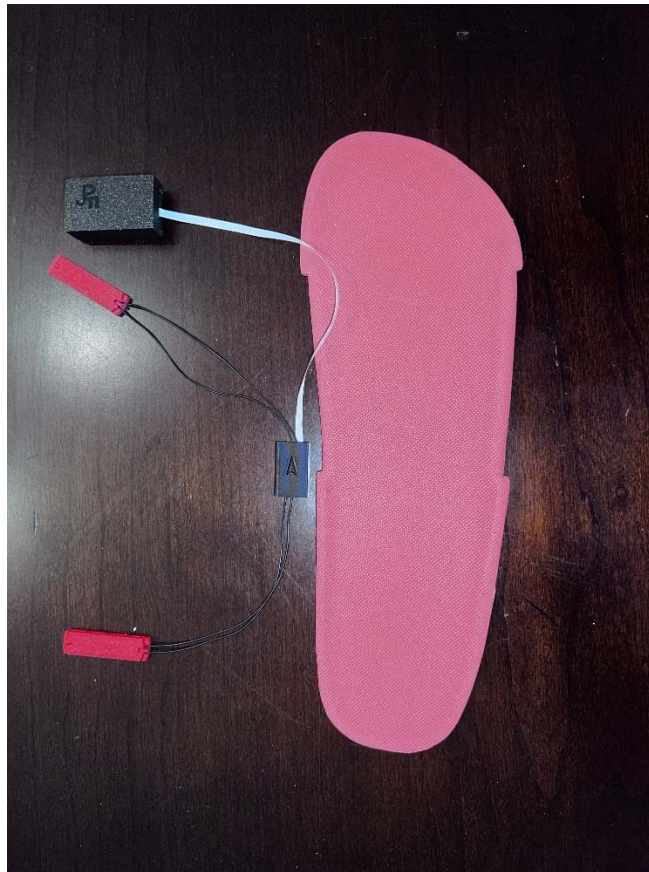
Purchase link: <https://a.co/d/4ruCChI>

Foottroller right foot assembly:

Assembly video: <https://youtu.be/hEMcShgNSwA?si=K6pLFyYtuhFxaKFp>

Step 1. Get right foot components as shown in the figure below including

- Right foot insole foam
- Right foot sensor controller (with the Logo) and sensor components.
- All the sensor components in the figure face up



Step 2. Prepare the right foot insole foam.

- Cut the insole foam to according to the original insole of the shoe for the right foot and make sure it fits the shoe.
 - Shoe recommendation
https://www.amazon.com/dp/B089T3VM32?ref=ppx_yo2ov_dt_b_fed_asin_title
- Cut openings for the sensor components at 1. the heel of the foot, 2. the foot arch and 3. The ball of the foot according to your right foot.
 - Opening 3 need to be under the ball of the user's right foot when wearing the shoe. Please determine the opening position according to the user's foot.



Step 3. Put right foot sensors into the right foot insole.

- Put the sensor in openings 1, 2 and 3 from the insole foam's bottom side (See the left figure below).
 - From the upside (see the right figure below), the arrow shape of sensor component at position 2 should point to the toe direction.
 - The sensor components at positions 1 and 3 face up (see the right figure below).

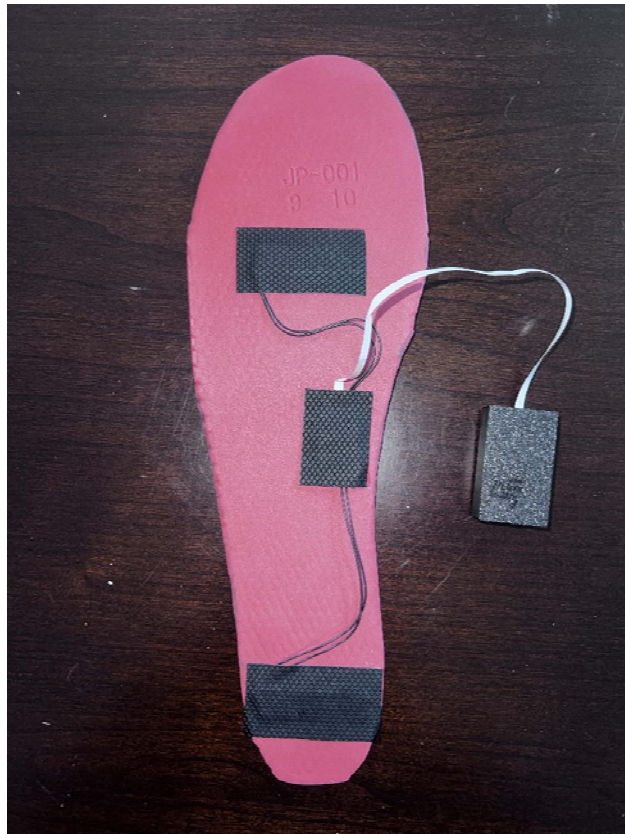


Right foot insole bottom view



Right foot insole top view

Step 4. Secure the sensor controller with provided tapes (A and B) from the bottom side as shown in the left figure below. And put the insole in the shoe with the controller secured with the sticky pieces (C) or the hooks (D).

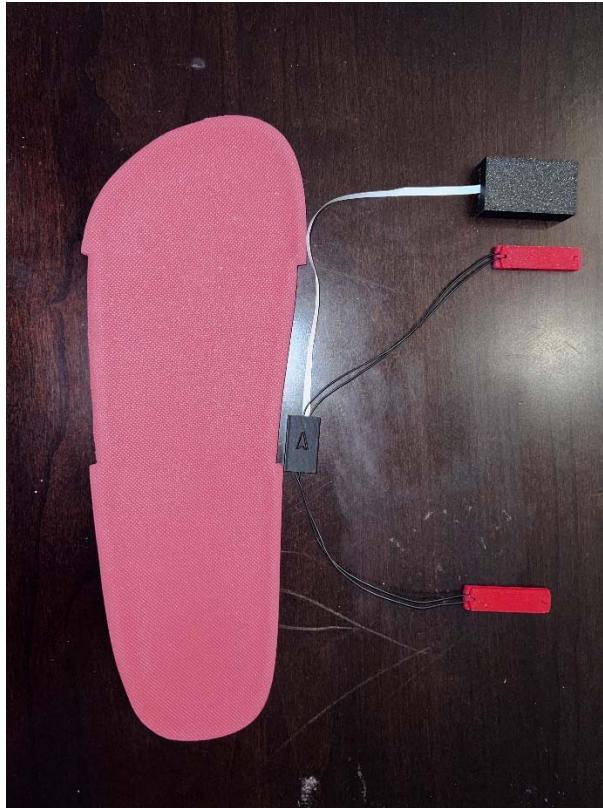


Foottroller left foot assembly:

Assembly video: <https://youtu.be/hEMcShgNSwA?si=K6pLFyYtuhFxaKFp>

Step 1. Get left foot components as shown in the figure below including

- Left foot insole foam
- Left foot sensor controller and sensor components.
- All the sensor components in the figure face up



Step 2. Prepare the left foot insole foam.

- Cut the insole foam to according to the original insole of the shoe for the left foot and make sure it fits the shoe.
 - Shoe recommendation
https://www.amazon.com/dp/B089T3VM32?ref=ppx_yo2ov_dt_b_fed_asin_title
- Cut openings for the sensor components at 1. the heel of the foot, 2. the foot arch and 3. The ball of the foot according to your right foot.
 - Opening 3 need to be under the ball of the user's right foot when wearing the shoe. Please determine the opening position according to the user's foot.



Step 3. Put left foot sensors into the left foot insole.

- Put the sensor in openings 1, 2 and 3 from the insole foam's bottom side (See the left figure below).
 - From the upside (see the right figure below), the arrow shape of sensor component at position 2 should point to the toe direction.
 - The sensor components at positions 1 and 3 face up (see the right figure below).



Step 4. Secure the sensor controller with provided tapes (A and B) from the bottom side as shown in the left figure below. And put the insole in the shoe with the controller secured with the sticky pieces (C) or the hooks (D).



Connect and test Footroller with PC

Please follow the instructions in the video

<https://youtu.be/4g5yWZRcpvg>

Setup Footroller to play SteamVR games

Please follow the steps in the video

https://youtu.be/bPx_QMZ3PQo