



# T8X

Quick Start Guide

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### **4. Termination**

This License is effective for the lifespan of the T8X robot. However, all the terms and conditions, which by their nature should survive termination, shall survive such termination. This includes but is not limited to Intellectual Property and other proprietary rights, confidentiality obligations, disclaimers, limitation of liability, and indemnification obligations.

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SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO THIS DISCLAIMER MAY NOT APPLY TO YOU IN ITS ENTIRETY.

### **6. Limited Warranty**

Robugtix warrants for a period of FORTY FIVE (45) DAYS (“Warranty Period”) from the date the product is shipped, that the T8X will, when properly used, perform substantially in accordance with the functions

described in Robugtix's published guidelines ("Published Guidelines"), which correctly describe the operation of the T8X in all relevant aspects. The Published Guidelines include but are not limited to information contained in quick start guides, user manuals, other relevant documentation, and technical specifications.

If, within the Warranty Period, you notify Robugtix in writing by email of any defect or fault in the T8X as a result of which it fails to perform substantially in accordance with the Published Guidelines, Robugtix will, at its sole discretion, either repair or replace the T8X. In such case, you agree to provide Robugtix with all the information that may be necessary to remedy the defect or fault.

THE WARRANTY DOES NOT APPLY IF THE T8X HAS BEEN MODIFIED BY THE END USER IN ANY WAY WHATSOEVER. THE WARRANTY DOES NOT COVER ANY DEFECT NOR WEAR AND TEAR OF THE HAIRY SKIN FOR THE HAIRY SKIN VERSION. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY ROBUGTIX OR A ROBUGTIX AUTHORIZED REPRESENTATIVE SHALL CREATE ANY WARRANTY NOT EXPRESSLY STATED IN THE TERMS. SHOULD THE T8X PROVE DEFECTIVE, YOU ASSUME THE ENTIRE COST OF ALL NECESSARY SHIPPING, SERVICING, REPAIR, AND/OR CORRECTION.

#### **7. Limitation of Liability**

TO THE EXTENT PERMITTED BY APPLICABLE LAW, UNDER NO CIRCUMSTANCES SHALL ROBUGTIX BE LIABLE FOR PERSONAL INJURY, OR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, OR PUNITIVE DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, LOSS OF DATA, BUSINESS INTERRUPTION OR ANY OTHER COMMERCIAL DAMAGES OR LOSSES, ARISING OUT OF OR RELATED TO YOUR USE OF OR INABILITY TO USE THE T8X OR ANY OTHER MATTER RELATED TO THIS AGREEMENT, HOWSOEVER CAUSED, REGARDLESS OF THE THEORY OF LIABILITY, WHETHER BASED ON WARRANTY, CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, AND EVEN IF ROBUGTIX HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL THE TOTAL LIABILITY OF ROBUGTIX TO YOU EXCEED 100USD. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OR EXCLUSION OF LIABILITY FOR DAMAGES, SO SOME OF THE ABOVE LIMITATIONS MIGHT NOT APPLY TO YOU.

#### **8. Indemnification**

You agree to indemnify, defend and hold harmless Robugtix Ltd., its parents, affiliate and subsidiary companies, officers, directors, employees, consultants, and agents from any and all third party claims, liability, damages and/or costs (including, but not limited to, attorney's fees and litigation expenses) relating to or arising from any breach or violation of this Agreement by You or any other user of your T8X

(including negligent or reckless conduct). Each of the above referenced individuals or entities reserves the right to assert and enforce these provisions directly against you, on their own behalf.

### 9. Governing Law and Severability

This Agreement will be governed by and construed in accordance with the laws of Hong Kong SAR. If any part of this Agreement shall be determined to be invalid or unenforceable by any court of competent jurisdiction, such determination shall not affect the remainder of the Agreement.

### 10. Notices

If Robugtix needs to contact you about your product, you consent to receive the notices by email and agree that any such notices sent to you electronically will satisfy any legal communication requirements.

### 11. Entire Agreement and Governing Language

This Agreement constitutes the entire agreement between you and Robugtix with respect to the subject matter herein and supersedes all prior or contemporaneous understandings regarding such subject matter. No amendment to or modification of this Agreement will be binding unless in writing and signed by Robugtix. Any translation of this Agreement is done for local requirements and in the event of a discrepancy between the English and any non-English versions, the English version shall prevail.

### Instructional Icons



Warning related to safety and health



Tip/Information



Caution related to product care

### General Safety Instructions

- Read this manual before operating your T8X.
- Follow all safety and operating instructions.
- The T8X is NOT a toy. Children and pets should be supervised when your T8X is being used in their presence.
- Store and operate your T8X in room temperature environments.
- Do not allow contact between your T8X and any liquid.

- Use your T8X in dry environments only.
- Avoid inhaling the “hair” of the Hairy Skin Version T8X.



The T8X is designed to be used mainly indoors. Occasional outdoor use of the Black Plastic Version T8X is allowable without prolonged exposure to sun, heat, and humidity. The Hairy Skin Version T8X should be used **indoors** only.



Handle the Hairy Skin Version T8X with care as its “hair” may fall out gradually.

## Certification and Compliance

### FCC COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Contains FCC ID: ZXVHLK-RM04

### CE COMPLIANCE FOR EUROPE

Hereby, Robugtix Ltd. declares that this wireless device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

A copy of the EU Declaration of Conformity is available at:

[www.robugtix.com/content/docs/T8X\\_Declaration\\_of\\_Conformity.pdf](http://www.robugtix.com/content/docs/T8X_Declaration_of_Conformity.pdf)

## Package Contents

Your product box should contain one (1) of each of the following items:

- T8X
- Battery pack
- Power adapter
- Quick Start Guide



By default, the battery pack might not be fully charged. Remember to charge it before attempting to use your T8X for the first time.

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## Battery Details

### BATTERY REQUIREMENTS

Your T8X is powered by a single 4.8V, 4 cell, NiMH rechargeable battery pack, between 1600mAh to 2000mAh. Do not use any other type of battery pack or ratings.

### BATTERY INSTALLATION

- Make sure the T8X power switch is in the OFF position before installing or removing batteries.
- Remove the top cover of the T8X by pushing a snap-in feature located between the head and tail section and then lifting the cover.
- Install recommended batteries with the correct battery polarity.

### BATTERY SAFETY INFORMATION

- Use only rechargeable battery types and ratings approved by Robugtix.
- Recharge the batteries using a standard outlet and the recommended power adapter only.
- Check the batteries for signs of damage or leakage prior to every use and charging.
- Do not place the batteries near any heat source.
- Do not dispose of batteries in fire.
- Do not allow contact between the batteries and any liquid.
- Do not short circuit the battery terminals.
- Remove the batteries from your T8X before long-term storage or transportation.

### LOW BATTERY INDICATOR

Your T8X will start to move very slowly. When this occurs, turn it off and recharge the battery pack with the power adapter.



Be careful when switching the On/Off power switch. Repetitively or violently switching the button could damage your T8X.

## Getting Started

1. Remove the top cover of the T8X by pushing a snap-in feature located between the head and tail section and then lifting the cover.
2. Place the battery pack inside and connect it to the T8X as indicated in Battery Installation.
3. Reinstall the T8X's body cover.



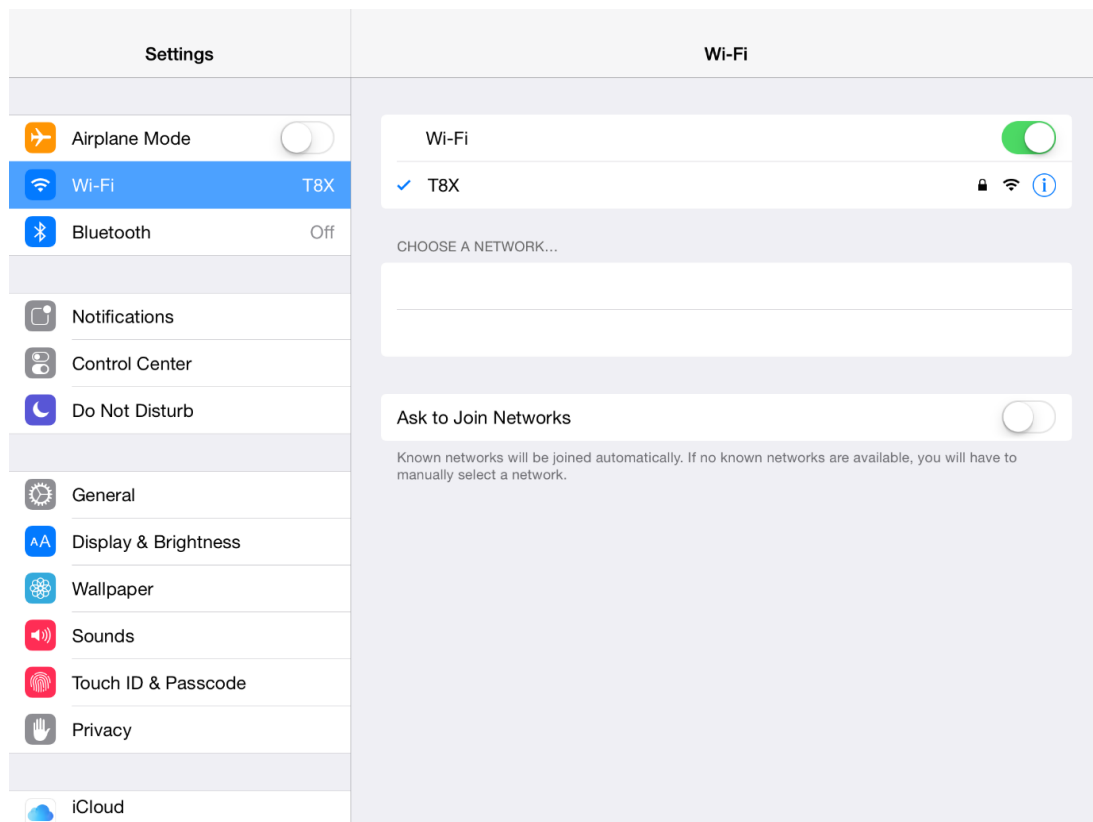
4. When the battery pack needs to be recharged, plug in the power adapter and connect it to the T8X. Note that the battery pack must be connected to the T8X in order to recharge it and that charging will only occur when the ON/OFF switch is in the OFF position. When the battery pack is recharging, the T8X's eye lights will blink a blue color. When the battery pack is fully recharged, the T8X's eye lights will stop blinking and turn off.
5. To turn on the robot, move the ON/OFF power switch to the ON position.
6. Note that the power switch has three positions. If the switch is moved to the middle position (between ON and OFF), the T8X will be powered off and battery charging will be disabled.



Do NOT manually move the joints of the legs or tail of the robot as doing so may cause damage to it and void the Limited Warranty. The joints should only be allowed to move under its own power.

## Controller Setup

Turn on the T8X unit and connect to it using a smartphone or tablet computer to the WiFi SSID: T8X. Note: allow up to 30 seconds for the unit to boot up before the WiFi SSID appears on your mobile device.

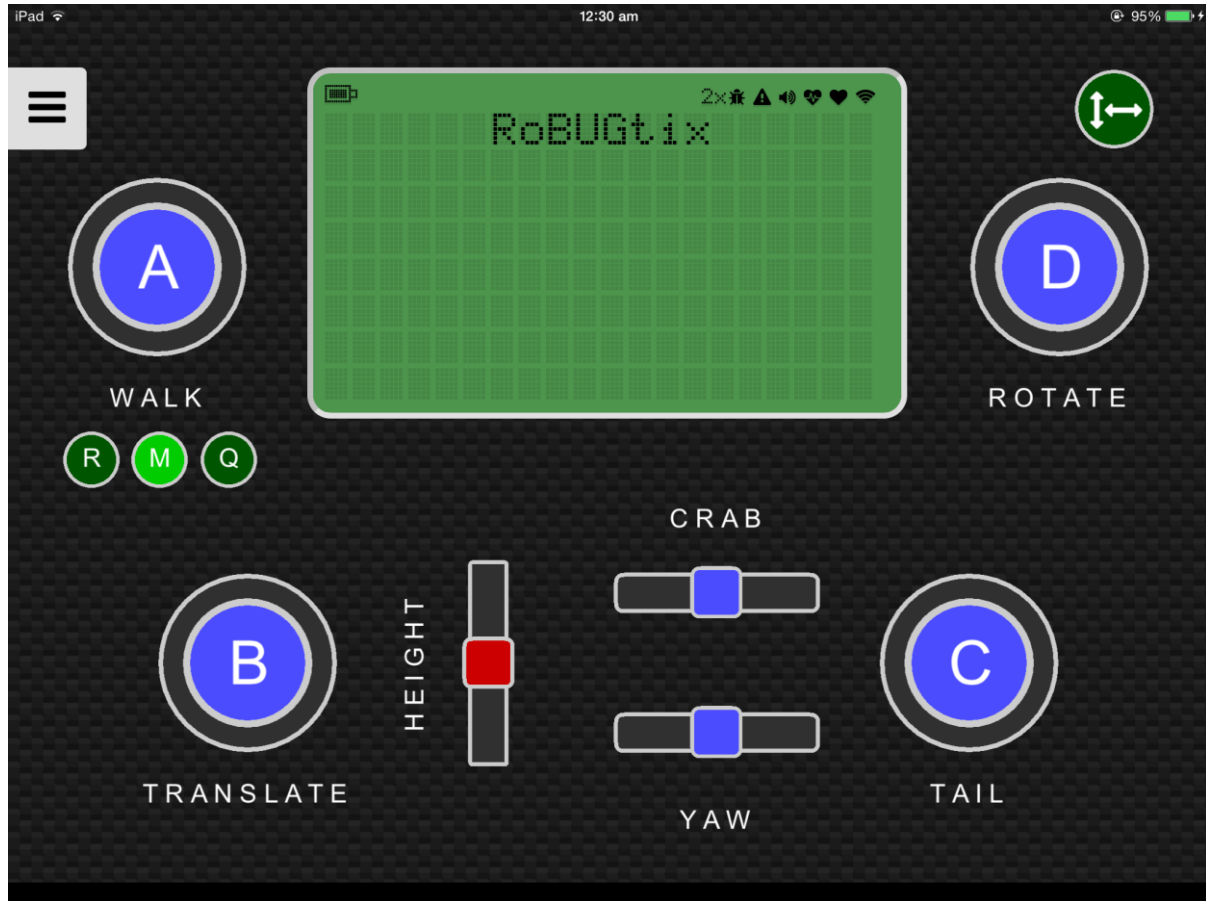


Once a connection is established, access the controller on a web browser at the URL:

<http://192.168.1.1>

## User Interface

There are four joysticks and three sliders in the main menu, which can be used to control the movements of the robot.



The following part describes what each joystick and slider has been pre-programmed to do.

Joystick A – Walk: controls walking forward/backwards and turning motions.

Joystick B – Translate Body: shifts the robot's body position along a horizontal plane.

Joystick C – Move Tail: moves the robot's tail position up and down or left and right.

Joystick D – Rotate Body: rotates the robot's body position.

Slider – Crab: controls sideways walking motion.

Slider – Yaw: rotates the body of the robot to look left and right.

Slider – Height: translates the body of the robot up and down.

## Regular Maintenance



Make sure that the power adapter is unplugged, the battery pack is removed, and the power switch is in the OFF position before cleaning your T8X.



Clean your Black Plastic Version T8X with a dry cloth or including rubbing alcohol. Clean your Hairy Skin Version T8X very carefully and lightly with a dry, lint-free, soft cloth only.



The Hairy Skin Version T8X is not splash-proof.

## Other Relevant Documentation

A soft copy (PDF) of the Published Guidelines including other relevant documentation are available on our website at [www.robugtix.com/t8x](http://www.robugtix.com/t8x).

## Troubleshooting

If you have encountered problems with your T8X, please attempt the following solutions first. If your problems persist, visit the T8X FAQ section on our website or [www.robugtix.com/contact](http://www.robugtix.com/contact).

Problem	Solution
T8X does not move, moves very little, or is not moving the way I am controlling it to.	a) The battery is VERY low. Recharge or replace the battery pack.
	b) Check that the battery polarity is correct.
	c) Check that there is no obstacle between the battery and the battery contacts.
	d) Turn the T8X off and then on again.
T8X does not respond to the controller.	a) Check that the Wi-Fi in your mobile device is turned on and that the controller is properly connected to it.



Do not attempt to repair or modify the product in any way other than the solutions suggested in the troubleshooting section. Doing so could present the risk of electric shock or other hazards and will also void the Limited Warranty.

## Customer Support

If you have any questions, please contact us at [support@robugtix.com](mailto:support@robugtix.com).