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VEX 249-8581 AIM Coding Robot

Specifications

- Robot Model: 249-8581 VEX AIM Coding Robot
- Controller Model: 269-8230-000 One Stick Controller
- Robot Li-ion Battery Model: NSC1450 (3.7V/800mAh/2.96Wh)
- Controller Li-ion Battery Model: HFC1025 (3.2V/100mAh/0.32Wh

Product Usage Instructions

Pairing One Stick Controller to AIM Robot:

1. Power On the AIM Robot.
2. Verify that the Robot is in Bluetooth mode:
    - Check the signal strength icon to confirm Bluetooth Mode.
    - If in WIFI Mode:
        1. Go to the Settings menu and press the icon.
        2. Go to the Wi-Fi menu and press the icon.
        3. Press the Wi-Fi On icon to turn Wifi off.
        4. Verify the Robot is in Bluetooth mode by checking the signal strength icon.
3. Go to Settings.
4. Go to Link Controller and Press the Icon.
5. The screen should display once the AIM Robot is in pairing mode.
6. Double-tap tap Power Button on the One Stick Controller to put it in pairing mode.
7. LED should turn orange once the One Stick Controller is in pairing mode.
8. LED should blink green once the controller is paired with the AIM Robot.
9. AIM Robot should show signal strength in the top left corner when connected to the One Stick Controller.

Getting to the e-label:

1. Power On the AIM Robot.
2. Press the Settings icon.
3. Press About icon.
4. The e-label icon will be displayed.

CAUTION:

- Risk of fire and burns. Do not open, crush, heat above 60°C, or incinerate.
- Do not recharge a battery pack that shows signs of leakage or corrosion.
- Do not dispose of a battery in a fire.
- Must be disposed of properly.
- Do not short-circuit.
- Never charge batteries unattended or without adult supervision. Do not heat or set a battery on fire.
- Do not disassemble or refit the battery.

Controller Li-ion Battery Model: HFC1025 (3.2V/100mAh/0.32Wh)

WARNING:

- CHOKING HAZARD – Small parts.
- Not for children under 3 years.

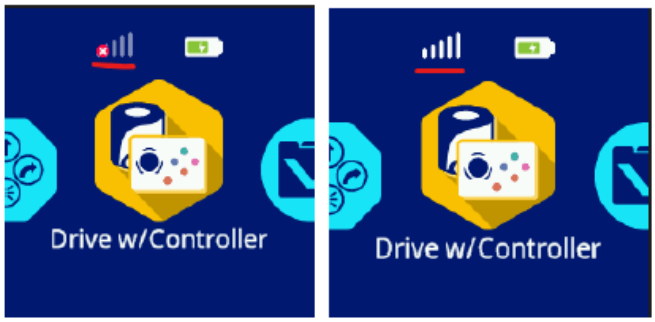
Warning: CHOKING HAZARD – Small parts.

vexrobotics.com Ages 8+ Ans 8+

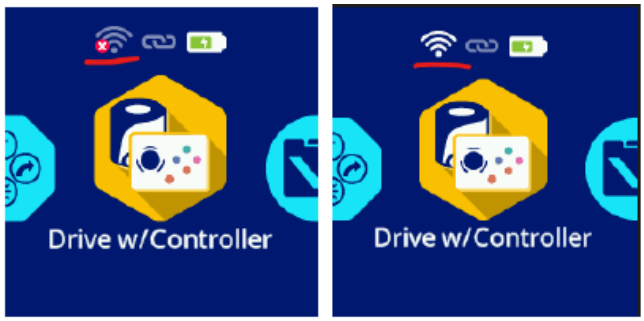
Button and Joystick Test

Pair the One Stick Controller to the AIM Robot

1. Power On the AIM Robot.
2. Verify the Robot is in Bluetooth mode.
   a. Check signal strength icon to determine Bluetooth Mode, continue to step 3.



   b. Check signal strength icon to determine WIFI Mode.



1. Go to the Settings menu and press the icon.

2. Go to Wifi menu and press the icon.

3. Press the “Wifi On” icon to turn Wifi off.

4. The following icon should be displayed.

5. Then press the green checkmark to save settings.

6. Verify the Robot is in Bluetooth mode by checking the signal strength icon.

3. Go to Settings.

4. Go to Link Controller and Press the Icon.

5. The screen below should be displayed once the AIM Robot is in pairing mode.

6. Double-tap the Power Button to put the One Stick Controller in pairing mode.

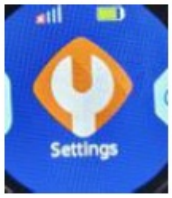
7. LED should turn orange once the One Stick Controller has entered pairing mode.

8. LED should blink green once the controller is paired with the AIM RoboThe t.

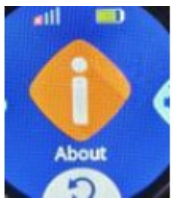
9. AIM Robot should show signal strength in the top left corner when connected to the Once Stick Controller.

Getting to the e-label

1. Power On the AIM Robot.
2. Press the settings icon.



3. Press About icon.



4. The following icon is displayed.

FCC Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, under part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and operated according toed by the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Suppose this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. In that case, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Statement:

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. Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Industry Canada Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.

Operation is subject to the following two conditions:

1. This device may not cause interference.

2. This device must accept any interference, including interference that may cause undesired operation of the device.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device

For more information and to get started with your kit, scan the QR code to get started at teachAIM.vex.com

FAQS

- **Q: How do I check the battery models for the Robot and Controller?**
  A: The Robot Li-ion Battery Model is NSC1450 (3.7V/800mAh/2.96Wh) and the Controller Li-ion Battery Model is HFC1025 (3.2V/100mAh/0.32Wh).
- **Q: How can I verify if the Robot is in Bluetooth mode?**
  A: Check the signal strength icon on the Robot to determine if it is in Bluetooth mode. If not, follow the steps to switch from WIFI Mode to Bluetooth Mode as outlined in the instructions.

Documents / Resources

	VEX 249-8581 AIM Coding Robot [pdf] Owner's Manual 249-8581-750, 249-8581, 249-8581-000, 269-8230-000, 249-8581 AIM Coding Robot, 249-8581, AIM Coding Robot, Coding Robot, Robot

References

- User Manual

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249-8581, 249-8581 AIM Coding Robot, 249-8581-000, 249-8581-750, 269-8230-000, AIM Coding Robot, Coding Robot, Robot, VEX

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