



AI-01 Quick Start Guide



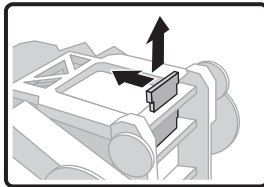
Setup

How to use the Remote Control

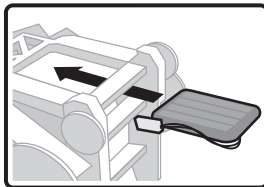
How to Throw a Pass

The robot comes with a 9.6V rechargeable battery pack. This should be fully charged before use. The robot will run best on a level surface like a wood floor or short carpet. The four casters allow the robot to drive over cracks easily.

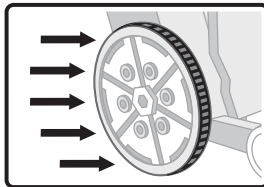
To insert battery: lay robot face-down and remove battery key by pushing it toward the robot's head and then pulling it out.



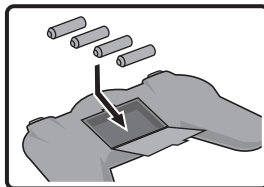
Insert battery with cable arranged to side as shown. Connect battery cable to robot's power cable.



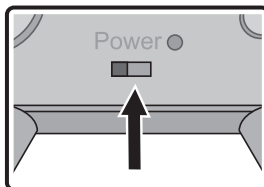
Place the included traction bands onto wheels completely as shown.



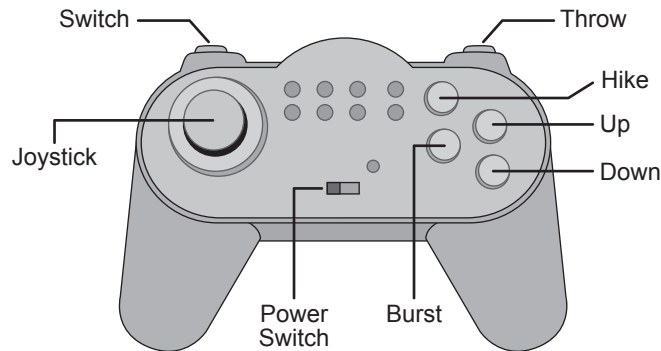
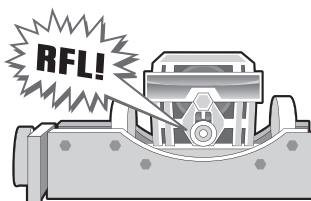
Remote battery insertion: place 4 AAA batteries into the remote compartment on back of remote.



Switch on the remote control's power button. **Don't touch the joystick while turning on the remote.** This will cause the remote (and robot) to malfunction until you turn off/turn on again.

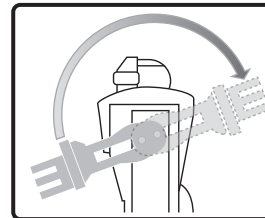


Turn on the robot using the power switch on the robot's back panel. You will see lights come on and the robot will say "RFL".



JOYSTICK - drives the robot forward, backward, and turns. Joystick control is **PROPORTIONAL**. This means the further you push the joystick in one direction, the **FASTER** it goes. Small motions on the joystick get small controlled motions on the robot.

UP and DOWN arm buttons - raises and lowers the non-throwing arm (left side arm). The non-throwing arm will rotate through about 180 degrees.



BURST button - when you hold down this button, the robot drives at BURST speed (about 2x normal speed).

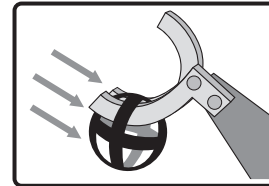
HIKE - used to start a play when using two or more robots (see Advanced Operation section).

THROW - press this key to use the throwing arm. Press, hold, then release to throw. The longer you hold the button down, the longer the throw. A brief touch of the button makes a short throw. Press and hold for 2 seconds and it throws automatically at longest range.

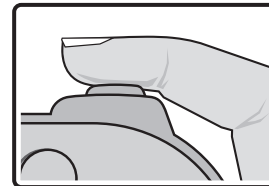
As you hold down the THROW button, LEDs light up on the remote. This shows the power of the throw. The more LEDs that light up, the more powerful the throw.

SWITCH - press this button to change remote control between multiple robots (see Advanced Operation section).

Load the ball onto the throwing hand as shown. Note that the ball fits between the two fingers.



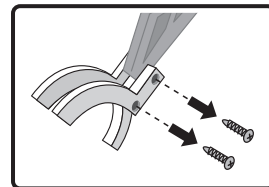
Then just press the THROW button on the remote.



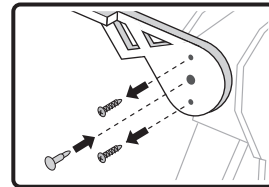
Remember to hold down the throw button longer before releasing to throw farther.

Setting Up the Robot to be a Receiver / Lineman

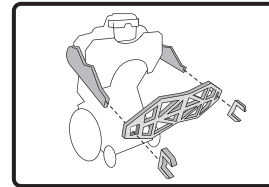
Remove the screws from the QB hand pieces. Remove the hand pieces and store them.



Install the shoulder bolt into the center hole of the robot's right arm, then remove the 2 outside screws. You cannot use the receiver hands if the 2 outside screws are left in.



Slide the claw hands and the receiver plate onto the arms and fasten with screws.



Do not operate the robot if the battery is hot. Allow battery to cool down before operating.

*For notifications about upgrades and accessories for the robot and remote control, go to:
www.Active-Innovations.com
www.RoboticFootballLeague.com*