



Modular Robotic Track System

The RoboTrax XL is the industry's first truly affordable modular robotic track system suitable for a range of applications including University Research, High School and Middle School Educational Programs, remote surveillance and inspection, robotics competitions, and hobby use.

A “Real” Platform for Real World Applications

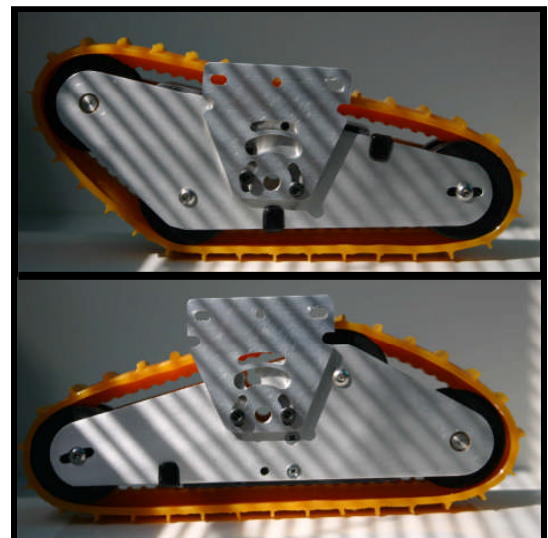
Designed for rapid development and deployment, RoboTrax XL provides a low cost, fast, and efficient way to create a variety of robotic applications. Designed for use on rugged terrain, uneven surfaces, thick rugs or carpeting, and any other environment where wheeled robots fall short, allowing you to focus on what matters the most... developing your application.

Powerful enough for outdoor use, the RoboTrax XL operates on a 9-12V supply while drawing less than 1 Amp per module. Each module can supply up to 55 oz-in of torque providing enough power to maneuver over even the most difficult terrain.

Flexible Mounting Options

RoboTrax XL features a unique, modular mounting bracket arrangement that allows the track unit to be easily mounted to your own custom chassis design. RoboTrax mounting points are symmetrical from side to side so that the unit can be mounted on either the right or left side of the robot chassis using the mounting bracket provided.

Additional mounting options are being developed to address an even larger variety of possibilities. We are always happy to entertain customer requests.



Integrated Wiring Management System

Wiring RoboTrax to your controller is quick and easy. Each RoboTrax module comes pre-wired with connectors installed. The unit provides a total of four wire routing ports for the user to choose from, based on the best wire routing configuration for a particular chassis design.

Jumpstart your Imagination!

What do you want to build today? RoboTrax XL provides the ideal foundation for your next mobile robotic application. Whether you are a researcher, educator, robot enthusiast, or application developer, RoboTrax XL is the place to start.

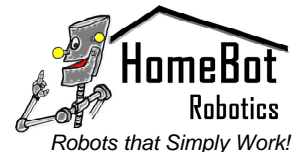
With a RoboTrax XL modular track system, you can have your application up and running in record time!



Technical Specifications:

Size (LxWxH):	7.5" x 1.5" x 2.75" (191 mm x 38.0 mm x 70mm)
Weight:	12.8 oz (364 g)
Operating Temp:	32°F to 120°F (0°C - 50°C)
Operating Voltage:	6-12VDC
Current:	No Load (180mA); Nominal Operating Current (less than 1A); Stall Current (3.5A)
Torque:	57 oz-in
Max. Speed:	up to 38 ft. / min** (payload dependent)
Payload Capacity:	4 lbs per track ** **Test Surface: Smooth, dry concrete
Sound Level:	Less than 85 dbA @ 48"

Technical Specifications subject to change



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