

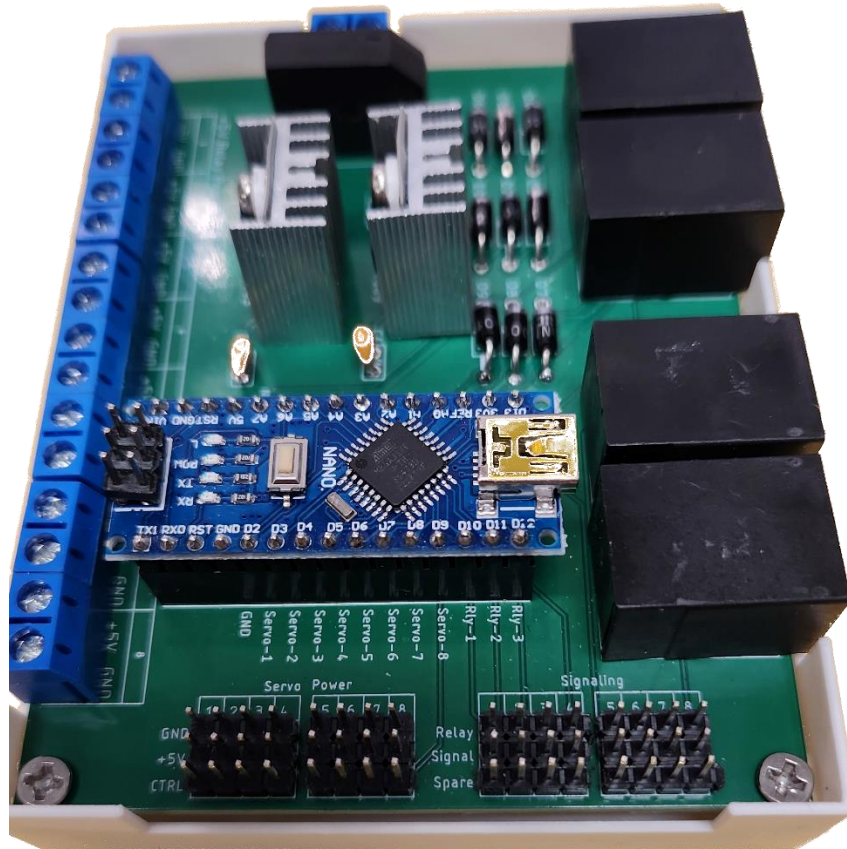
EZTronic HO Turnout Controller

Advanced Technology for Turnout control

Introduction

Welcome to the world of integrated and simplified control for your model railroading turnouts. Our HO turnout Controller is the heart of the system. It comes complete with our custom alignment tool and 2 short CAT5 cables for testing the system. This system utilizes micro servos and customer mounting brackets for accurate alignment and easy installation. The following pages show details about the Controller and its technical specifications





Product Overview

Although small, this product controls up to 8 turnouts and is used in conjunction with either our Pushbutton display or our separate EZTronic keypad and display breakout boards to facilitate custom designs for your layout. Either way, you are getting a complete solution for your layout needs.

Key Features

- Slow motion action: Our solution provides slow motion movement of the turnout very similar to the way real railroads operate.
- Freemo Support: Our controller supports 2 sets of outputs providing the ability to have all of the 8 turnouts controlled from either side of a Freemo table. You can use our regular display push button keypads or you can design your own pushbutton/display solutions using our Breakout boards for pushbuttons and LEDs.
- Simplified Power: Provide a single 12VDC/AC supply and you can expand your layout up to 5 EZTronic controllers for a total of 40 turnouts without the need for any other power supplies

- Goof-proof Installation: With our custom alignment tool you can align each servo bracket precisely where it needs to be installed from either the top or bottom of your layout. No more guessing if you are aligned correctly for smooth and consistent operation.
- Easy wiring: Whether you are installing plastic frogs or metal frogs, all wiring has been thought through and all power is provided by our controller. All servo power and relay power are provided directly from our board.
- Mounting case: Every EZTronic product comes with an easy to mount plastic case. The case provides an easy way to mount the controller and help protect it from accidental damage.
- Durable design: Built to last, our Controller is crafted from high-quality materials to withstand the demands of regular use for years to come.
- Adjustable height: Your layout may use ¼” wood or ½” plywood, or even ¾” wood. Our servo bracket can support three different mounting heights so you get consistent performance at each turnout.

Technical Specifications

- Input Voltage: 12VDC or 12VAC
- Servo power: Provided by the controller
- Relay power: Provided by the controller
- Micro Servo interface: Provided by the EZTronic controller software
- Control Interface: EZTronic simplified wiring interface using (2) CAT-5 cables. No soldering is required whatsoever even when you are installing our Breakout boards for using your own layout design and push button choice
- Dimensions: 4” x 3”
- EZTronic Part Number: EZ-HO-Controller (includes 2 CAT5 cables and custom alignment template)