Controls:

* Tank drive using analog sticks on controller
* Left Bumper – gear manipulator pneumatics (Extend on press, Retract on release)
* Right Bumper – drivetrain gear shifting (High gear while pressed, Low gear when not)

Autonomous:

* Selectable autonomous via Dashboard (1 for Left, 2 for Center, 3 for Right)
* Each mode adjustable for overall speed and step timing

Dashboard:

* Controller deadband adjustable
* Feedback from controller, encoders (though left side is no longer available), and NAVX sensor board.
* Reset “button” available for resetting sensor counts to zero.