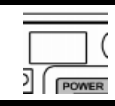
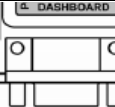

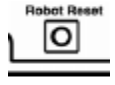


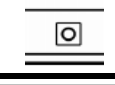


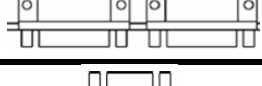

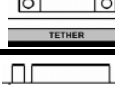
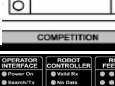
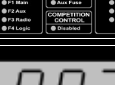



# 2006 FIRST Robotics - Inputs and Outputs

## The Operator Interface - Quick Reference Sheet

Input/Output	Use	Notes	View
<b>Power</b>	Supplies power to the Operator Interface.		
<b>Dashboard</b>	Allows connection to a computer for feedback. It is transmit only.		
<b>Port 1 Port 2</b>	Used for providing user input, such as from a joystick or custom button box.		
<b>Robot Reset</b>	Used to reset the Robot Controller's User Processor remotely.		
<b>Disable</b>	Used to disable buttons on Joysticks connect to Port 1 and Port 3.		
<b>Channel</b>	Used to set the channel that the robot operates on.		
<b>Select</b>	Changes the information on the 4 digit display. Team Number - Channel - Voltage - User Mode.		
<b>Team Number</b>	Used to set the team number. Uses binary equivalent of team number.		
<b>OI Reset</b>	Performs a complete hardware reset of the Operator Interface.		
<b>Port 3 Port 4</b>	Used for providing user input, such as from a joystick or custom button box.		
<b>RS-422 Radio</b>	Used for wireless control of the robot. Connect to the radio thru a cable..		
<b>Tether</b>	Connects the Operator Interface to the Robot Controller. Powers the Operator Interface from the robots battery.		
<b>Competition</b>	Allows control of robot by competition equipment. A competition port adapter can be made to control robot.		
<b>Indicator Lights</b>	Used to display status of various functions on the Operator board and Robot.		
<b>Display Window</b>	Displays team number, channel, robot voltage or mode. Use the Select button to change display.		
<b>Additional Information</b>	<a href="http://www.innovationfirst.org">www.innovationfirst.org</a> - 2005 Operator Interface Reference Guide. <a href="http://www.teamfordfirst.org">www.teamfordfirst.org</a> - Operator Interface Quick Reference Sheet.		