

The Jog Panel will be displayed in the right pane. In this screen, you can use your mouse to select any of the buttons. These buttons allow you access to functions available as Hard Keys on the actual iPendant. You have full control over the Remote iPendant using the buttons at the bottom of the screen.

If you have Remote iPendant option loaded, but now you want to restrict to only Remote Jog in Auto Mode functionality, you can set \$JOG\_IN\_AUTO = 0 and reselect the "Jogging iPendant" link from the HOME page. You will be shown 4D with the BASIC and ADVANCED jog screens. You cannot change the screen.

When you want to allow all iPendant functionality, you can set \$JOG\_IN\_AUTO = 1 and reselect the "Jogging iPendant" link from the HOME page.

## **18.8 REMOTE iPENDANT**

### **18.8.1 Overview**

The Remote iPendant option (R843) provides the following 3 features for HMI devices:

- Monitor iPendant (JECHO)
- Navigate iPendant (JCGTP)
- Jogging iPendant (JITP)

These links are available from the HOME page of the robot. They are similar to other options listed in this appendix, namely "REMOTE MONITORING (ECHO)", "REMOTE OPERATION (CGTP)", and "PC REMOTE iPENDANT (ITP)". The difference is that the HMI links are implemented using JavaScript so they do not require iPendant Controls. Any modern browser on any HMI device should be able to display and connect to the robot using the HMI links.

The following limitations apply to all Remote iPendant links for HMI devices:

- User custom screens that incorporate iPendant Controls cannot be displayed. This will exclude any graphical screens such as 4D, Vision Setup, Icon Editor, Panel Wizard, Interface Panel, PMC display, etc. If your HMI is a Windows PC with Internet Explorer and you have the iPendant Controls installed, then this limitation is removed.
- Popup menus and dialogs are not supported. HMI menus are used for MENU and [TYPE]. Display and Function menus have been rewritten in JavaScript. Other popup menus will use the legacy Teach Pendant style.

The following limitations apply to HMI Jogging iPendant.

- Jogging iPendant is refused when the TP enable key is enabled on the Real iPendant.
- Jogging iPendant is refused when the operation mode is not AUTO mode.

# Control Logix Training Manual

**Austin Scott**

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