

USING THE MANUAL

This manual covers the installation, setup, operation, maintenance, and troubleshooting of the IQ DP-4000. It gives step-by-step instructions for programming the IQ DP-4000 to meet your specific application requirements.

If you are installing the IQ DP-4000 for the first time, you should read and become familiar with the following sections of the manual:

1. Introduction
2. Hardware Description
3. Operator Panel
4. Installation and Startup
5. Programming the IQ DP-4000
6. Maintenance and Troubleshooting Maintenance

If you are replacing an IQ Data Plus II with an IQ DP-4000, you should read and become familiar with the following sections of the manual:

1. Introduction, Section 1.3, Upgrading From the IQ Data Plus II
2. Troubleshooting and Maintenance, Section 6.3. The instructions for removing and replacing the IQ Data Plus II are the same as for removing and replacing the IQ DP-4000.

SAFETY PRECAUTIONS AND LIABILITY INFORMATION

PRELIMINARY COMMENTS AND SAFETY PRECAUTIONS

This Technical Document covers all aspects of installation, operation, and unit-level maintenance of the IQ DP-4000. This document is a guide only for authorized and qualified personnel who select and use the IQ DP-4000. Please refer to the specific Warning and Caution in this section before proceeding. If you require further information regarding a particular installation, application, or maintenance activity, contact your Cutler-Hammer Representative.

Warranty and Liability Information

No warranties, expressed or implied, including warranties of fitness for a particular purpose of merchantability, or warranties arising from course of dealing or usage of trade are made regarding this information, recommendations, and descriptions contained herein. In no event will Cutler-Hammer be responsible to the purchaser or user in contract, in tort (including negligence), strict liability, or otherwise for any special, indirect, incidental, or consequential damage or loss whatsoever, including but not limited to damage or loss of use of equipment plant or power system, cost of capital, loss of power, additional expenses in the use of existing power facilities, or claims against the purchaser or user by its customers resulting from the use of the information and descriptions contained herein.

Safety Precaution

All safety codes, safety standards, and/or regulations must be strictly observed in the installation, operation, and maintenance of this device.

WARNING

THE WARNINGS AND CAUTIONS INCLUDED AS PART OF THE PROCEDURAL STEPS IN THIS DOCUMENT ARE FOR PERSONNEL SAFETY AND PROTECTION OF EQUIPMENT FROM DAMAGE. AN EXAMPLE OF A TYPICAL WARNING LABEL IS SHOWN ABOVE IN REVERSE TYPE TO FAMILIARIZE PERSONNEL WITH THE STYLE OF PRESENTATION. THIS WILL HELP TO ENSURE THAT PERSONNEL ARE ALERT TO WARNINGS WHICH MAY APPEAR THROUGHOUT THE DOCUMENT. IN ADDITION, CAUTIONS ARE ALL UPPER CASE AND BOLDFACED AS SHOWN BELOW.

CAUTION

COMPLETELY READ AND UNDERSTAND THE MATERIAL PRESENTED IN THIS DOCUMENT BEFORE ATTEMPTING TO INSTALL, OPERATE OR USE THE EQUIPMENT. IN ADDITION, ONLY QUALIFIED PERSONS SHOULD BE PERMITTED TO PERFORM ANY WORK ASSOCIATED WITH THE EQUIPMENT. ANY WIRING INSTRUCTIONS PRESENTED IN THIS DOCUMENT MUST BE FOLLOWED PRECISELY. FAILURE TO DO SO COULD CAUSE PERMANENT EQUIPMENT DAMAGE.

Factory Correspondence

Contact the Advanced Product Support Center(APSC) at 1-800-809-2772 if you have any questions about operating or troubleshooting the IQ DP-4000.