

APPLICATION NOTE 803

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Using the PC830 with a Maple Systems Operator Interface Terminal (OIT)

Note: *This application note only applies to PC830 drives with firmware version 1.90 and higher. It also only applies to OITWARE 200 software version 3.09 and higher.*

Introduction

The PC830 servo drive can be interfaced for RS-232/422/485 serial communications with a Maple Systems Terminal. An OIT3185 terminal and OITWARE 200 version 3.09 software were used for the purposes of this application note.

Maple Systems has installation reference manuals for their products which can be consulted for additional information. These may be obtained by contacting Maple Systems at 425-486-4477 or at their website www.maple-systems.com.

Powering the Maple OIT3185 Terminal

Pacific Scientific recommends that you purchase a ready made Maple Terminal power cable from Maple Systems. The cable part number is **6030-0009**. Additional information concerning the power cable interface for the OIT3185 should be referenced in the OIT3185 product manual(s).

Communications Wiring for Configuring the Maple OIT3185 Terminal

Pacific Scientific recommends that you purchase a ready made PC to Maple Terminal cable from Maple Systems. The cable part number is **7431-0096**. Additional information concerning the communications cable interface can be referenced in Technical Note 106 written by Maple Systems as well as the OIT3185 product manual(s).

Once the Maple OIT3185 terminal has been powered and is configured for communications, you are ready to configure the terminal using the Maple Systems OITWARE software package.