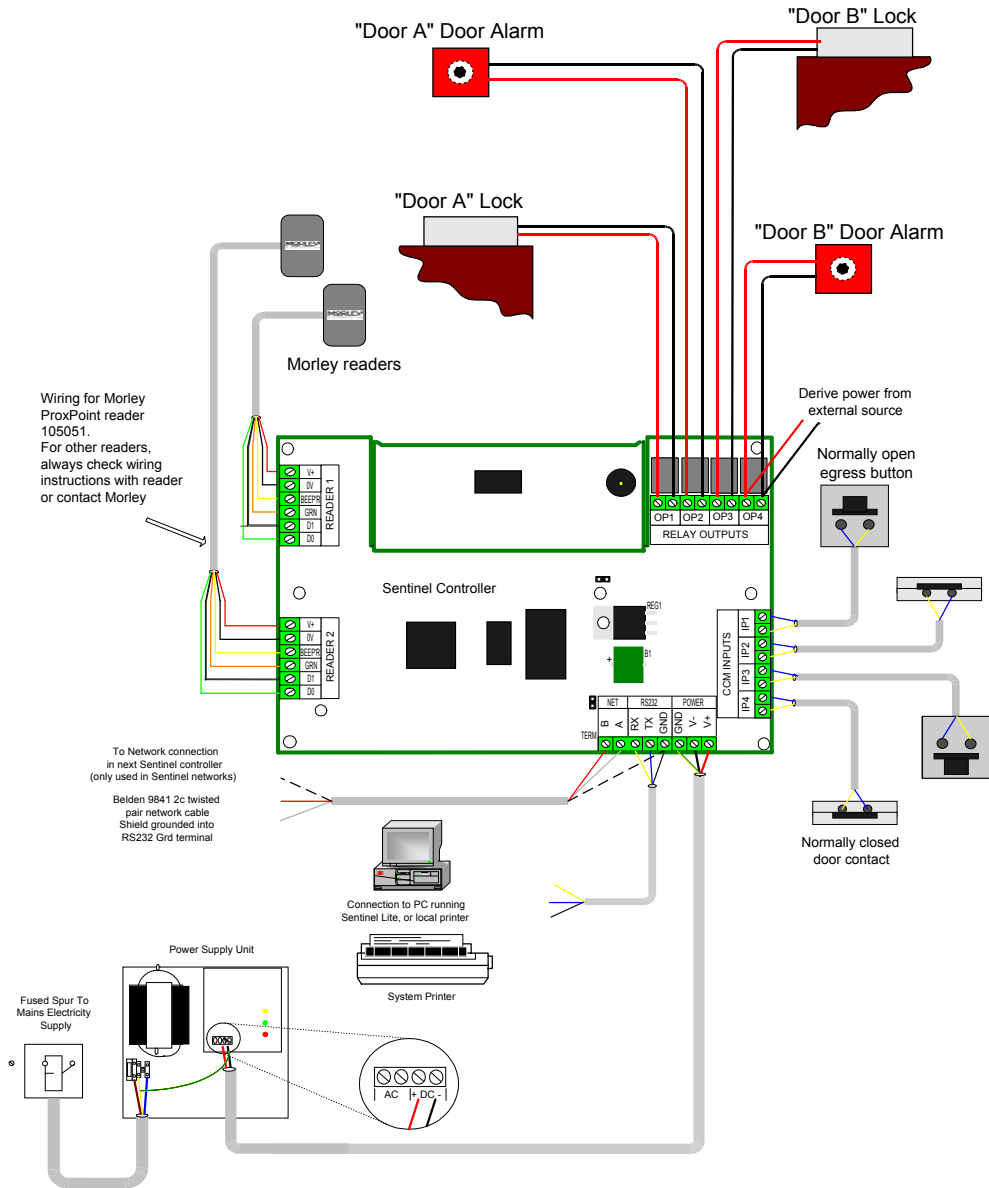


# Stand Alone Sentinel Quick Start Guide

## Introduction

These notes are a short form guide to setting up a Sentinel controller. The guide assumes the wiring has been completed (see diagram below). For a fuller coverage and explanation of functions, refer to the Sentinel installation and operational manual. For details of cable types recommended, see the final page of the guide



## Controller to PC/Printer connections

25-Way D-Type Connector	9-Way D-Type Connector	Sentinel RS232 Connector
2	3	RX
3	2	TX
7	5	GND

# Quick Start Commissioning Notes

## *Single controller installations*

1. **Power up the controller;** the display shows the controller firmware revision, with an intermittent audible tone and flashing LED's on the readers. After this period the display reverts to its pre-program (default) status.
2. **Enter the default passcode '9876' and select "PR07" from the menu to set the reader technology.** The default setting is "01" for Morley readers. Set to "00" when using PAC readers. The chosen reader technology applies to both readers on the controller. When in networked mode the reader technology must be common to all controllers on each network. (Note that when using Sentinel Lite software, it is possible to connect networks with different technologies to the same PC.)
3. **Select "PR10" and press 'Enter' to set the day and time.** The menu calls for the day, numbered 1 to 7 with 1 being a Sunday and 7 a Saturday. The menu then calls for the time in 24-hour clock format. Enter the time using the keypad and the programme returns to the "PR10" display.
4. **The Sentinel controller is now ready for operation** and adding cards. There are 4 clean contact inputs (no volts), which are by default set to activate the corresponding 4 outputs (again volt free). Both inputs and outputs are normally open; although the state of the inputs and outputs can be changed quickly, see the manual for further details.
5. For all other programming options and functions, refer to the Sentinel manual.

## *Additional notes for commissioning a Networked Sentinel system*

In addition to the above commissioning notes;

6. **Select "PR05" from the menu and press 'Ent' to set the network address.** The controller will search for other controllers on a network and return its present network address. In a new controller and/or network the controller will return a display of "Ad00" indicating the controller is operating in its default stand alone mode. To set the controller for use within a network, enter a number for the controller, with "Ad01" being a Master controller (*1 per network, and if using Sentinel Lite, the controller to which the PC is connected*) and 2-16 being slave controllers. If a number entered is already present on the controller network, the entry will be rejected and the display will show the default "Ad00".

### **Programme Menu Short Form List**

- PR01 – Add token (enter card number)
- PR02 – Delete token (enter card number)
- PR03 – Set master token
- PR04 – Change Passcode
- PR05 – Set network address
- PR06 – Reset controller
- PR07 – Set reader technology
- PR08 – Configure inputs
- PR09 – Configure outputs
- PR10 – Set day and time
- PR11 – Set 5/7 day reader override
- PR12 – Select card user profile
- PR13 – Configure card user profile
- PR14 – Set remote system modem number (Master controller only)

*For all other queries about the installation and/or operation of the Sentinel system, refer to the Sentinel user and installation manual. If you have any further queries or need additional information, contact Morley Electronics Ltd.*