# *Premier OP8*
# Installation Instructions

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## Introduction

The *Premier OP8* module provides 8 programmable switched −ve outputs, each rated at 100mA. The module can be used with the following control panels:

- Premier 24 (V7.00 onwards)
- Premier 88 (V7.10 onwards)
- Premier 640 (V7.00 onwards)
- Premier 48 (V7.10 onwards)
- Premier 168 (V7.10 onwards)

## PCB Layout and Connections

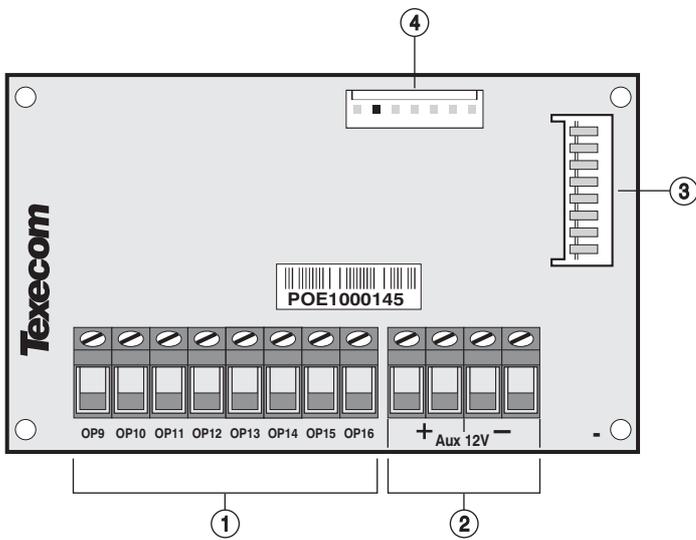The figure below shows the PCB layout of the *Premier OP8*:



**Figure 1. *Premier OP8* PCB Layout**

① Output connections OP9 − OP16.

② Auxiliary 12V (500mA Max.) protected by electronic fuse.

③ Plug-on connection (*Premier 24* only).

④ Harness connection (Premier 48/88/168/640 only).

## Installation - *Premier 24*

When connected to the *Premier 24* control panel, OP9 - OP16 are assigned to "Panel Outputs" 9 - 16. Always ensure that all power is removed from the control panel before installing the *Premier OP8*.

**1)** Push the four support pillars (supplied) into the four locating holes on the control panel PCB (see Figure 2).

**2)** Align the *Premier OP8* connector with the 8 way plug (JP5) on the control panel. Push the PCB into place, ensuring that all four pillars clip into the four locating holes on the *Premier OP8*.
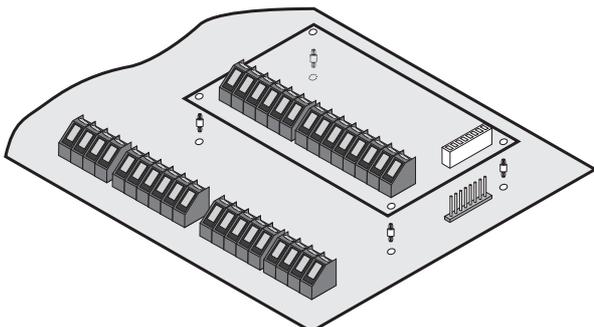


**Figure 2. *Premier 24 Installation***

**3)** Connect the output connections OP9 - OP16 as required.

**4)** Once you have installed the *Premier OP8* and connected the outputs as required, the system can be powered up. The system will then need to be programmed correctly in order for the module to function as expected.

**5)** Select the "Engineer's program" menu.

**6)** From the main menu select the "System Outputs" menu, and then select the "Panel Outputs" menu. Program panel outputs 9 to 16 as required, please refer to the *Premier 24* Installation Manual.

## Installation - *Premier 48/88/168/640*

When connected to the *Premier 48/88/168/640* control panel, OP9 - OP16 are assigned to "RedCARE Pins" 1 - 8. Always ensure that all power is removed from the control panel before installing the *Premier OP8*.

**1)** Fix the *Premier OP8* (see Figure 3) to the base of the control panel using four self adhesive feet supplied with the unit.

**2)** Plug one end of the control lead "A" (see Figure 2) onto JP7 of the *Premier OP8* and the other end onto JP7 of the *Premier 48/88/168* or JP9 if installing on a *Premier 640*.
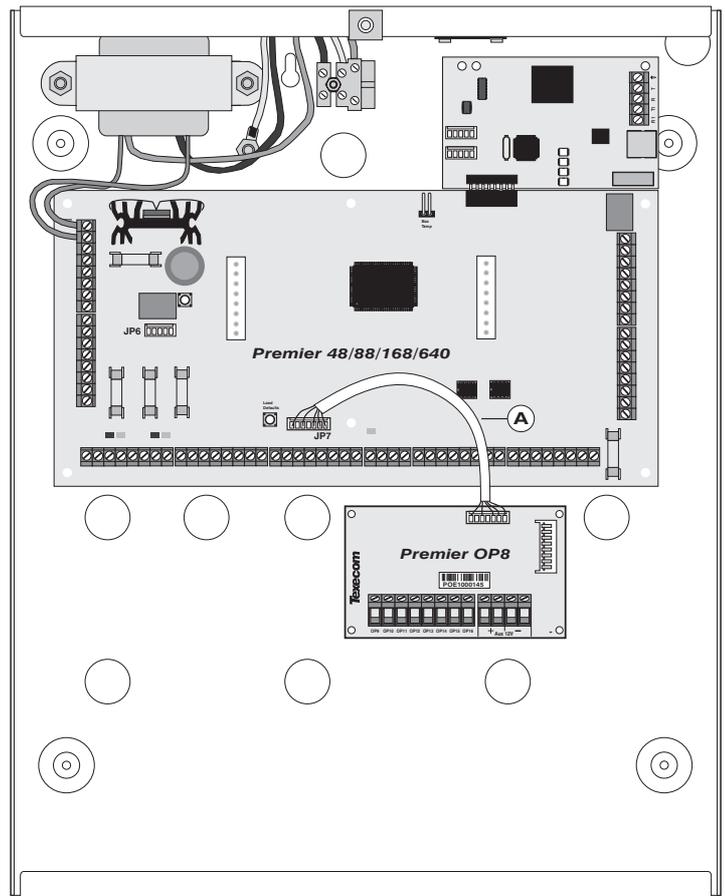


**Figure 3. *Premier 48/88/168/640 Installation***

**3)** Connect the output connections OP9 − OP16 as required.

**4)** Once you have installed the *Premier OP8* and connected the outputs as required, the system can be powered up. The system will then need to be programmed correctly in order for the module to function as expected.

**5)** Select the "Engineer's program" menu.

**6)** Select the "UDL/Digi Options" menu, and then select the "Com Port Setup" menu. The Expansion Port must be programmed as "Premier OP8".

**7)** From the main menu select the "System Outputs" menu, and then select the "RedCARE Pins" menu. Program RedCARE pins 1 to 8 as required, please refer to the *Premier 48/88/168/640* Installation Manual.

## Specifications

**Electrical**

| | |
|---|---|
| Supply: | 9 to 14VDC |
| Current Consumption: | 45mA |
| Outputs: | 8 x switched –ve @100mA |

**Fuses**

| | |
|---|---|
| Aux 12V (F1): | 500mA (PTC electronic fuse) |

**Environmental**

| | |
|---|---|
| Operating Temperature: | -10°C to +55°C |
| Maximum Humidity: | 95% non-condensing |

**Physical**

| | |
|---|---|
| Dimensions: | 83mm x 50mm x 14mm |
| Packed Weight: | 100g |

## Warranty

All Texecom products are designed for reliable, trouble free operation. Quality is carefully monitored by extensive computerised testing. As a result the *Premier OP8* is covered by a two-year warranty against defects in materials or workmanship.

## Standards

The *Premier OP8* conforms to European Union (EU) Low Voltage Directive (LVD) 73/23/EEC (amended by 93/68/EEC) and Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

$$\mathsf{C}\mathsf{E}$$

The CE mark indicates that this product complies with the European requirements for safety, health, environment and customer protection.

This product is suitable for use in systems designed to comply with PD 6662: 2004 (prEN 50131-1: 2004) at Grade 3 and Environmental Class II.