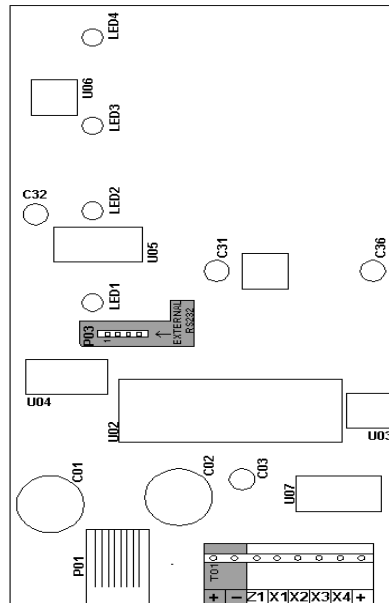


RS232 Connection

CONCEPT 3000 / CONCEPT ACCESS 4000 ONLY

The 5 way connector interface cable should be connected to P03 on the GSM Modem. The red/black flying leads must be connected to +ve and -ve on the connector pins using the supplied terminal blocks. Care should be taken to observe the polarity of the connector at P03 or communications will not be established. Damage may result from failure to observe correct orientation of the RS232 connection. (refer to diagram below). **Note: Connection MUST be 2400 baud.**



CONCEPT GSM Modem P/No: 994090

INSTALLATION MANUAL

Introduction

The GSM Modem is used in conjunction with Model 3000/Access 4000 systems to provide a pathway for alarm transmissions via the GSM network and to provide SMS control functions and SMS reporting. Connection is via RS232 cable (included) to an available UART port (4port UART 993068; 2port UART 9906066; 1port UART 996065) - not included. **Note: Port 0 connection is not supported.**

Specifications

Power Supply Input:	11V to 14V DC
Operational Current:	Typical: 100mA
Physical dimensions:	Height: 72mm
	Width: 118mm
	Depth: 238mm

Installation environment: 0° - 40° C @ 15% to 85% Relative humidity (non-condensing)

Concept products are designed & manufactured in Australia by Inner Range.

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Due to on-going product development this manual is subject to change without notice.

ir inner range Pty. Ltd.

ACN 007 103 933

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Part No: 634090

Installing the GSM Modem.

GSM Modem Parts List

GSM Modem Assembly.
Antenna with integrated cable and connector.
Antenna bracket.
Bag containing 2x tamper switches; 4x spade lugs; 1x 8way terminal block;
4x cover mounting screws.
Programming Information.
Beta Firmware Document.
WDirect Software.
Beta Controller 3000/4000 Firmware.
Installation Manual. (This document)

Mounting the Unit

Installation environment should be maintained at a temperature of 0° to 40° Celsius and 15% to 85% Relative humidity (non-condensing)

Enclosure physical dimensions: Length:	238mm
Width:	118mm
Depth:	72mm

1. The GSM Modem is supplied in the plastic utility enclosure which can be mounted in a convenient location using fasteners through the four mounting holes in the base.
2. The "Normally Closed" Base and Lid tamper switches should be fitted to the enclosure before it is mounted, and are wired into an available zone input on any module. (Switch is Open cct when plunger depressed)
3. The GSM Modem contains an RF transceiver. You should be aware of any restrictions of the placement of RF transceivers in your location. This is your responsibility.

Programming

Please consult the Comms Task - GSM Modem section of your Programming Applications and Reference Manual for details on programming the GSM Modem.