

COMPAC



MADE TO MEASURE

RAS

(Remote Authorisation Station)

Installation Instructions

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1 Installation

Refer to the site drawings for details regarding hazardous areas

If possible, install the RAS in a sheltered position. The cabinet is weatherproof for most practical purposes but protection of the electronic components against extreme weather conditions - e.g. wind driven torrential downpours - cannot be guaranteed.

Also if possible install out of direct sunlight to avoid raising the temperature inside the RAS cabinet more than necessary.

2 Mounting the RAS on a post

If a post is part of the installation:

Remove the 4 nuts, flat, spring, and captive washers from the mounting plate.

Place the RAS cabinet on top of the post.

Use the Compac supplied 4 bolt mounting plate to secure the RAS to the post

Note: Any unused holes in the bottom of the RAS cabinet must be blanked. No open holes in the bottom of the RAS cabinet are permitted.

3 Electrical

Gland the Mains and Comms SWA cables up through the post into the 20mm holes provided in the bottom of the RAS cabinet.

3.1 Cable requirements

- **Power:** 3 Core Steel Wire Armour Cable 2.5mm². 230 Volts, 10A, 50 Hz
- **Comms:** 2 Core Steel Wire Armour Cable 1.5mm². (The combined lengths of the comms cables including comms cables to other Compac dispensers should not exceed 100 metres.)

3.2 Connecting the 230V Mains

Connect the incoming mains as follows:

Phase to the terminal marked 'PH'

Neutral to the terminal marked 'N'

Earth to the busbar at the bottom of the cabinet

Ensure perspex cover is refitted after cables are connected.

3.3 Connecting the Comms cable

Connect the comms cable to the terminals on the DIN rail mounted connectors marked R and B (Red and Black)

Comms from the RAS are connected in PARALLEL with the other Compac pump comms (ie as a standard pump).

3.4 Comms Lightning Protection (if fitted)

If lightning protection is fitted on the comms, connect the comms cable directly into terminals marked LINE. Match up the colours at the other end of the lightning protection unit

4 Setting up the RAS in the Compac Controller

The Compac Controller recognises the RAS by the special product grade that is assigned to it. Otherwise it is set up as a standard one product pump.
Refer to the C4000 and Communicator Controller Master Manuals for set up procedures.

1. Set up the required pump number in the RAS
2. Set up the same pump number in the Communicator Controller
3. Assign a unique group number to the RAS (any number between 1 and 20 that is not already in use.
4. Assign grade '22' to the group. (appears as "Auth" on the display when set)

5 Setting up the C4000 in the RAS

The C4000 configuration codes 'b' and 'C' are set at Compac and should not be changed. In the event of them being lost and having to be re-entered, they should be set as follows on the K factor switch:

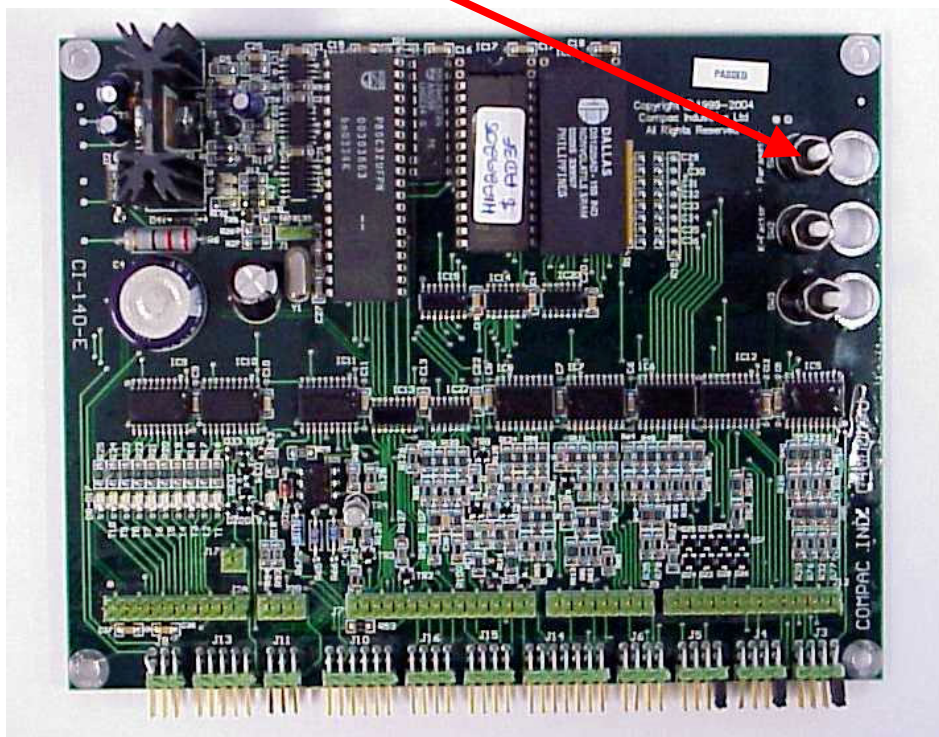
'b' configuration = 0000

'C' configuration = 00301 (Receipt Printer fitted) or 00001 (NO Receipt Printer)

5.1 Setting the Pump Number

Press and release the Parameter switch on the C4000 Micro Processor Board until the message 'Pn' will appear on the display on the inside of the RAS cabinet. The number displayed is the pump number. Press and hold the parameter switch and the processor will roll the displayed number until the switch is released. The value of the displayed number will then be stored as the RAS pump number.

Parameter Switch



6 Operation

The following sequence of commands appears on the display

- 'PASS CARD' Insert the card smoothly as far as it will go with the magnetic strip uppermost on the left hand side – Card is read as it is inserted.
(The user may be prompted for an odometer reading - up to 7 digits)
- 'ENTER PUMP NUMBER '
- 'TAKE FUEL'
- Swipe card again after refueling to obtain receipt
- Follow instructions on display

7 Maintenance and changing paper

Instructions for replacing the Receipt Printer paper and clearing paper jams are on the printer cover inside the door.

Ensure that the correct water-resistant thermal printer paper is used.

Contact Compac sales (03) 9322-4300 to purchase paper.

Clean card-reader periodically with the cleaning card provided- Insert as for a normal card

8 Error messages

If "Receipt Unavailable" appears on the display, check the following

1. Ensure that the engaging lever is fully home in the correct position – Refer to the drawing on the printer assembly
2. Press the paper feed button and advance the paper
3. Check for loose plugs on the Receipt Printer wiring loom

Error Code	Fault	Action
<i>Err 3</i>	No pump number set.	Set pump number.
<i>Err 10</i>	Configuration Lost	Reconfigure C4000
<i>Err 12</i>	C4000 memory failure.	Change memory DS1225 IC18