



DC8 User Manual



Important Installation Information

It is the purchasers' responsibility to determine the suitability of this equipment and its derivatives for any given application. To assist in this, a System Design certificate is provided at the back of this manual (see Annex A), which declares the system's intended purpose, its compliance with specific standards, and lists any applicable variations.

This system must only be installed after a thorough site survey has been performed, and only after the site survey report has been signed off to the satisfaction of both installer and purchaser.

Good working practice dictates that a suitable system installation log must be generated, together with a record of the dates when the system has been manually checked, (with the aid of signal strength meters etc.) enabling the system performance to be compared with the original installation data. The relevant data should be entered in the Log by the installer both at time of installation and following any subsequent site visits.

The supply of this equipment is governed by our standard terms and conditions of sale, which can be found on the reverse of all order acknowledgements*, pro forma invoices*, delivery notes, price lists and invoices. Alternatively, these can be provided on request.

* Faxed pro forma invoices and quotations refer to "conditions available upon request".

Important Safety Information

Scope products are designed to operate safely when installed and used according to general safety practices. The following requirements should be observed at all times.

Do NOT subject this equipment to:

- Severe Mechanical shock
- Excessive humidity or moisture
- Extremes of temperature
- Corrosive liquids

This equipment is designed for indoor use, unless expressly stated otherwise, and must not be used in classified Hazardous Areas, including areas containing explosive or flammable vapours, unless express authorisation has been given in writing by the manufacturer. If in doubt, consult your local product dealer for further information.

Only use a damp cloth for cleaning (not liquid or aerosol-based cleaners), and ensure that any power is removed from the unit prior to beginning the cleaning operation.

Opening of access doors and removal of covers from the equipment must only be undertaken by authorised service personnel, who should ensure that power is isolated prior to commencing any maintenance work.

Installation

Installation must only be undertaken by an Approved contractor, who shall ensure that all work is carried out in compliance with National Wiring Regulations and the relevant parts of BS 5839-1: 2017. In all cases, installation may only take place after a full radio site survey has been performed to the satisfaction of all parties. The installer shall issue Installation, Commissioning and Acceptance certificates to the purchaser, for completion by the Installer and (where applicable) the purchaser.

Liability

Scope does not accept liability for any damage or injury, howsoever caused as the result of misuse of this equipment. It is the responsibility of the user to ensure that the equipment is operated in the manner for which it was intended and that it is the correct item of equipment for the required task.

Warranty

This product is warranted as free from defects of workmanship and materials for a period of one year from the original purchase date. During this time, if there is a defect or malfunction of this product, Scope will, with proof of purchase, repair or replace at its discretion any defective parts, free of charge. This does not include where the adjustments, parts and repair are necessary due to circumstances beyond the control of Scope, including but not limited to fire or other casualty, accident, neglect, abuse, abnormal use or battery leakage damage.

WARNING ! No User Serviceable Parts

Caution! Risk of electric shock, do not open.

Alteration or modification to any part of this equipment, without the prior written consent of the manufacturer will invalidate all manufacturer approvals and warranties. No adjustments can be undertaken except by qualified persons as authorised by Scope.

Hereby, the manufacturer Scope Communications UK Ltd declares that the equipment type: Dc8, is in compliance with ROHS Directive 2015/863/EU.

The full text of the EU Declaration of Conformity is available at the following internet address:

www.scope-uk.com/technical/doc/DC8.pdf

or from Scope at: Quantum House, Steamer Quay, Totnes, TQ9 5AL United Kingdom.



Do not discard. At end of life this equipment must be sent to an authorised waste treatment centre.
Contact Scope at the above address for further details.



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This option must be specified at time of ordering, along with the pre-programmed messages required.

The purchaser should also order the dry contact interface box (Part Code: DC8) for ease of connection to the contact terminals (see below Diagram).

Warning! Voltages applied to any of these contacts will cause irreparable damage!

This unit can support up to 8 dry (voltage-free) contacts on PL1, which, when shorted to ground, will send a pre-programmed message to a particular pager address which could be to an individual, a sub group/s or all pager operatives at the same time on a group call.

These messages are pre-programmed and can only be changed by qualified service personnel. See conx programming instructions if required.

The trigger time required to send a message must be greater than 1 second.

As a default, Scope program as a default dry contact one with a repeat time of 10 seconds (Minimum active) and the rest of the contacts are disabled (repeat time = 0 seconds).

This is helpful for site surveys, range testing & fault finding to prove if the scope system can still transmit if you cannot get an output from a panel to page.

A range test message will page every ten seconds when triggered and held in the state of trigger. The maximum time you can set a repeat is 2550 Seconds or 42 ½ minutes.

You can also program to trigger, normally closed triggered by an open & Trigger on change (But please be aware a false trigger can then put the class change out of sync so therefore is not recommended).

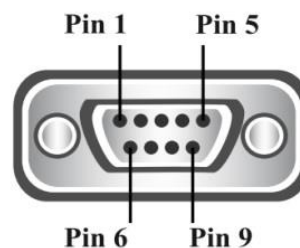
The maximum number of characters for your message, you can enter is 69 (This includes spaces and symbols).

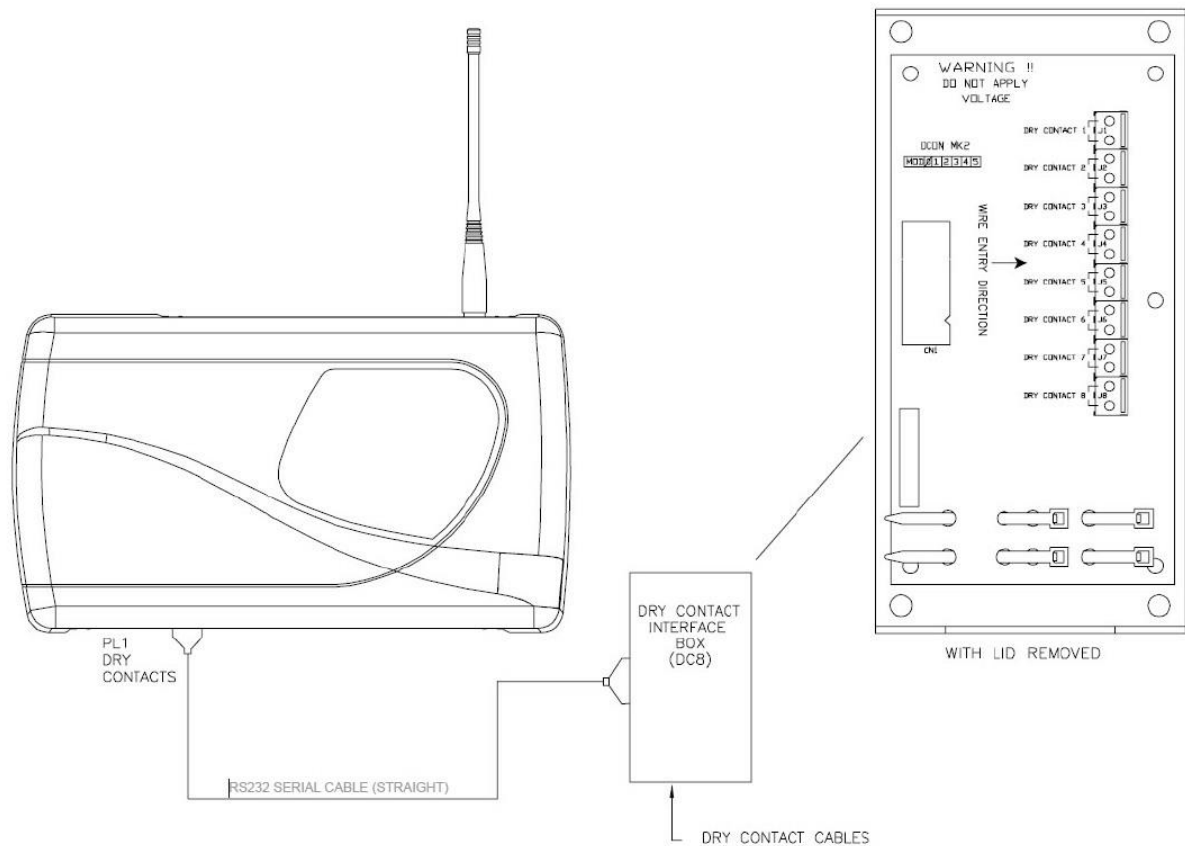
Important: We normally do not recommend feeds of more than 15 metres for standard applications. However, if any further advice is needed or technical manuals, Please call our Technical Support Department on 01803 860720 or support@scope-uk.com

For customers who wish to connect directly to PL1, the pinout arrangement on the 9 way D plug is shown below:

PL1, 9 way D	Plug Dry Contact No.
1	1
2	3
3	5
4	7
6	2
7	4
8	6
9	8
5	GROUND

RS232 Pinout (9 Pin Male)





Changes or modifications not expressly approved by the Manufacturer could void the user's authority to operate the equipment.

Alteration or modification to any part of this equipment, without the prior written consent of the manufacturer, will invalidate all Approvals and Warranties attaching to the equipment. Further liability for the operation of the equipment, under the applicable law, will pass to the user, who will absolve the manufacturer of any further responsibility for its correct operation and use.

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