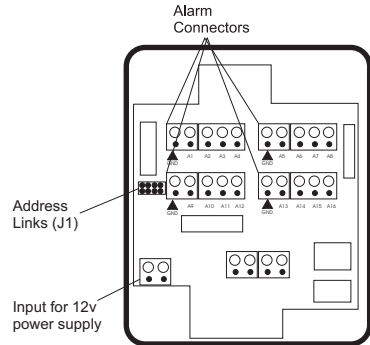


## Key to Alarm Module.



## Assigning the Address Links (J1).

Refer to the following table when changing the address of the c-bus alarm module from the default address of 96. (See relevant multiplexer manual for more details).

A	B	C	D	Address
0	0	0	0	096
0	0	0	1	097
0	0	1	0	098
0	0	1	1	099
0	1	0	0	100
0	1	0	1	101
0	1	1	0	102
0	1	1	1	103
1	0	0	0	104
1	0	0	1	105
1	0	1	0	106
1	0	1	1	107
1	1	0	0	108
1	1	0	1	109
1	1	1	0	110
1	1	1	1	111

A  
 B i.e in this example,  
 C the address is set  
 D to 100

## Installation

The alarm connectors provided are screw type and are removable to provide ease of wiring external to the unit.

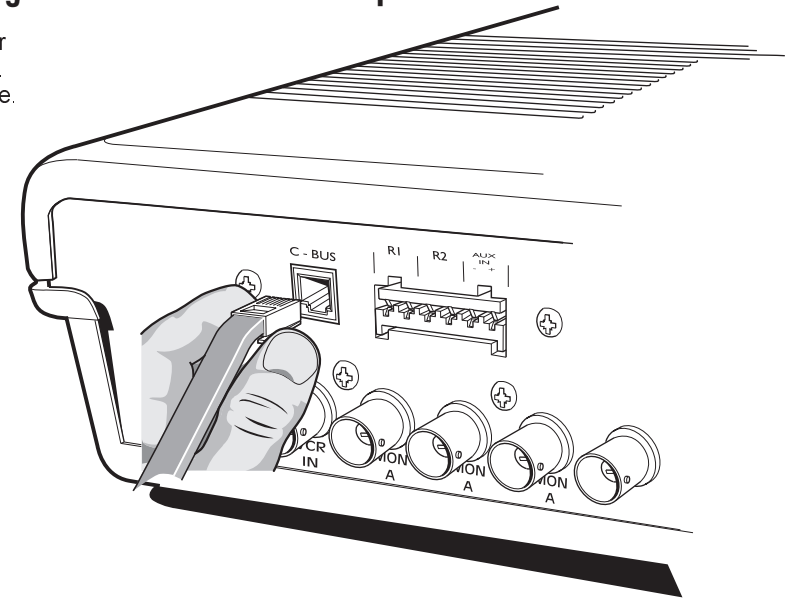
When all connections have been made, the connectors simply plug onto the board to complete the wiring of your alarms.

Each block of connectors is provided with its own ground if required.

## Connecting Alarm Module to the Multiplexer

Connection of the alarm module to the multiplexer is via the c-bus connector as detailed on the right. The alarm module is supplied with a 3 metre cable.

If an alarm module is fitted to the system that exceeds this length a 12v external supply is required to power the alarm module



## Technical Specification.

**Dimensions** 125mm (L)  
85mm (W)  
58mm (H)

**Weight** 231g

**Lead Length** 3 metres approx  
2 RJ Type connectors for c-bus  
4 Screw Type connections for Grade 5 cable

### For High Specification c-bus installations:

Total cable length up to 1500 metres  
Cable Type to be UTP grade 5 data cable  
For noisy environments use screened data cable  
(When screened cable is used it is important to take the screen to ground at one location only, maintaining the continuity of the screen throughout the c-bus cable).  
Controlled wiring configuration which is a looping in and out of each c-bus module. These include using the c-bus terminations at both ends of the c-bus.

### For Low Specification c-bus installations:

Total cable length less than 350 metres  
Cable Type to be low grade, e.g. four core 2 pair BT Type.  
Uncontrolled wiring configuration, e.g. Star/Snub

## General Description.

c-bus is a common communications platform for Dedicated Micros' "Next Generation" multiplexers. c-bus provides a flexible base upon which to build your professional CCTV system, whether you require the services of one or up to sixteen multiplexers.\* Today's interconnection is simple and tomorrow's expansion plans are easily accommodated. The c-bus project also brings many new and exciting accessories designed specifically to simplify your installation wiring or to enhance your commissioning, servicing or technical support issues. This alarm module is one of these accessories, its features are detailed below.

## Alarm Module Features.

The Alarm Module takes inputs from up to 16 external alarm devices (NO/NC) type operation, conveying any activation immediately onto the related multiplexer.

If the system cabling doesn't facilitate single point termination, several alarm modules can be run on the c-bus, picking up smaller external alarm contact groups.

## CAUTION!

The user is advised to read and to take notice of the following cautions:

DO NOT expose the module to rain or moisture, as this may cause a fire or electric shock.

DO NOT drop the module or expose it to other shocks or vibrations as this may result in damage to the module.

Refer all servicing to qualified personnel.

Read all instructions in this manual before attempting to set up or operate the module.

## Components check list

Alarm Module.   
Owners Guide for Setup and Operation. (This manual).   
Connection cable.

\*Using the Uniplex professional range of multiplexers. (Series 1 & 2, DXPro).

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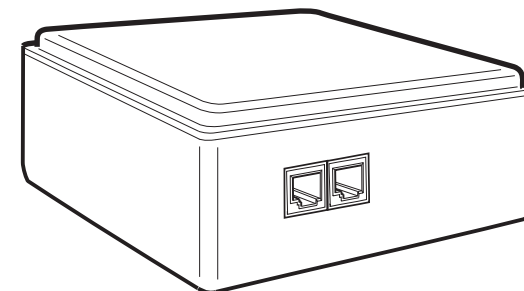
**BSIA**  
THE BRITISH SECURITY  
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PRODUCT DOCUMENTATION

**DEDICATED MICROS**

## c-bus Alarm Module

## Owners Guide for Setup & Operation



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