



redcare

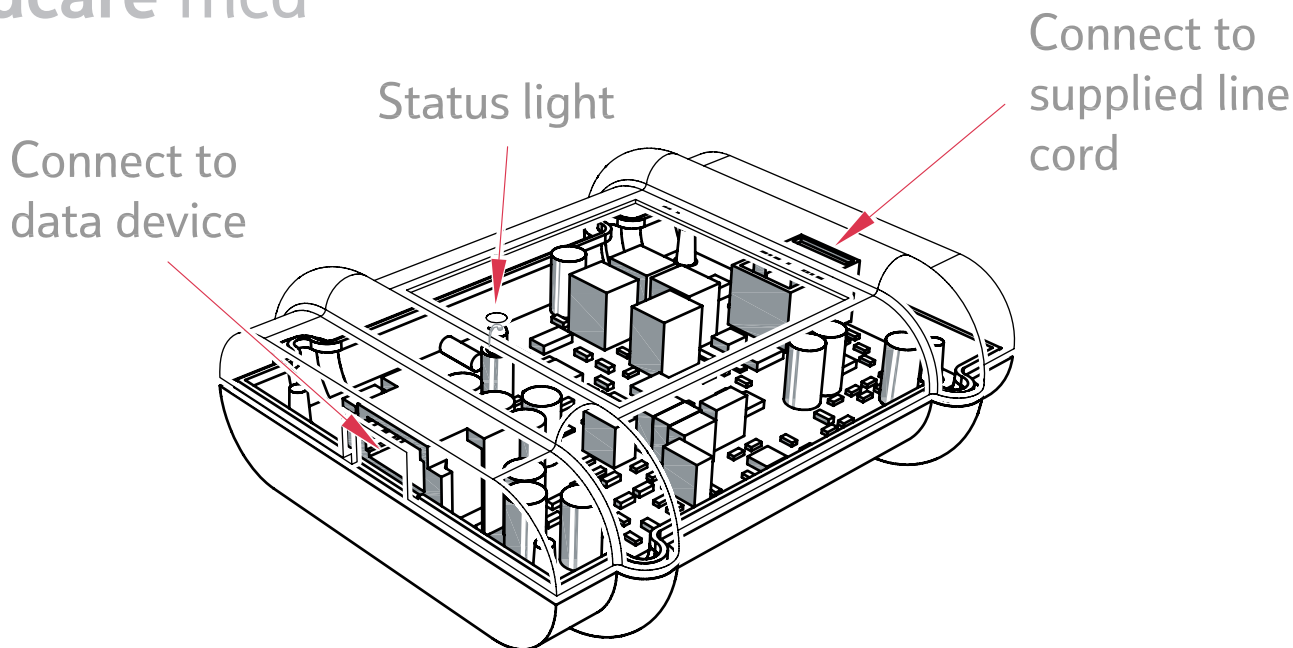
mcd

The **redcare modem compatibility device (mcd)** allows end-users to connect **redcare** alarm monitoring to data applications such as PCs, EPOS, PDQ machines, credit card machines, Digital set top boxes or fax machines – all over the same BT analogue line/broadband line. Connection of a **redcare mcd** may cause a slight reduction in the internet connection speed.

Key benefits and features

- **redcare** can be connected to analogue telephone lines that are also used for fax or data services – no need for dedicated or additional alarm lines.
- The **redcare mcd** is an easy to install plug-and-play solution that requires no specialised knowledge to install.
- The **redcare mcd** makes it possible to connect more than one data device through a single **redcare mcd** (where practical) using a telephone socket doubler.

redcare mcd



Brief Specification

- i) Filter insertion loss 300Hz to 3KHz <1.5dB
Filter insertion loss 150Hz to 300Hz <3.5dB
Low tone attenuation to modem side >26dB. 37dB typ.
Low tone level drop to exchange side 10dB typ.
DC Voltage drop across filter FET 4.5V typ.
- ii) Modem cut off time after low tone dropped:
4.3 minutes typ.
4.5 minutes max.
- iii) On hook current from line <200uA
Off hook current (in addition to line equipment) <10mA
Off hook detection level >15mA
- iv) Ring Equivalence Number (REN) 0.5
- v) Warranty period :
15 months (from the month end of the date of purchase).

Installation and Testing

- Insert the small plug on the supplied line cord into the MCD socket marked "LINE".
- Insert the BT plug on the supplied line cord into the telephone wall socket.
- Insert the BT plug of the data device into the MCD socket marked "MODEM".
- Use the data device and observe the Status Light on the MCD, described below:

Status Light Indications

Light OFF

Normal state when the phone line is not being used. (If the light does not come on or flash whilst you are trying to make a call, there may be a problem with the MCD or the line cords connected to it.)

Light ON continuously

Normal state when the phone line is being used. (The light remains on continuously when you use the line to make any type of call.)

Light FLASHING rapidly

The MCD has detected a possible fault with the alarm system. (You should have your alarm system checked by your system supplier.)

Light FLASHING every few seconds

The data device has been disconnected because **redcare** has to send an alarm signal. (Do not attempt to use it again for five minutes, as all connection attempts will fail until this period of time has elapsed to allow alarm transmission to clear, between the monitoring centre and your property.)

redcare mcd can be purchased directly from **BT redcare** sales order processing team on: 08702 400 503.
For further technical information you can contact the **BT redcare** helpdesk on: 0800 671 240.