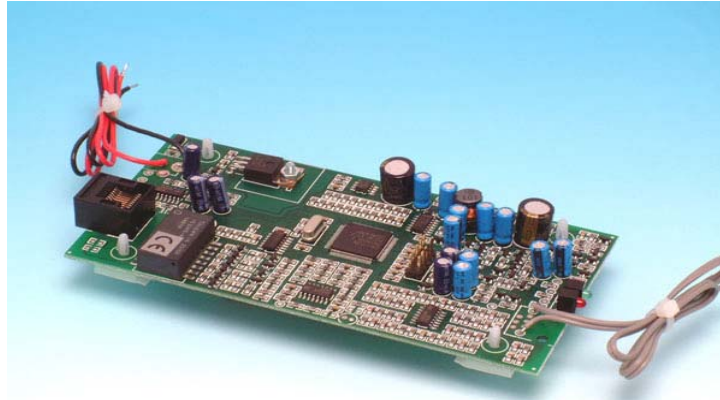


CONNECT 101 ISDN to ANALOGUE ADAPTER



The **Connect 101** is an analogue adapter for ISDN designed for alarm applications to give an easy-to-use and cost effective way of connecting existing alarm panels, diallers etc. to ISDN lines.

The **Connect 101** makes it possible to connect the alarm panel to ISDN without any changes being required in either the alarm system or the central monitoring system.

The **Connect 101** has special features for alarm applications:

- Line Snatch can guarantee alarms calls get through even when other devices on the ISDN line have calls active.
- Line Failure Detect communicates ISDN line failure to the alarm panel.

Equally well the **Connect 101** can also be used to allow any existing analogue devices (phone/fax/answerphone) to share an ISDN line.

Some Features & Benefits from the Connect 101 . . .

- Simple to install and use (designed for non-technical users) – ‘plug & play’.
- Integral power input wires connect directly to alarm battery supply.
- Standard ISDN interface socket (RJ45) with cable provided.
- Standard analogue interface socket (RJ11) with cable provided.
- Self adhesive feet for rapid and flexible mounting within an alarm panel.
- Special Line Failure Detection feature indicates line failure to alarm system.
- Unique Line Snatch feature to ensure an outgoing alarm call can be made for the alarm application even if both channels on the ISDN line are busy.
- Compatible with all other ISDN devices – allows sharing of the ISDN line.
- LEDs to indicate line synchronization, and alarm panel hook switch status.
- Multiple Subscriber Numbering (MSN) directs incoming calls to any one of ten different devices.
- Analogue Caller Display (CLID), auto-dial and auto-answer from specific calling number can also be enabled if required.



Connect 101 Adapter

Product Ordering Information

Product	Description	Order Code
Connect 101	ISDN analogue adapter for alarm systems	Connect 101

Retail Package

Dimensions	Weight
170mm x 100 mm x 50 mm	0.15 Kg

Content

1 x Connect 101 1 x 2m ISDN cable with RJ45 plugs (connects Connect 101 to ISDN wall box) 1 x 2m POTS cable with RJ11 plugs (connects Connect 101 to alarm system) 1 x Instruction sheet

Product Dimensions

140mm x 70mm x 20mm

Warranty

1 Year

Connect 101 Specification

ISDN Interface

Basic Rate 2B+D, Q.921, Q.931 Euro (ETSI) compliant	✓
'S' bus compatible	✓
RJ45 socket with cable provided	✓
Operation on Point-Multipoint and Point-Point line configurations	✓

Analogue Interface

2 x wire interfaces via RJ11 socket	✓
50V feed at 32mA	✓
Ringling voltage 80V P-P to REN4 for incoming voice calls	✓
Off hook detection with network dial-tone to analogue device	✓
DTMF tone recognition for dialling outgoing calls	✓
Multiple Subscriber Numbering support	✓
Auto-dial and auto-answer	✓
Calling number (CLI) validation	✓
Analogue Caller Display (CLID)	✓

User Interface

Indicators for ISDN line status, Analogue device off-hook status	✓
Easy to use – all configuration performed via * commands on analogue port	✓

Special Features for Alarm Systems

Line Snatch to enable outgoing calls even when both ISDN channels are busy	✓
ISDN Line Failure Indication on analogue port	✓

Call Routing

Set up for its own unique telephone number to share ISDN line, e.g. alarm 23455, telephone 23456, fax 23457, etc.

Power Requirements

Input Voltage	9V – 14V DC
Current (typical, at 12V)	100mA (alarm on hook) 130mA (alarm off hook)