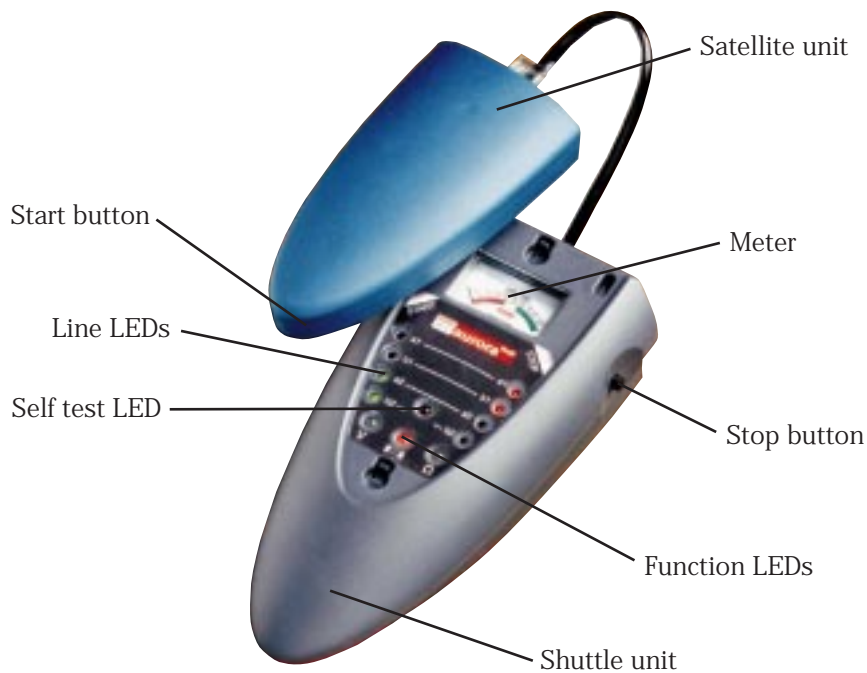


Trend aurora^{Profi}

ISDN Basic Rate S-Bus Wiring Tester

Testing S-Bus wiring is simple and quick. . .



The aurora^{Profi} can:

- ◆ pay for itself the first time it is used by saving wasted time looking for wiring errors
- ◆ physically test the pairs of an installed ISDN S-Bus with or without feed supply and without removing terminating resistors
- ◆ prove an S-Bus wiring installation before installing equipment
- ◆ make testing a rapid and simple task using the Automatic Test Cycle

With the rapid deployment of ISDN Basic Rate services and equipment, allied to the fact that it is possible to connect up to 8 terminal devices to the Basic Rate S-Bus, it is critical to ensure that the associated wiring and outlets are correctly installed.

It is also vital to check the availability of 'Phantom Power' from the Basic Rate Network Termination unit and the correct installation of termination resistors.

The aurora^{Profi} with its "Automatic Test Cycle" makes testing all these aspects of the S-Bus wiring rapid and simple – providing all the information you need.

'Automatic Test Cycle' steps:

Step 1: Self Test

- ◆ Tests operation of LEDs
- ◆ Checks battery condition

Step 2: S-Bus Supply Voltage

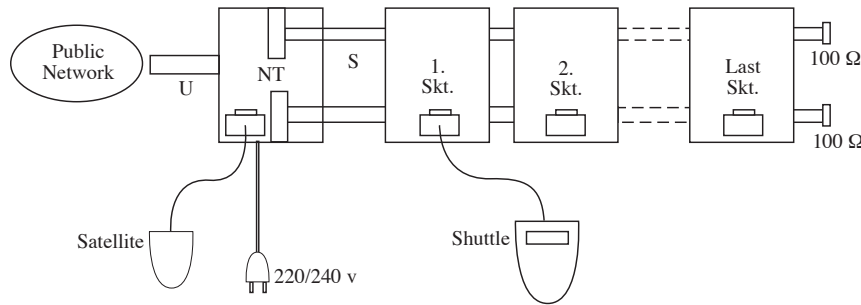
- ◆ Measurement and display of the S-Bus feed voltage
- ◆ Detection of a short-circuit or wire-break

Step 3: Resistance Measurement

- ◆ Measurement and display of terminating resistor values
- ◆ Determining incorrect resistor values
- ◆ Identifying incorrectly installed resistors
- ◆ Detecting short circuits

Step 4: Detection of Crossed and Broken Wires

- ◆ Detecting all possible crossed wire combinations
- ◆ Detecting interchanged wires in a line-pair
- ◆ Diagnosis of up to two line-breaks



Typical S-Bus wiring installation.

The aurora^{Profi} comprises a Shuttle unit with an internal 1.5 V battery, a Satellite unit and two RJ45 cables to connect the Shuttle and the Satellite to the ISDN S-Bus sockets.



Technical data

Tests:	Detection of crossed, short and open wires. Measurement and display of S-bus feed voltage. Measurement and display of terminating resistor values.
Connectors:	RJ45 sockets.
Max. permitted voltage measurement:	100 V
Battery:	1.5 V (Type AA)
Operating life:	12 hours max. (continuous use)
Dimensions:	Shuttle 90 (w) x 180 (l) x 55 (d) Satellite 62 (w) x 118 (l) x 28 (d)
Weight:	Shuttle 267 gms incl. battery Satellite 72 gms
Temperature:	Operational; 0 c to 50 c Storage; -25 c to 75 c
Standard equipment:	Shuttle unit, Satellite unit, two RJ45 to RJ45 cables, handbook, 1.5 V battery.
Options:	Carry Case.

Trend Distributor

Trend Communications reserve the right to change this specification without prior notice.

To arrange a demonstration or to obtain more information on Trend test products please contact your nearest Trend representative.

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