



20 AUG 1997
**X21 SYNC MODEM
ELIMINATOR.
MODEL ME970-R2**



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**CUSTOMER
SUPPORT
INFORMATION**

Call our Technical Support Specialists to discuss your application.
For technical support: Call (0118) 951 2233 or Fax: (0118) 931 1727
To order: Call (0118) 965 5100
Black Box Catalogue Ltd, 15 Cradock Road, Reading, Berks. RG2 0JT

1. GENERAL DESCRIPTION

This unit enables the direct connection of two synchronous devices having the CCITT X.21 (V11) interface. Four data speeds are selectable by front panel switches.

The full duplex connection is identical in both directions which means that the unit may be connected either way round in a circuit without affecting its operation. This means both interface connectors are identical.

2. USE

Set the data speed to one of the four values 48, 56, 64 or 128 kbps by operating the correct front panel switch as shown in the diagram on page 2. The LED marked E indicates that one of the four switches is operated.

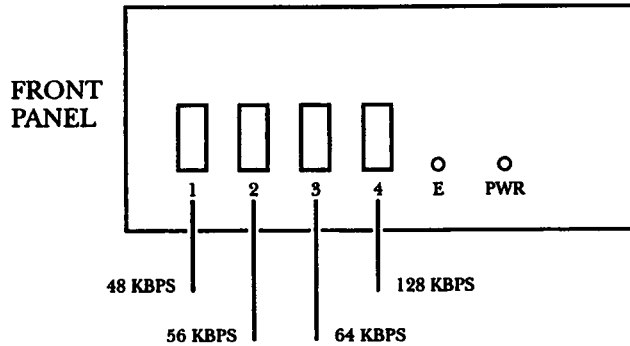
Connect the unit to a suitable mains supply. This must be of voltage as shown on the PSU supplied.

3. MAINTENANCE

Any maintenance should only be carried out by suitably trained staff or by returning the unit to Black Box Catalogue.

In order to comply with the E C Directives for Electromagnetic Compatibility it is essential that all data cables connected to this product are screened and of approved quality, and that the screens be correctly bonded to the system ground of the installation.

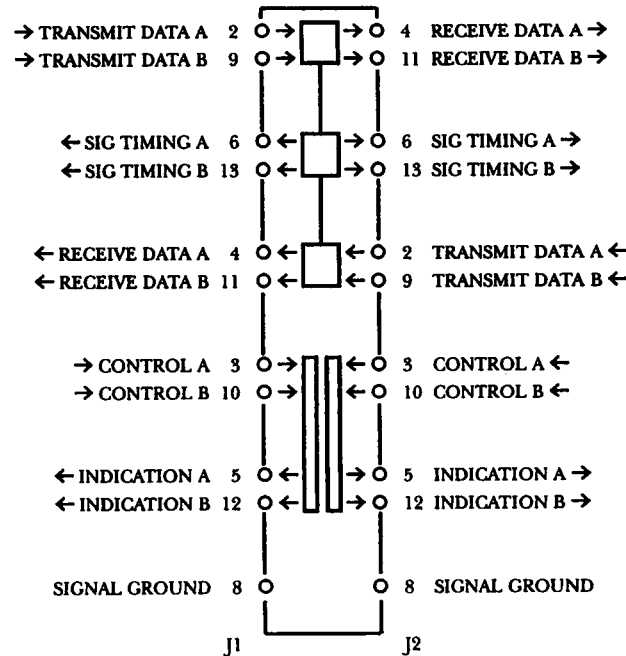
4. FRONT PANEL LAYOUT



IMPORTANT

ONLY DEPRESS THE SWITCH FOR THE SPEED REQUIRED. DEPRESSING MORE THAN ONE SWITCH WILL NOT HARM THE UNIT.

5. BLOCK DIAGRAM SHOWING INTERFACE CONNECTORS J1 AND J2



6. SPECIFICATION

Weight: Unit 0.6kg
Plug-mounted PSU 0.5kg

Dimensions: 130mm wide x 150mm deep x 60mm high

Mains supply: 230 VAC + - 10%
50 HZ 6 VA
Other voltages available to special order.

Ambient temperature: 0 to 40 degrees C

Relative humidity: 5 to 95 % non condensing

Connectors: Two DB15S female

Interface: X21 (V11)

Speed: 48, 56, 64, 128 Kbps

We reserve the right to change the specifications, performance, and circuitry of the product without notice.