DT200A
232 Monitor Plus
Status: Available

FUNCTIONAL NOTES:

The DT200A 232 Monitor Plus is a hand-held, portable Tester used to monitor RS232 data between two devices. The devices can run async or sync. This device can be configured for the parameters of the two devices, or if you don't know their parameters, the tester can autoconfigure itself by sampling the data from each device. This device can also be controlled remotely by a PC or terminal that emulates ANSI. Start/Stop triggers can be defined to tell the tester when to begin or end capturing data. There is also a PC-compatible parallel printer port to connect to a Centronics Printer. The supplied cable must be used when connecting to a printer.

Included with the tester is a 3 foot DB25 "Y" Cable, Remote Adapter, AC/DC Power Adapter, and a Breakout Box.

This device is not required to have any FCC registration label. The DT200A meets Class A certification. If a user runs into an interface problem, it is the user's responsibility to stop using the equipment and correct the problem. We are not required by the FCC to correct the problem.

When using the remote capability of the DT200A to control the unit from a remote device, be sure to use the remote adapter supplied with the DT200A (if not, the unit could be damaged). Access is done from an ASCI terminal or a PC running a communications package that will emulate an ASCI terminal. If the customer has any trouble, make sure the function keys are defined to send the codes as listed in the appendix of the manual.

The buffer listed has 128K of storage. The buffer is actually segmented into 3 parts with each part having a storage capacity of 42K. So if a customer is capturing data, they will have 42K for the TD line, 42K for the RD line, and 42K for the handshake signals. This is how the total of 124K is achieved.

There is also an internal lithium battery in this unit used to power a non-volatile memory that stores configuration parameters with a 3 year charge life.

PACKAGE INCLUDES:

1. Test Set.
2. Remote Adapter,DB25 Male to DB25 female
3. 4ft. universal serial cable with a Male and Female DB25 at each end.
4. AC/DC Power Adapter.
5. 102 LED Breakout Box.
6. (1) set of jumper wires (2) four pin and (6) 2 pin.
7. 9 Volt battery clip with leads for driving signals High or Low.
8. (2) low profile DB9 to DB25 adapters.
9. Manual

PRODUCT SPECIFICATIONS:

Physical	
Weight	1.4 lb. (0.6 kg.)
Dimensions	1.4'H x 9.3"W x 5.5"D (3.6H x 23.6W x 14D cm.)
Connectors	1 DB25 Male and 2 DB25 Female
Leads Monitored	
LED Type	LCD Display--8 Rows of 30/40 Characters
Patching Voltage Source	6 Single, 2 Four-Pin Daisychain for the 102 LED Breakout Box
Interface Type	
Marketing	
MTBF	60,000 Hours
Power Source	
Power Source	External
Power Source	Battery
Input Voltage	9 Volt Battery or Wall Transformer
Battery Life	Approximately 10 Hours
Special Product Cross Reference	PS102
Literature	
Manual Available?	
Manual Name	
Manual Date	3/92
Schematic Vendor Name	
Schematic Available?	
Schematic Non-Disclosure Required?	
Schematic Date	
Additional Schematic Requirements	
Literature Comments	