

TM602 TRIPLE STANDARD MODEM

The TM602 is a Triple V21,V22,V23 auto-dial, auto-answer Modem.

FULL MULTI-SPEED OPERATION

V21 - 300/300 bps full duplex. One of the most commonly used baud rates for use with traditional ASCII text services, including most Packet-switched Networks and bulletin board systems.

V22 - 1200/1200 bps full duplex. Probably the most general purpose standard, combining fast data transmission rates in both directions with a high level of data integrity. V22 is particularly suitable for use with electronic mail services, private company mini and main frame computers or for file transfer between two computers. Access can be direct, across a PSTN via a PABX from a suitable extension socket or using the PSS or similar service.

V23 - 1200 bps receive/75 bps transmit. The standard baud rate used by terminals or microcomputers with suitable software to access a viewdata/videotext service, whether it is a public system such as British Telecom's Prestel service or a private viewdata service.

V23 - 75 bps receive/1200 bps transmit. Mainly used at a host end application, this configuration would be coupled with the Tm602's auto-answer ability.

V23 - 1200/1200 bps half-duplex. This speed is mainly used for file transfer between two points. The facility allows a micro with suitable software and a Tm602 to communicate with many other modems at 1200/1200 bps providing their half-duplex operation is controlled by software in their micro.

The modem line baud rates are selected by adding the appropriate command to the telephone dial string and is independent of the RS232 rate. The Tm602 is an Asynchronous modem.

INTERFACE TO MICRO/TERMINAL AND TELEPHONE

The modem has a 25way D type female connector conforming to RS232C and V28. The modem communicates with it's terminal/micro at 1200/1200 or if DRS is set 300/300 baud. The parity required online is set on the micro/terminal. The Tm602 can be connected to any conventional line with a standard BT600 series connector, for traditional pulse (loop disconnect) dialling and with a setting command for modern multi-frequency (tone) dialling.



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