Universal Data Systems
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2440
DATA MODEM

INTRODUCTION

Universal Data Systems model 2440 is a CCITT V.22 bis compatible 2400 bits per second (bps) error control modem. The modem provides full duplex operation over the Public Switched Telephone Network (PSTN) or over 2-wire leased lines. It transmits 2400/1200 bps asynchronous or synchronous data or 0 to 300 bps asynchronous data and automatically adjusts to the speed of the calling modem. The DTE speed and parity may be set independently to tht of the origintating modem's.

The 2440 includes MNP Class 5 error control for error-free data communications. For user convenience the 2440 features auto dial with "AT" command set compatibility and auto answer for unattended operation. The unit strap options and configurations are controlled through the ten character LCD and/or the DTE interface. Three 33-digit phone numbers as well as an option setup configuration may be stored in the model's non-volatile memory. Call progress can be monitored via the built-in speaker as well as status messages on the LCD and DTE.

Six integral test modes provide aid in system diagnostics. Included are: Analog Loopback, Local Digital Loopback, Remote Digital Loopback, Self Test, Analog Loopback Self Test and Remote Digital Loopback Self Test. The model is available as a standalone or as a plug-in card for the Universal Data Shelf™.

FEATURES

- CCITT V.22 bis, CCITT V.22, Bell 212A and Bell 103J compatible
- Synchronous and asynchronous operation
- Operates over PSTN or 2-wire leased lines
- MNP Class 5 error control
- Auto dial and answer
- "AT" command set compatible
- Call progress detection
- TALK/DATA control of telset
- Speaker
- DTE rates from 110 to 9600 bps
- Integral test features

SPECIFICATIONS

Data Rates: CCITT V.22 bis, 2400 bps; CCITT V.22, 1200 bps; Bell 212A, 1200 bps; Bell 103J, 300 bps

Operation: Full duplex over PSTN or 2-wire leased lines

Mechanical: Width 7.0 inches; Length 9.6 inches; Height 2.2 inches

Environmental: 0 to 50°C, 95% humidity, non-condensing

Power Requirements: 115 VAC, 50-60 Hz, 10 Watts maximum

MOTOROLA INC.