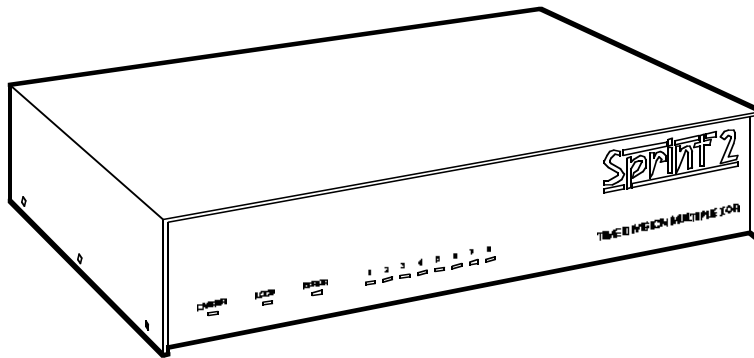# Sprint 2 Time-Division Multiplexor

Connect up to 8 data streams with one leased line.

Key Features

▶ *Link rates up to 64 Kbps.*

▶ *Up to 8 RS-232 data channels.*

▶ *Operates in both synchronous and asynchronous environments.*

▶ *Choose from RS-232, V.35, and X.21 models in both 4- and 8-port models.*

▶ *Transparent to data.*

Technically Speaking

The four- or eight-channel Sprint 2 Time-Division Multiplexor offers users voice and data integration over 56- or 64-Kbps digital links.

Both local and remote units may be configured from one end of the link using a terminal or PC running terminal-emulation software.

The data channels will support synchronous and asynchronous data rates of up to 28.8 Kbps.

The composite link has a plug-in selectable interface which must be specified at the time of ordering the equipment. You can select the composite data rate in increments of 800 bps from 4.8 Kbps to 64 Kbps. This provides the most efficient use of data bandwidth.

Sprint 2 TDM throughput is easy to calculate. The overhead for composite rates above 32.8 Kbps is 1600 bps. For rates below 32.8 Kbps, the overhead is halved.

At all link rates, this device has a delay of only 12 ms. The Sprint 2 TDM also samples and transmits the RTS and DTR signals from all four or eight channels approximately every 230 ms via the configuration bytes.

For these and other components...
Call our expert Technical Support Staff for all your Modem and Accessory needs. They'll help you find the best equipment for your application.

Specifications

Clocking — Internal and external

Diagnostics — Power-up self-test, local and remote loopbacks for both channel and composite

Operation — Sync or async

Speed — Composite: 4.8 to 64 Kbps in 800-bps increments; Channel: Async/Sync: 1.2 to 28.8 Kbps

Interface — Composite: RS-232/V.24, V.35, or X.21 (depending on model); Channel: RS-232/V.24

Connectors — Channel: DB25 female; Composite: DB15 female; Supervisory: DB25 female

Power — 115–230 VAC, 60–50 Hz

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME		ORDER CODE
Sprint 2 Time-Division Multiplexor		
RS-232 Composite	4-Port	MXU9012
	8-Port	MXU9013
V.35 Composite	4-Port	MXU9014
	8-Port	MXU9015
X.21 Composite	4-Port	MXU9010
	8-Port	MXU9011