

# Xpert/XLite Modem 8080-0005-1B



## The 8080-0005-1B is a voice & data communications telephone modem

for Sutron's Xpert and XLite dataloggers. (The 8080-0005-2 is a special version designed to interface to a King Radio). The 8080-0005-1B enhances standard modem features WITH ADDITIONAL SUTRON POWER-SAVING CAPABILITIES. And, Xpert and XLite dataloggers RS232 com ports allow direct powering of the modem from dataloggers!

### Features

- Xpert/XLite allow programming of unit in various languages for transmission by voice modem\*
- RS232 interface, baud rate up to 115,200 communications
- Voice playback and record
- DTMF decode
- -40°C to +60°C extended operating temperature
- V.42, MNP 2-4 and 10-EC error correction
- V.42bis, and MNP-5 data compression
- Auto power up on ring with 60 second timer.
- The NIFC version of this modem includes an interface between an Xpert (or XLite) and a King Radio. It is not designed for connection to a telephone line.

\*Countries Supported: Australia, Austria, Belgium, Brazil, Canada, China, Denmark, Finland, France, Germany, Hong Kong, India, Ireland, Italy, Japan, Korea, Malaysia, Mexico, Netherlands, Norway, Poland, Portugal, Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, UK, US and TBR21 Generic

### Agency Approvals

- FCC part 68
- IC CS03

### Auto Power On Mode

Modem enters power-down mode when DTR is low. In this mode, power is turned off to the modem, conserving the 120mA that would otherwise be used. When a ring is detected, full modem power is automatically turned on (apprx. 2.5 sec.). Modem will answer phone on next ring.

### Specifications

Specifications subject to change without notice

- RS232 interface, baud rate up to 115,200
- V.34, 33.6 kbps data sending and receiving
- Voice playback and record
- DTMF decode
- -40°C to +60°C extended operating temperature
- V.42, MNP 2-4 and 10-EC error correction
- V.42bis, and MNP-5 data compression

NOTE: The Xpert can be configured to supply power out pin 9 of the DB-9 interface.

RATINGS @ 25° C - PARAMETER	MIN	MAX	UNITS
Tip / Ring Current Continuous	0	120	mA
Dielectric Withstanding Voltage	-	1500	VRMS
Operating Temperature	-40	+60	° C
Voltage Requirement	4.75	16.0	V
Power Consumption	-	880	mW
Transmit & Receive Level	-10 (Tx)	-43 (Rx)	dbm

### Ordering

- 8080-0005-1B Xpert/XLite Modem
- 8080-0005-2 Xpert/XLite Modem w/King Radio interface



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