

830™ ACOUSTIC MODEM

ATARI®



The **ATARI® Modem** enables the user of an Atari Personal Computer System to set up communications over standard telephone lines. It is a stand-alone, acoustically coupled frequency shift keying (FSK) modem. Used with the ATARI 850™ Interface Module, it can send and receive at up to 300-baud. The **ATARI 830 Modem** is fully compatible with the Bell 103/113 series of modems. This allows access to data bases for weather, transportation schedules, entertainment events, stock quotes, news releases, electronic mail and communications with other types of computers and computer peripherals, including time share services.

THE ATARI® 830™ Acoustic Modem

The **ATARI 830 Modem** is a stand-alone, acoustically coupled, frequency shift keying (FSK) modem. When used with the ATARI 850™ Interface Module, the **ATARI 830 Modem** will allow communications by ATARI 400™ or ATARI 800™ Personal Computer Systems over standard telephone lines.

"Modem" stands for "modulator-demodulator". The modulator converts the data you input on your ATARI Personal Computer System into signals that can be sent over the telephone lines. The demodulator converts the signal back into data that can be read by the ATARI Personal Computer.

Communication speed is measured by a unit called bits per second (bps). The **ATARI 830 Modem** operates at rates up to 300 bps. Since one character (letter, digit, etc.) is represented by 10 bits, the **ATARI 830 Modem** can communicate up to 30 characters per second.

Because the **ATARI 830 Modem** can operate in either "originate" or "answer" mode, communications are possible with both originate-only or answer-only modems. The **ATARI 830 Modem** can also be switched from half-duplex to full-duplex operation. A special test mode to verify that the **ATARI 830 Modem** is operational is included.

The **ATARI 830 Modem** is powered by a UL-listed low voltage wall plug-in AC power supply (included), which eliminates dangerous high voltages within the unit.

The universal standard for communications between computers and computer-related equipment is the EIA-RS232C standard. The **ATARI 830 Modem** has an EIA-RS232C interface, and is fully compatible with the Bell 103/113 series of modems, the most widely available kind of modem in the world. This compatibility allows your ATARI 400 or ATARI 800 Personal Computer System to "talk", not only with other ATARI 400 or ATARI 800 Computer Systems, but other types of computer systems and computer-related equipment as well, such as time-share systems, wire services, teletype, etc.

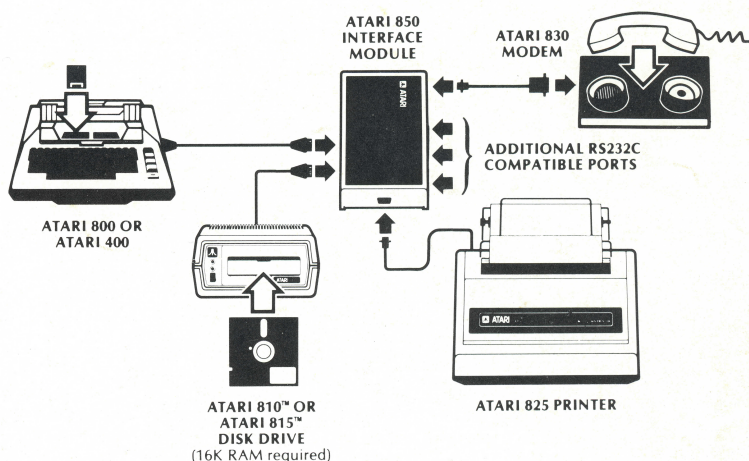
SPECIFICATIONS:

- **CONTROLS**
 - FULL: sets full-duplex operation
 - TEST: sets up audio self-test
 - HALF: sets up half-duplex operation
 - ANS: sets answer mode
 - OFF: turns **ATARI 830 Modem** power off
 - ORIG: sets originate mode
- **TRANSMITTER FREQUENCIES**
 - Originate: mark, 1270-Hz; space, 1070-KHz
 - Answer: mark, 2225-Hz; space, 2025-Hz
- **RECEIVE FREQUENCIES**
 - Originate: mark, 2225-Hz; space, 2025-Hz
 - Answer: mark, 1270-Hz; space, 1070-Hz
- **RECEIVE SENSITIVITY:** -50dBm
- **INDICATORS**
 - POWER: LED shows power ON/OFF
 - READY: LED shows ready to communicate
- **POWER:** UL approved power adaptor included. 120 VAC.
- **ELECTRICAL REQUIREMENTS**
 - UL-listed wall mount transformer on a six foot cord (included). • Interface/Modem cable (part no. CX87) included. This cable connects the **ATARI 830 Acoustic Modem** to the ATARI 850™ Interface Module.
- **DIMENSIONS:** 10.2"x 4.7"x 2.3", weight: 1.5 pounds
- **OPERATIONAL ENVIRONMENT**
 - 32 to 122 degrees (F) or 0 to 50 degrees (C) in 10 to 90 per-cent relative humidity.
- **STORAGE ENVIRONMENT**
 - 40 to 140 degrees (F) or -40 to 60 degrees (C) in 10 to 90 percent relative humidity.
- **WARRANTY:** 90 days parts and labor.
- **SERVICE:** Available at ATARI authorized service locations.

ACCESSORIES

ATARI TeleLink™ I cartridge, CXL4015
Modem Power Supply, CA016751-01 (included)
Interface/Modem Cable, CX87 (included)

For use with the ATARI 400 or ATARI 800 Personal Computer Systems, the user must connect the ATARI 830 Modem through the ATARI 850 Interface Module (sold separately). The ATARI 850 Interface Module has four EIA RS232C compatible ports, I/O port for connection to the ATARI Personal Computer System, and a parallel port for connection to the ATARI 825™ Printer.



All product illustrations and specifications are based on authorized information. Although all descriptions are believed correct at publication approval, accuracy cannot be guaranteed. Some of the equipment shown on the product illustrations is optional at extra cost. ATARI Personal Computer Division reserves the right to make changes from time to time, without notice or obligation, in prices, specifications, colors and materials, and to change or discontinue models.

PERSONAL
COMPUTER
SYSTEMS

1265 Borregas Ave. Dept. C, Sunnyvale, California 94086
Call toll-free 800-538-8547 (In Calif. 800-672-1404) for the name of
your nearest ATARI retailer.

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