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AppleFax Modem: Specifications (Discontinued) (8/94)

Revised: 8/30/94
Security: Everyone

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TOPIC -----

This article provides specifications on the AppleFax Modem.

DISCUSSION -----

- General

Microprocessor	- 65C112
Timing	- 1.8432 MHz
ROM	- 32k x 8
RAM	- 8k x 8
Modem Type	- R96 Fax compatible chip set
Modulation	- Quadrature Amplitude Modulation (QAM)
	- Frequency Shift Key (FSK)
	- Amplitude Modulation (AM)
	- Single SideBand (SSB)
Receiver Level	- -10 to -40 dBm
Transmit Level	- -10 dBm, fixed per FCC part 98

Signaling and Data Rates

- 2400 baud	9600, 7200, 4800 bps
- 1600 baud	4800 bps
- 1200 baud	2400 bps

Carrier Frequencies

- T.3	2100 Hz
- V.27 ter	1800 Hz
- V.29	1700 Hz

Data Format	- Asynchronous
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- Group 3 protocol supported
- Character length: 7 or 8 data bits / 1 or 2 stop bits
- Parity: odd, even, or none
- Half Duplex

- Environmental

Operating Temp.	- +10 to +40C (50F to 104F)
Storage Range	- -40 to +47C (-40F to 117F)
Transit Range	- -40 to +65C (-40F to 149F)
Humidity Range	- 20% to 95% RH (non-condensing)
Maximum BTUs	- 34.2

- Physical

Depth	- 7 7/8 in. (20.0 cm)
Width	- 4 3/4 in. (12.0 cm)
Height	- 2.0 in. (5.0 cm)
Weight	- 1.5 lbs (.91 kg - excluding power supply)

- Power Requirements

AC Input (U.S. & Canada)	- 120VAC +/-10%, 60Hz
AC Input (Japan)	- 100VAC +/-10%, 50/60Hz
Consumption	- 10 watts maximum

- Interface

Connector	- mini-circular, 8-pin
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- Operating Modes

- Auto or manual dial
- Auto or manual answer

- Receiver Sensitivity

-10 to -40 dBm

- Transmitter Level

-10 dBm, fixed per FCC Part 68

- Line Monitoring

- Audible (volume is adjustable)
- Visual (status messages printed on computer screen)

- Connectors

- Two RJ-11 modular telephone jacks (one for phone line cable, one for optional telephone)
- Two mini-circular 8-pin jacks (data cable and pass-through device)

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30 Aug 1994 - Combined articles #6954 and #2337.

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