Tech Info Library

Apple Data Modem 2400: Overview

```
Revised:        9/18/89
Security:       Everyone


Apple Data Modem 2400: Overview


========================================================================



This article last reviewed: 29 August 1989


On June 12, 1989, Apple introduced the Apple Data Modem 2400.  It is a 2400
bits per second (bps) external modem for the Apple II and Macintosh family of
computers.


The Apple Data Modem 2400 supports the standard 2400/1200/300 bps modem protoco
Classes 1 through 4 error correction protocols and is fully Hayes-compatible.


Features
--------
- Two serial ports for connecting to the computer and to daisy-chain a
  serial device, such as the AppleFax Modem.
- Two RJ-11 ports to connect to the wall outlet and a telephone handset.
- A wall-mounted AC power adapter that plugs into the modem.
- An on/off switch built in to the modem.
- A built-in speaker with external volume control.
- A security slot.
- Nonvolatile RAM to store modem settings.


Support Issues
--------------
- It is possible to plug the AppleFax Modem or Apple IIc power supply into
  the Apple Data Modem 2400.  If this is done, the modem will not power up,
  but it will not cause any damage to the modem or power supply.

- Only the two inner lines (tip and ring) of the RJ-11 jacks are passed
  through.  This may cause problems with certain PBX systems that use the
  outer two lines for special-feature signaling.  In this situation, it is
  best to have separate telephone lines for the modem and the telephone set.

- Unlike the Apple Personal Modem, this unit uses nonvolatile RAM to store
  the modem settings, which means that the modem does not automatically
  power up with the factory settings.  The modem can be forced to the
  factory settings by either issuing the AT&F command or holding down the
```

Mode button on the front panel during power-up.

- Because the serial port is rated for a maximum speed of 56.7 kilobits per
  second, AppleTalk devices cannot be daisy-chained to the modem.

- The ports for the telephone line and telephone set cannot be interchanged
  because the telephone set port is disconnected when the modem is in use.
  The same applies to the serial connections because the signals are
  directional. The ports must be used as marked.

Availability

The Apple Data Modem 2400 will be sold only by authorized Apple Desktop
Communications dealers.

Copyright 1989 Apple Computer, Inc.

Tech Info Library Article Number:4305