## PowerBook Duo Express Modem: Battery Conservation Setting 6/93

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TOPIC ------------------------------------------------------------

I am using an Express Modem in my PowerBook Duo. Does the Battery Conservation
slider in the PowerBook control panel need to be at Maximum Performance in order
to use the Express Modem successfully?

I would like to run with the Battery Conservation slider set to Maximum
Conservation, since I am constantly running off of the battery. I have Express
Modem software version 1.0.4. When I try to send a fax document, only about half
the page gets faxed. When I try to call using Appletalk Remote Access, the modem
will not even connect.

DISCUSSION -------------------------------------------------------

When your PowerBook Duo is transmitting or receiving data or faxes, make sure
that it does not go to sleep. You might want to select "Don't sleep when plugged
in" from the Options dialog box in the PowerBook control panel.

When the Express Modem is in use (offhook, online, or when sending or receiving
a fax), the PowerBook Duo should not use processor cycling or go into automatic
sleep, regardless of the Battery Conservation options set in the PowerBook
control panel. The Express Modem should work fine regardless of whether you
select Maximum Performance or Maximum Conservation.

When sending or receiving a fax, using AppleTalk Remote Access, or a
communications program, you should not close the Duo lid or select "Sleep" from
the Finder, thus forcing sleep, as the call will be lost. Unfortunately, some
third-party utilities for PowerBook power management may access the Power
Manager on their own and may force sleep automatically, without regard to
Express Modem activity. Try using the Express Modem with these utilities
disabled if you suspect they may be causing the problem.

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