Tech Info Library

Interbridge: Using it with 9600 baud modems

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Security:       Everyone
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A workaround was developed after trying to get the Hayes Interbridge to work
with third party 9600 baud modems, Codex model 2260's, supposed to be Hayes
command compatible.

In theory, the Codex modems should work after engineers unplug the 2400 baud
modems they were using and plug in the Codex's, properly configured.
Unfortunately, the Interbridge seems to look for responses that the Codex
does not give.

Listed below are the settings used for the Interbridges and modems.

```
Equipment
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2 Macintosh Plus
2 Interbridges (upgraded ROM's)
2 Codex Model 2260 modems.
Appropriate cables

Bridge Setups
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    Port S1
        Remote Bridge
        9600 baud
        Async
        Leased
    Port A1
        AppleTalk       On
        Net#            Must be <>
        Bridge Name     Must be <>
        Zone Name       Must be =

Modem Setup
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```

```
    ORIGINATING MODEM
    -----------------
        Connect the phone lines to the Audio Line (NOT the LLine) jack.
        Rate = 9600 only
        Terminal
            Format = Async
            Char Length = 10
            DTR = 108.1  (Note: this tells the modem to dial on Interbridge power
                                up.  If you use 108.2 you will have to select one
                                of 8 preset numbers to dial.
            RTS = Normal
            RTS/CTS Delay = 0
            DCD = Normal
            DSR = High
        Modify Audio
            Answer = Auto
            Default Dial = 1 (or whichever preset number you want)
            Line = Dial
        Modify Modem
            Mode = External
            Clock = Internal
            AutoRetrain = On
            Disconnect = PSTN
        Auxiliary
            This is where you enter/view/set your phone numbers.


    ANSWERING MODEM
    ---------------
        Same setup as the originating modem except the default dialer is off.


    Overview
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    Once the above setup is completed, any time the originating Interbridge is
    powered on, the modem will call the other Interbridge and begin operation.


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