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Modem Initialization Strings for MacPPP Access (10/96)

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TOPIC -----

This article lists some modem initialization strings for MacPPP using point-to-point protocol (PPP) access. This article does not have initialization strings for every modem, only those which the modem vendor provided to Apple.

This article provides information about non-Apple products. Apple Computer, Inc. is not responsible for its content. Please contact the vendor for additional information.

The Tech Info Library article titled "Locating Vendor Information" can help you search for a particular vendor's address and phone number.

DISCUSSION -----

MacPPP ships with Apple Internet Connection Kit (AICK) and requires you to know your modem's initialization string. Many initialization strings are listed in the AICK setup, however, if your modem is not listed, you should consult your modem manual, or contact your modem vendor, or check with your Internet Service Provider.

Begin_Table

Name of Modem -----	Flow Control -----	Speed -----
Accex 1414 v.32bis AT&F&D0\N3\Q3	CTS&RTS (DTR)	14400
Apple Express Modem (PowerBook) AT&F\N3 AT%C1\N3 AT&F\N3&K3 AT\G1\X1	CTS&RTS (DTR) CTS&RTS (DTR)	14400 14400
Apple GeoPort Modem AT&F\N3		
Applied Engineering Datalink 14 AT&F&C1	CTS&RTS (DTR)	14400

AT&F&C1&K0

AT&T DataPort 14.4

AT\N7%C1&C1&D0\Q3

AT&F&D0

AT&F&D0\Q0%C0

CTS&RTS (DTR) 14400

AT&T DataPort 14.4

AT\N7%C1&C1&D0\Q3

AT&F&C1&D0

AT&F&C1&D0\Q0%C0

CTS&RTS (DTR) 14400

Best Data Smart One 14.4

AT&Q5%C1&D0&K0

AT&F&C1

AT&F&D0&K3

CTS&RTS (DTR) 14400

Boca 14.4Kbps v.32bis

AT&F&C1\N3

AT&F&D0&K3

CTS&RTS (DTR) 14400

Boca 288MV28K Series

AT&F&C1\N3

AT&F\N3

CTS&RTS (DTR) 57600

Boca Research V.32bis

AT&Q5%C1&C1&D0&K3

Cardinal 14.4

AT&F&C1&D0&Q5

AT&F&C1&D0&K0&Q5%C0

CTS&RTS (DTR) 14400

None

Cardinal 28.8

AT&F&C1&D0&Q5

AT&F&C1&D0&K0&Q5%C0

CTS&RTS (DTR) 57600

None

Compudyne 1442F

AT&F&C1

AT&F&C0

CTS&RTS (DTR) 14400

CPC Turbo Modem+

AT\N6%C1&C1&D0\Q3\V1

Data Race Apex V.32/V.32bis

AT\N7%C1&C1&D0\Q3

Data Race APL 1496

AT\N7%C1&C1&D0\Q3

Digicom Eagle 9600/Scout

AT&F&D0

AT&F

None

9600

Digicom Eagle 9600/Scout		
AT&F&D0	None	9600
AT&F*F3&D0		
Focus 14.4		
AT&Q5%C1&C1&D0&K3S36=7	CTS&RTS (DTR)	14400
AT&F&D0	CTS&RTS (DTR)	14400
Global Village PowerPort Gold/Silver		
AT&F1\Q3	CTS&RTS (DTR)	14400
AT&F1&C1&D0	CTS&RTS (DTR)	14400
AT&F&D0\Q3		
Global Village PowerPort Mercury		
AT\F1	None	9600
AT&F\N3	None	9600
AT&F&D0\N1		
Global Village PowerPort/Teleport		
AT&F1%C1&K3	CTS&RTS (DTR)	57600
AT&F1S95=1	CTS&RTS (DTR)	57600
AT&F&D0\N3&K3&Q5		
Global Village PowerPort Gold/Silver		
AT&F1\Q3	CTS&RTS (DTR)	14400
AT&F1&C1&D0\N3%C0	CTS&RTS (DTR)	14400
AT&F&D0\Q3		
Global Village PowerPort/Teleport Gold		
AT&F1%C1W1	CTS&RTS (DTR)	14400
AT&F&K3\N3\Q3	CTS&RTS (DTR)	14400
AT&F&D0&K3		
Global Village PowerPort/Teleport Gold IIv		
AT&F1&K3	CTS&RTS (DTR)	14400
AT&F&C1	CTS&RTS (DTR)	14400
AT&F&K3&D0\N0		
Global Village PowerPort/Teleport Silver		
AT&F1&K3	None	9600
AT&F1\Q0%C0	None	9600
AT&F&D0&K3		
Global Village PowerPort/Teleport Platinum		
AT&F1%C1&K3	CTS&RTS (DTR)	28800
AT&F1W1S95=44	CTS Only	28800
AT&F&D0\N3&K3&Q5		
Global Village Bronze		
AT&F&D0 ? 6/27/95		
GVC 14.4 v.32bis		
AT&F&D0\N3	CTS&RTS (DTR)	14400

AT&F&D0%C0\Q0\N3
AT\N6%C1X4&C1&D0\G0\J0\Q3\V1

GVC 288 Fax Modem

AT&F&D0

CTS&RTS (DTR) 57600

AT&F&D0%C0\Q0

Hayes Accura 144

AT&F

None 9600

AT&F&C1

CTS&RTS (DTR) 14400

AT&F&D0&K3&Q5S48=7S36=7

Hayes Accura 28.8

AT&F&C1

CTS&RTS (DTR) 28800

AT&F&C1&K0

Hayes Optima 14400 v.32bis

AT&F&D0

CTS&RTS (DTR) 14400

AT&F&C1

CTS&RTS (DTR) 14400

AT&F&&D0&C1

AT&F&D0&K3&Q5S48=7S36=7

Hayes Optima 28800

AT&F&D0

CTS&RTS (DTR) 57600

AT&F&C1

CTS&RTS (DTR) 57600

AT&F&D0

Hayes V-Series Ultra 9600

AT&Q5S36=7&C1&D0&K3

CTS&RTS (DTR) 14400

AT&F&D0

CTS&RTS (DTR) 14400

Intel 14.4 EX

AT&F&D0

CTS&RTS (DTR) 14400

AT&F&D0\Q3

AT\N3%C1&C1&D0\Q3

Intel 96EX

AT\N3%C1&C1&D0\Q3

Line Link 14.4E

AT&F&C1

CTS&RTS (DTR) 14400

AT&F&C1\N3

CTS&RTS (DTR) 14400

AT&F&C1&D0

Macintosh Express Modem (comm slot)

AT&F\N3&D3&Q5

Macronix

ATS36=7&Q5%C1&C1&D0&K3

Macronix MaxLite 14.4

AT&F&C1&Q9\N3

CTS&RTS (DTR) 14400

AT&F&Q9\N3

Magic 14.4 V.32bis AT&F&C1 AT&F&D0&C1	CTS&RTS (DTR) 14400
Magnum 14.4 AT&F0	None 14400
Magnum 288 Fax/Modem AT&F0 AT&F&D0&K3	CTS&RTS (DTR) 57600
Megahertz 14400/P2144 AT&F&C1&D0 AT&F&D0&K3	None 9600
Megahertz A2144 AT&F&C1&D0\N3 AT&F&D0&K0%C0\N3	None 14400
MegaHertz V.32bis ATS36=7&Q5%C1&C1&D0&K3	
Microcom Desk Porte AT&F&D0 AT&F&D0&K3	CTS&RTS (DTR) 14400 CTS&RTS (DTR) 14400
Microcom Deskporte 28.8 AT&F&C1&D0 AT&F&D0\Q3	CTS&RTS (DTR) 28800
Microcom Deskporte 288 EP AT&F&D0	CTS&RTS (DTR) 28800
Microcom Desk Porte/QX/4232 bis AT&F&D0 AT&F&D0\Q3	CTS&RTS (DTR) 14400
Microcom QX/V.32c AT&Q5%C3&C1&D0\J0\Q3	
Microcom Travelporte 288 Fast AT&F&D0	CTS&RTS (DTR) 28800
Motorola UDS CELlect 14.4 AT&F&C1\N3\Q3	RTS (DTR)Only 14400
Motorola UDS Codex 3260 AT&F&C1*FL3	None 9600
Motorola UDS Codex 3261 AT&F&C1*FL3	None 9600

Motorola UDS Codex 3265 AT&F&C1*FL3	None	9600
Motorola UDS Fastalk V.32 bx/V.3225 AT&F&C1\N3\Q3 AT\N3%C1&C1&D0\G0\J0\V1\Q3	CTS&RTS (DTR)	14400
Motorola UDS V.3225L/3229L AT&F&C1\Q3 AT&F&D0\Q3 AT&F&D0&C1\Q3	CTS&RTS (DTR)	28800
Multitech MT 932 series AT&F&D0&E4	None	9600
Multitech MT1432 Series AT&F&D0&Q1&E11 AT&F&D0&E11 AT&F&D0&E4&E13	CTS&RTS (DTR) CTS&RTS (DTR)	14400 14400
Multitech MT1432 ZDX AT&F&D0 AT&F&D0&E4&E13	CTS&RTS (DTR)	14400
Multitech MT2834 Series AT&F0 AT&F&D0&E11 AT&F&D0&E3&E14	CTS&RTS (DTR) CTS&RTS (DTR)	57600 57600
Multitech Multimodem 2 Series AT&E1&E15&C1&D0&E4\$BA0 AT&F&D0&E4 AT&F&D0&E14&E3	CTS&RTS (DTR) CTS&RTS (DTR)	14400 14400
MultiTech Multimodem 224E/V.32 AT&E1&E15&C1&D0&E4\$BA0		
NEC 9635 E AT&F&C1\Q3 AT&F&C1\Q0%C0	CTS&RTS (DTR)	14400
Phoebe V.34 AT&F1		
PowerUser 14.4E AT&F&C1 AT&F%C0&K0\N3	CTS&RTS (DTR)	14400
Practical Peripheral MC144MT II AT&F1&D0 AT&F1&D0&K0	CTS&RTS (DTR)	14400
Practical Peripherals 14400FXMT		

AT&F&C1	CTS&RTS (DTR)	14400
AT&F&D0&K3		
Practical Peripherals 14400FXSA		
AT&F&C1S37=9N0	None	9600
AT&F&C1	None	9600
AT&F&C1&K0		
Practical Peripherals 9600SA		
AT&F&C1	None	9600
AT&F&C1&K0		
ATS36=7&Q5&C1&D&K3		
Practical Peripherals MC28		
AT&K3&D0&C1	CTS&RTS (DTR)	57600
AT&F1&D0		
Practical Peripherals MC288MT		
AT&F3	CTS&RTS (DTR)	57600
AT&F1&D0		
Practical Peripherals PM288MT		
AT&F3	CTS&RTS (DTR)	57600
AT&F1&D0		
Prometheus Home Office 14.4		
AT\N3%C1&C1&D0\J0\V1\Q3	CTS&RTS (DTR)	14400
AT&C1&D0*E1*F3*S1		
Prometheus Pro Modem Ultima		
AT&F&D0	CTS&RTS (DTR)	57600
AT&F&D0&K0%C0		
Prometheus Promodem 144		
AT&F&D0	CTS&RTS (DTR)	57600
AT&F&C1\N3	CTS&RTS (DTR)	57600
Prometheus Ultima/Home Office		
AT\N3%C1&C1&D0\J0\V1\Q3		
Prometheus Ultima/Home Office		
AT\N3%C1&C1&D0\J0\V1\Q3		
PSI Comstation V		
AT&F&C1&D0&K3&Q5\N3	None	9600
AT&F	None	9600
PSI Power Modem II/IV		
AT&Q5%C1&C1&D0&K3	CTS&RTS (DTR)	14400
AT&F	CTS&RTS (DTR)	14400
AT&F&C1&D0&K3&Q5\N3		
Quicktel Xeba 14.4		

AT&F&C1	CTS&RTS (DTR) 14400	
AT&F&C1&D0	CTS&RTS (DTR) 14400	
AT&F&C1&D0&K3		
Racal ALM 3223		
AT&F&D0	CTS&RTS (DTR) 57600	
AT&F&C1&D0		
Racal ALM 3226 V.32 bis		
AT&F&C1	CTS&RTS (DTR) 57600	
AT&F&D0&K3		
Spectra Pocket Modem 14.4		
AT&F	CTS&RTS (DTR) 14400	
AT&Q3S36=7%C1&C1&D0&K3		
Supra 14.4 LC		
AT&F1	CTS&RTS (DTR) 14400	
AT&F1&D0		
Supra 2400 V.42bis		
AT&Q5S36=7%C1&C1&D0&K3		
Supra Fax 288 modem		
AT&F1	RTS (DTR) Only 57600	
AT&F1&C1	RTS (DTR) Only 57600	
AT&F&D0&Q5&K3\N3		
SupraFAXModem V.32bis		
AT&F1	CTS&RTS (DTR) 14400	
AT&F1&D0	CTS&RTS (DTR) 14400	
AT&F1&K4%C0		
SupraFAXModem V.32/V.32bis		
AT&F1&Q5S36=7%C1&C1&D0&K3		
SupraFAXModem V.34		
AT&F1 (probably. 7/18/95)		
Telebit 3000	None	9600
ATS180=2S190=1S51=252S58=2S68=2	None	9600
AT&F&C1S58=2		
Telebit Fastblazer 8840		
AT&F&C1&E1	None	9600
Telebit QBlazer		
ATS180=2S51=252S58=2S68=2	None	9600
AT&FS58=2	None	9600
AT&FS58=2S180=1S190=0		
Telebit QBlazer/T1600/T3000		
ATS180=2S190=1S51=252S58=2S68=2		

Telebit T1600 ATS180=2S190=1S51=252S58=2S68=2 AT&FS58=0S190=0	None	9600
Telebit T2500 AT&FS58=2	None	9600
Telebit Worldblazer AT&F9X2 AT&F&C1S58=2 AT&F&D0S58=2	CTS&RTS (DTR)	14400
U.S. Robotics ?? AT&M4&K1B0&A3&B1&D0&H1&I0&N0&R2		
U.S. Robotics Courier HST Dual AT&F&C1&D0 AT&F1&D0	CTS&RTS (DTR)	57600
U.S. Robotics Courier V.32 bis/as AT&F&D0&H1&K2 AT&F1&D0	CTS&RTS (DTR)	14400
U.S. Robotics Courier V.34 AT&F1&K3&D0		
U.S. Robotics Mac & Fax 14.4 AT&F&D0&H1&R2		
USRobotics Mac & Fax 28.8 V.34 AT&F1		
U.S. Robotics Sportster 14.4 AT&F&H1&C1&D0X4 AT&F1&D0 AT&F1&H1&C1&D0X4 AT&F&H1&C1&D0	CTS&RTS (DTR) CTS&RTS (DTR)	14400 14400
U.S. Robotics Sportster 28.8 AT&F1 AT&F1&D0	CTS&RTS (DTR)	57600
U.S. Robotics Sportster 14.4 AT&F&H1&C1&D0X4 AT&F1&D0 AT&F1&H1&C1&D0X4	CTS&RTS (DTR) CTS&RTS (DTR)	14400 14400
U.S. Robotics Sportster 28.8 AT&F1 AT&F1&D0	CTS&RTS (DTR)	57600
U.S. Robotics Sportster 9600		

AT&F&H1 ATZ	CTS&RTS (DTR) 9600
U.S. Robotics Worldport 14.4 Fax ATZ ATZ&F&A1&B1&M4&H1&R2Q0E0V1X4	CTS&RTS (DTR) 14400
Viva 14.4 AT&F&C1 AT&F&C1&D0	CTS&RTS (DTR) 14400
Viva 9642 e AT&F&C1 AT&F&C1&K0%C0	None 9600
Wang 14.4 AT&F&C1&D0	CTS&RTS (DTR) 14400
Zoltrix 14.4 AT&F&C1&D0 AT&F&D0 AT&F&C1&D0&K3	CTS&RTS (DTR) 14400 CTS&RTS (DTR) 14400
Zoom 14.4 AT&F&C1 AT&Q5S36=7%C1&C1&D0&K3	CTS&RTS (DTR) 14400
Zoom 14.4 V.32/V.32bis AT&F&C1 AT&Q5S36=7%C1&C1&D0&K3 AT&F&C1&D3&K3&Q5%C3\N3S7=60S36=7S46=138	CTS&RTS (DTR) 14400 CTS&RTS (DTR) 14400
Zoom 14.4 V.32/V.32bis AT&F&C1 AT&Q5S36=7%C1&C1&D0&K3 AT&F&C1&D3&K3&Q5%C3\N3S7=60S36=7S46=138	CTS&RTS (DTR) 14400 CTS&RTS (DTR) 14400
Zoom 2400 v.42bis AT&Q5%C1W1&C1&D0S36=7&K3	
Zoom 28.8 V.32/V32bis AT&Q5S36=7%C1&C1&D0&K3 AT&F&C1&K3	CTS&RTS (DTR) 57600 CTS&RTS (DTR) 57600
Zoom VFX v.32 bis AT&F&C1&D3&K3&Q5%C3\N3S7=60S36=7S46=138	CTS&RTS (DTR) 14400
Zyxel U-1496 AT&F&D0 AT&F&D0&H0	CTS&RTS (DTR) 14400 None 9600
Zyxel U-1496 plus AT&F&D0&H0	None 9600

Zyxel U-1496B		
AT&F&D0	CTS&RTS (DTR)	14400
AT&F&D0&H0		

Zyxel U-1496B plus		
AT&F&D0	None	9600
AT&F&D0&H0		

Zyxel U-1496E		
AT&F&D0	None	9600

Zyxel U-1496E plus		
AT&F&D0	None	9600

Zyxel V.32bis
AT&C1&D0&H3&K4&N0

End_Table

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Article Change History:

02 Oct 1996 - Made correction for accuracy.
20 May 1996 - Added more modems and multiple strings.
26 Jan 1996 - Added Global Village TelePort Gold IIV modem and string.

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