

# ZOOM TELEPHONICS, INC.

## VFP 28.8

Card Type	Fax, Modem (asynchronous)
Chip Set	Unidentified
Maximum Data Rate	28.8Kbps
Maximum Fax Rate	14.4Kbps
Data Bus	8-bit ISA
Fax Class	Unidentified
Data Modulation Protocol	Unidentified
Fax Modulation Protocol	Unidentified
Error Correction/Compression	Unidentified

V2021

CONNECTIONS			
Function	Label	Function	Label
Line out	CN1	Line in	CN2

SERIAL PORT ADDRESS/INTERRUPT SELECTION			
Setting	IRQ	JP1	JP2
COM1 (3F8h)	4	Pins 3 & 5, 4 & 6 closed	Pins 1 & 3 closed
COM2 (2F8h)	3	Pins 2 & 4, 3 & 5 closed	Pins 2 & 4 closed
COM3 (3E8h)	4	Pins 4 & 6, 1 & 3 closed	Pins 1 & 3 closed
COM4 (2E8h)	3	Pins 1 & 3, 2 & 4 closed	Pins 2 & 4 closed

MISCELLANEOUS TECHNICAL NOTES
Note: Diagram not available.

## Proprietary AT Command Set

MNP - EXTENDED SERVICES	
Type:	Configuration
Format:	AT [cmds] -Kn [cmds]
Description:	Controls V.42 LAPM to MNP10 conversion
Command	Function
-K0	MNP extended services disabled
-K1	MNP extended services enabled
-K2	MNP extended services enabled; suppress MNP extended services initiation on V.42 LAPM answer detection phase.

MNP10 - FALLBACK	
Type:	Configuration
Format:	AT [cmds] -Qn [cmds]
Description:	Allows MNP10 to fall back to 2400bps
Command	Function
-Q0	MNP10 at 2400bps disabled
-Q1	MNP10 at 2400bps enabled

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MNP10 - LINK NEGOTIATION	
Type:	Configuration
Format:	AT [cmds] *Hn [cmds]
Description:	Sets the speed at which MNP10 link negotiation will occur
Command	Function
í *H0	Link will be negotiated at highest possible speed
*H1	Link will be negotiated at 1200bps
*H2	Link will be negotiated at 4800bps

MNP10 - POWER LEVEL ADJUST	
Type:	Configuration
Format:	AT [cmds] )Mn [cmds]
Description:	Controls automatic transmit power level adjustment during MNP 10 link negotiation
Command	Function
í )M0	Power level adjustment disabled
)M1	Power level adjustment enabled

TRANSMISSION LEVEL - CELLULAR	
Type:	Configuration
Format:	AT [cmds] @Mn [cmds]
Default:	26
Range:	0,1,2-10,11-31
Unit:	-1dBm
Description:	Sets the signal level for transmission while in cellular mode
Command	Function
í @M0	-26 dBm
@M1	-30 dBm
@M2-@M10	-10 dBm

V.32 - COMPROMISE EQUALIZER	
Type:	Configuration
Format:	AT [cmds] :En [cmds]
Description:	Controls V.32 compromise equalizer
Command	Function
:E0	Equalizer disabled
í :E1	Equalizer enabled