

# DM-56V14

## EXTERNAL VOICE/FAX/MODEM

**V.90/K56flex, V.34 PLUS 33600 bps FULL DUPLEX MODEM  
WITH V.42bis ERROR CORRECTION & DATA COMPRESSION  
G III 14400bps SEND & RECEIVE FAX  
ADPCM COMPRESSION/DECOMPRESSION VOICE MODEL  
FULL-DUPLEX SPEAKERPHONE & ASVD**



### DM-56V14

#### EXTERNAL VOICE/FAX MODEM

##### MODEM

- \* 56000R/33600T
- \* 33600/31200/28800/26400/24000/21600/19200/16800/14400/1200/9600/7200/4800/1200/1200-75/300 bps
- \* V.90/K56flex, V.34 plus, ITU-T V.34/V.32bis/32/22bis/22/23/21, BELL 212A/103
- \* ASYNCHRONOUS OPERATIONS ONLY
- \* V.42bis/MNP CLASS 5 ERROR CORRECTION & DATA COMPRESSION
  - EFFECTIVE THROUGHPUT UP TO 115200bps
  - 100%ERROR-FREE DATA
- \* AUTO-DIAL&AUTO-ANSWER
- \* EXTENDED AT COMMAND SET
- \* RUNS ALL HAYES COMPATIBLE SOFTWARE PACKAGES
- \* NON-VOLATILE RAM TO STORE FOUR TELEPHONE NUMBERS & TWO CONFIGURATION PROFILES
- \* AUDIO MONITOR
- \* RS-232D COMPATIBLE

##### FAX

- \* ITU-T V.17/V.29/V.27ter, V.21 CHANNEL 2
- \* 14400/12000/9600/7200/4800/2400 bps
- \* FAX SEND AND RECEIVE
- \* ITU-T GIII FAX STANDARD COMPATIBLE
- \* RECEIVING A FAX IN THE BACKGROUND
- \* ONE STEP CONVERT & SEND
- \* ASCII, FGX, IME, PCX, TIFF BI-LEVEL AND PAD-BIT, AND TIFF CLASS F FILES
- \* BROADCAST AND SCHEDULE SENDING

##### VOICE

- \* VOICE MAIL AND VOICE FORWARDING
- \* RECORD INCOMING VOICE
- \* PLAY INCOMING VOICE MESSAGES
- \* MIC INPUT AND EAR PHONE OUTPUT
- \* VOICE COMPRESSION/DECOMPRESSION
- \* CONCURRENT DTMF RECEPTION AND TONE DETECTION

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## EXTERNAL VOICE/FAX/MODEM

### TECHNICAL SPECIFICATIONS

COMPATIBILITY	DATA	V.90/K56flex 56000R/33600T V.34 plus 33600/31200/28800/26400/24000/21600/19200/16800bps asynchronous ITU-T V.34 28800/26400/24000/21600/19200/16800bps asynchronous ITU-T V.32 bis 14400 bps & 9600 bps asynchronous-Trellis Coded Modulation ITU-T V.32 9600 bps & 4800 bps asynchronous-Quadrature Amplitude Modulation ITU-T V.22 bis 2400 bps & 1200 bps asynchronous-Quadrature Amplitude Modulation ITU-T V.22 1200 bps asynchronous-Differential Phase Shift Keying ITU-T V.21 0-300 bps asynchronous-Frequency Shift Keying ITU-T V.23 1200/75 bps asynchronous-Frequency Shift Keying BELL 212A 1200 bps asynchronous-Differential Phase Shift Keying BELL 103 0-300 bps asynchronous-Frequency Shift Keying
	FAX VOICE	Group III facsimile ITU-T V.17/V.29/V.27ter/V.21 channel 2-Frequency Shift Keying Enhanced ADPCM coder / decoder (codec) -voice compression / decompression -sample rate 7.2KHZ, 4-bit, 3-bit or 2-bit per sample -optional coder silence detection / detection and decoder silence interpolation
OPERATION		Full or Half-duplex dial-up line operation
COMMUNICATION MODE		Asynchronous data transmission mode
ERROR CORRECTION & DATA COMPRESSION		V.42 & MNP class 2-4 error correction protocol V.42bis & MNP class 5 data compression protocol
EQUALIZATION		Transmitter : fixed compromise equalization Receiver : adaptive equalization
TRANSMIT LEVEL		-11±1dBm
RECEIVE SENSITIVITY		-43dBm
DIAGNOSTIC FACILITY		Local analog loopback with self test Remote digital loopback with self test Local digital loopback Programmable test-timer
DIALING CAPABILITY		Touch-tone, rotary-dial pulse and adaptive dialing
EXTRA MEMORY		Modifiable Non-volatile RAM stores: A. Telephone number up to 4 sets B. Two Configuration Profiles (other than mechanical DIP switch setting)
COMMAND BUFFER		54 characters

#### 10 Country PTT Approvals



BZT



BABT



AGRÉE



P&T



TAC



PTT



PTT



PTT



FCC



JATE

CE

