



J & S Instruments, Inc.

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MD SERIES MODEM DATA SHEET

The MD56 is an external Data/Fax Modem. These units feature transmission speeds of up to 56,000 bps. They are fully Hayes, Group III and Class I compatible and comes with eight LED indicators and Rockwell chip sets. They have asynchronous operation and both full or half duplex operation. These modems have V.42bis and MNP Level 5 data compression as well as V.42 and MNP Levels 2-4 error correction for the highest quality data transmissions. They come complete with auto answer, auto dial, auto sensing and programmable speaker volume control. A 120 VAC to 10 VAC adapter, phone cord, user's manual, 9 pin male to male communications cable, and two complete software programs round off these tremendously powerful devices.

SPECIFICATIONS:	MD56
Speed:	56,000 bps max
Fax:	14,400 bps max
Data Compression:	V.42bis & MNP Level 5
Error Correction:	V.42 & MNP Levels 2-4
Receive Sensitivity:	-40 dBm
Transmission Level:	-11 " 1 dm
*Dimensions:	7.5"L x 5.5"W x 1.25"H
Weight:	16 oz
Power:	110 VAC @ 100 mA
Temperature:	-40° to 122° F

*Add 3" to length for RS232 connector attachment!

OPTION: The JS-350 power option permits 12 VDC operation of the MD56 Modem. This change in the standard product permits for 12 VDC field use where 110 VAC is not available or battery backup is required. The modification permits for typical field use in solar powered telemetry systems, automobile use and applications where the modem is required to operate from a battery backup while standard 110 VAC power is absent. This modification uses 150 mA DC in standby and 200 mA on-line current (supplied for battery life calculations).

The MD56 Modem come complete with a full three year warranty against defects in materials or workmanship.

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