Modem Manager 1

The Solution to All Your Modem Problems!

MM1

Features

- **The ultimate modem buffer**

- **Solves all modem communication problems**

- **Eliminates modem programming**

- **Converts RS485 to RS232 - and back**

- **Opto-isolated: protects against spikes and surges to 2500 volts**

- **Works perfectly with all remote communicating devices**

- **Optimizes the speed of communication**

A Great Communicator, Even Over Poor Lines

Electro Industries introduces Modem Manager, the best tool ever created for communicating with remote devices. It circumvents a host or irritating, hard-to-fix communication problems, including poor phone lines, baud-rate mismatches and failed communications. *With Modem Manager, you'll never again need to program a modem to debug a phone-line problem.*

Modem Manager is a microprocessor-based "smart" buffer. It uses its large memory to intelligently buffer data until a modem is

ready to accept it. This makes for successful communication even over poor phone lines.

No More Modem Programming

Modems don't easily operate with remote devices. Since they're primarily used to communicate between computers, many of the features they use in typical operation must be specifically disabled. This requires difficult and time-consuming modem programming and debugging.

Because Modem Manager mimics a computer, the remote modem functions right out of the box, Your communication link will work immediately, like magic, the instant Modem Manager is installed.

There's A Method to Our Magic

Modem Manager uses a UART at each end of the communications link. This allows the modem-to-modem communications to occur at different baud rates. With Modem Manager, the modems negotiate the best possible baud rate (for the given line condition) without affecting the baud rate used to communicate with the remote devices.

Modem Manager is simply the most useful communication accessory ever. Once Modem Manager is installed, your modem just starts communicating, no ifs, ands or buts.
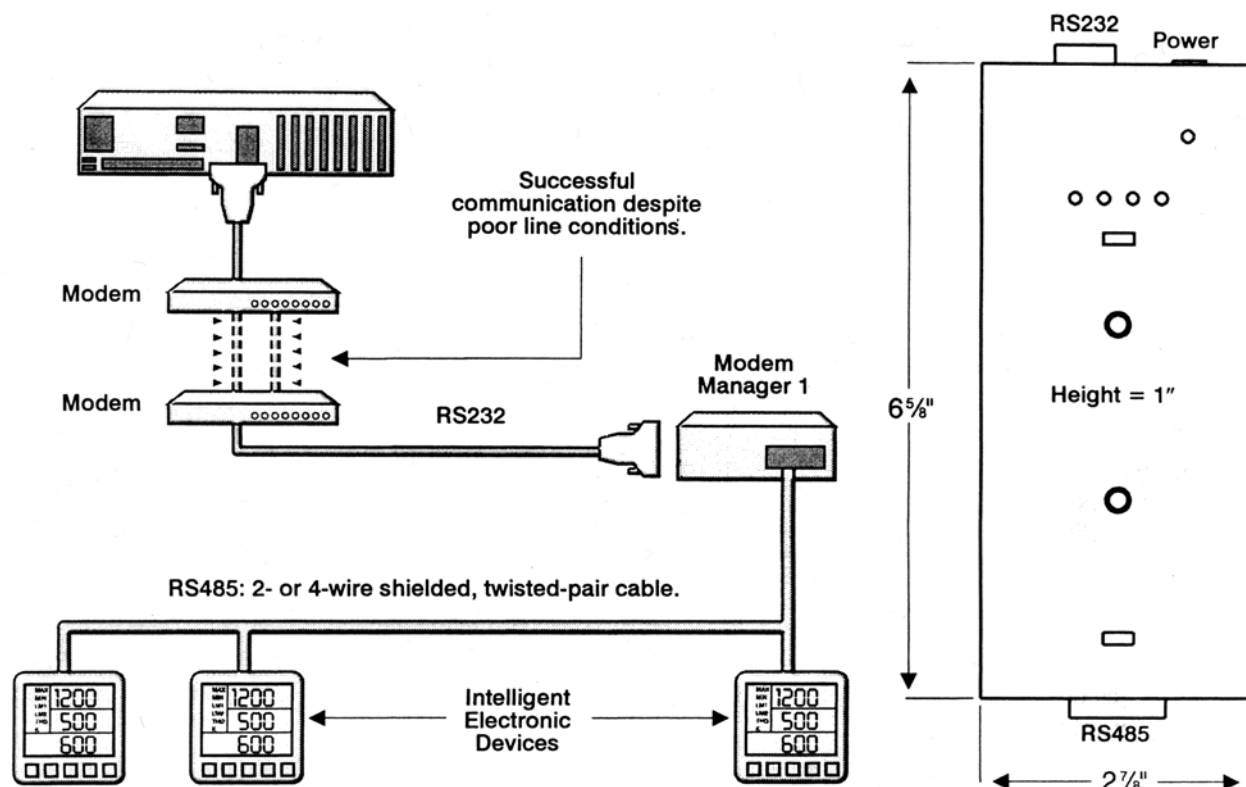

Electro Industries/GaugeTech
The Leader in Power Monitoring and Smart Grid Solutions

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Successful communication despite poor line conditions.

Modem

Modem

RS232

Modem Manager 1

RS485: 2- or 4-wire shielded, twisted-pair cable.

Intelligent Electronic Devices

RS232 Power

Height = 1"

6⅝"

RS485

2⅞"

Specifications

Baud Rate
Programmable to 57.6Kbaud

Enclosure
Rugged aluminum; resists EMI

Isolation
2500V from input to output

Operating Temperature
-20 to +70°C

Power Input
9-24V AC/DC, +/- 20%
120V AC adapter supplied

Port Configurations
RS232: DB9 female
RS485: 2- or 4-wire connector

Ordering Information

Option
PINC:6' DB9 male to DB25 male cable
(for modem wiring)

Typical Configuration
MM1 with PINC

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