

Quick Start Guide

Modbus TCP to Modbus ASCII/RTU Converters

Models: MES1A/MES1B



MES1A
RS-232 Model

MES1B
RS-422/485 Model

1 Check Package Content

- ☐ MES1A or MES1B unit
- ☐ Printed version of this MES1A/B Quick Start Guide
- ☐ Printed manual
- ☐ Software CD

2 Hardware Installation

- ☐ Connect the MES1A/B to the network using an Ethernet cable.
- ☐ Connect your PC to the network.
- ☐ Connect a 12 VDC power supply (not included) to the MES1A/B and apply power. (10 – 30VDC, 3.6 Watts)

3 Software Installation

- ☐ Insert the software CD. It should auto-start into the installation wizard.
- ☐ Follow the on screen installation wizard to install the Device Installer software.
- ☐ Software supports Windows 98, Me, 2K, XP, & NT 4.0

4 Discover the MES1A/B on the network

- ☐ Open the Device Installer software. It should detect the MES1A/B and display XPort in the third level of the Devices Tree.
- ☐ Expand the tree and click the device IP Address.
- ☐ Select the Telnet Configuration tab, then click Connect.
- ☐ Press Enter within five seconds to go into Setup Mode.

5 Configure the MES1A/B

- ☐ To change the IP Address, Default Gateway or Netmask, type 1.
- ☐ To configure Master/Slave and Serial Interface settings, type 2.
- ☐ Do not change any configuration settings in section 3.
- ☐ To configure Modbus/TCP Settings, type 4.
- ☐ To configure Modbus Master settings, type 5.
- ☐ To save your settings in the MES1A/B, type 5.

6 Modbus Device Installation

- ☐ Connect Modbus device to the serial interface on the MES1A/B using the correct cabling:
 - MES1A is a DTE: Use a straight through serial cable if the Modbus device is a DCE; null modem if device is DTE
 - MES1B: Four-wire for RS-422, two-wire for RS-485, Set RS-422/485 switch.
- ☐ Your Modbus device should now be operational on the network.

7 LED Status

LED	Color/Status	Function
Power	Red	Power applied
Link	Orange Green	Bootup, 10BaseT 100BaseT
Activity	Green (Blinking) Orange	Data on the network Bootup

Note: The MES1A/B can be reset (rebooted) by pressing the Reset switch for one second. Reset switch is accessed through a small hole in the top of the enclosure.

Warning: Do not forget your password if used. There is no easy way to get into the unit for configuration once you forget your password.

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