MPR-50 Multi-Port Router
Quick Start Guide

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1. Mount MPR-50 and connect power

1. Mount on 35mm DIN rail, or on wall with screws using key holes on back.
2. Connect earth ground to terminal 3.
3. Connect 9-28VAC (40-70Hz) or 9-35VDC power to terminals 1 and 2.

2. Attach MPR-50 to LONWORKS® channels

Use any two or more of the routers in the MPR-50.

1. If routing to a TP/XF-1250 channel, connect TP/XF-1250 channel wiring to Router 1 screw terminals.
2. Connect TP/FT-10 channel wiring to one or more of Routers 2 through 5 screw terminals.

3. Configuring MPR-50 into Repeater Mode (optional)

The MPR-50 can be used without being commissioned by a network management tool.

1. Hold Monitor Service switch for 20 seconds.
2. Monitor Status LED will then slowly flash green, indicating that the MPR-50 is in repeater mode. All valid packets will be re-transmitted onto other channels.

4. Installing MPR-50 software (optional)

Install the MPR-50 software if you are using the LonMaker® tool or if you will access the MPR-50's status remotely.

1. You must have Administrative privileges on Windows® XP, Windows 2000, and Windows Server 2003. Refer to the User's Guide on the CD for more information.
2. Insert the CD into your CD-ROM drive.
3. If the installer doesn't start automatically, run setup.exe.
4. Follow the on-screen instructions.
5. After completing the installation, eject the CD.

5. Commissioning MPR-50 with the LonMaker tool (optional)

1. Start the LonMaker tool and open a network drawing.
2. Drag the MPR-50 master shapes from the Multi-Port Router Shapes stencil onto your drawing. Respond to the wizard prompts.
3. Select the router that you have connectivity to, and commission it.
4. Select the Monitor node and all other routers as a group, and commission them.

Consult the User's Guide on the CD for more detailed information on these steps.