LP1

User

Guide

LP1 v1.3

⚠ CAUTION

ALWAYS REMOVE POWER AND WAIT AT LEAST 30 SECONDS BEFORE CONNECTING OR DISCONNECTING ANY INTERNAL ELECTRONIC COMPONENTS OR INTERCONNECTING PARTS. FAILURE TO DO SO MAY RESULT IN DAMAGE TO THE UNIT OR BODILY HARM

WARNING

THIS UNIT MUST BE
PROPERLY GROUNDED
DO NOT REMOVE THE
GROUND PRONG

WARNING

ONLY QUALIFIED PERSONELL SHOULD
SERVICE AND MAINTAIN THIS
EQUIPMENT.

Read this Manual before installing
and operating this equipment.

Save this manual for future reference

**The LP1 is designed to mitigate damage from excessive voltage spikes.*
No guarantee or warranty is given for protection against lightning strikes or any other power surges.

RS 232

Step 1:

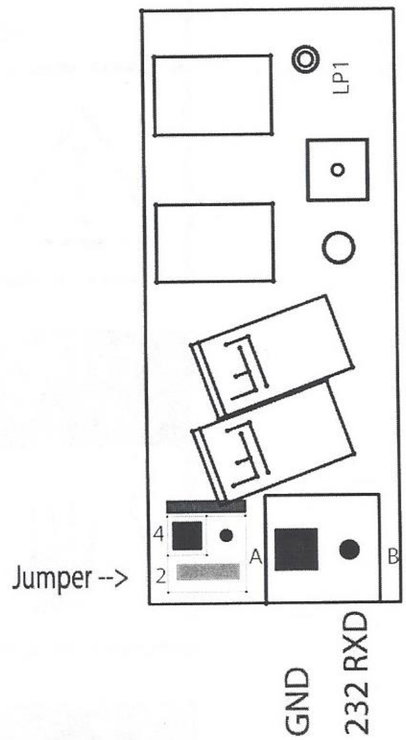
Place the Jumper in the lower Horizontal position.

Step 2:

Attach the green wire with the blue terminal ring to the AC ground line at the power supply.

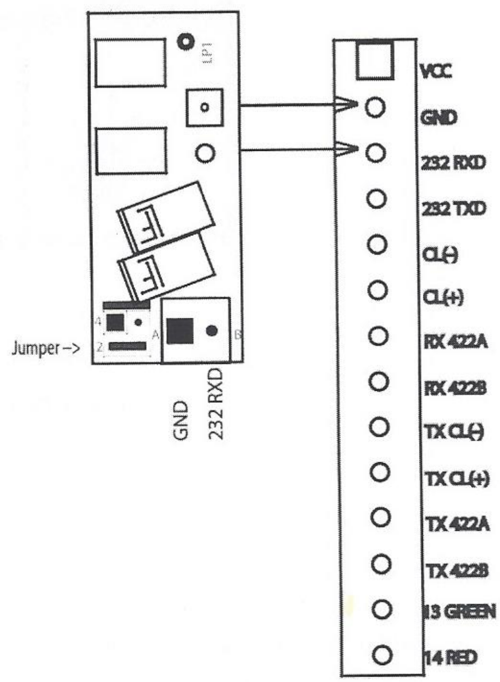
Step 3:

Wire the communication line's ground wire to the left terminal and the RS232 RXD wire to the right terminal of the LP1 board.



Step 4:

Insert the two pins from the LP1 board into the motherboard's terminal strip GND and RS232 RXD terminals.



RS 422

Step 1:

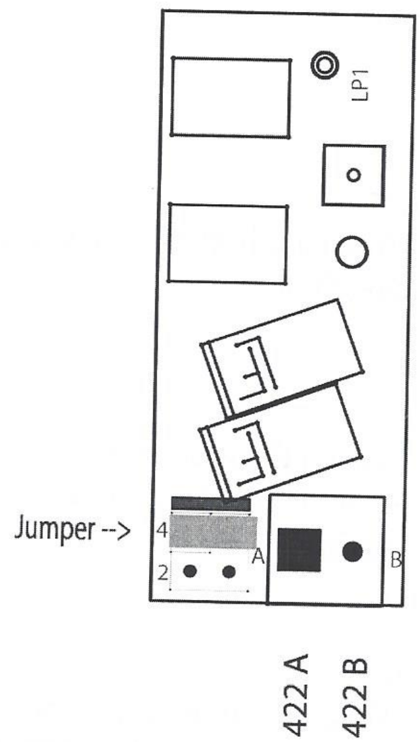
Place the Jumper in the upper Horizontal position.

Step 2:

Attach the green wire with the blue terminal ring to the AC ground line at the power supply.

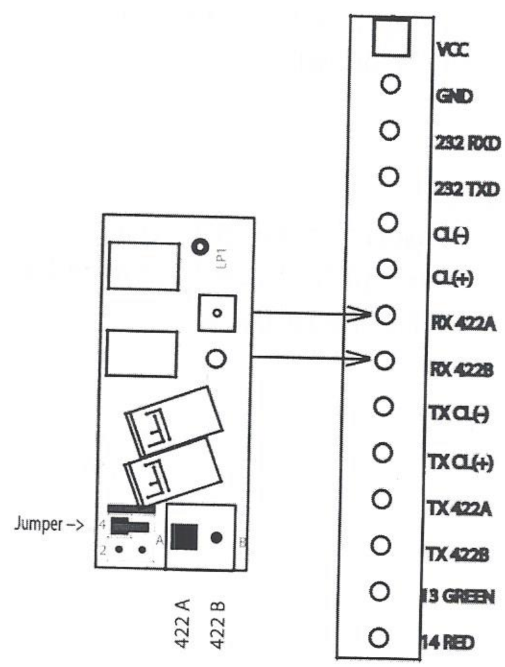
Step 3:

Wire the communication line's 422A wire to the left terminal and the 422 B wire to the right terminal of the LP1 board.



Step 4:

Insert the two pins from the LP1 board into the motherboard's terminal strip RX 422A and RX 422B terminals.



Current Loop

Step 1:

Place the Jumper in the upper Horizontal position.

Step 2:

Attach the green wire with the blue terminal ring to the AC ground line at the power supply.

Step 3:

Wire the communication line's Current Loop (-) wire to the left terminal and the Current Loop (+) wire to the right terminal of the LP1 board.

Step 4:

Insert the two pins from the LP1 board into the motherboard's terminal strip CL(-) and CL(+) terminals.