Supplies for Installation

- ☐ LD1500 Unit
- ☐ SeaHawk Leak Detection Cable (SC)
- ☐ 24 VDC or 24 VAC *(recommended)*
  Wall Adapter, part #WA-DC-24-ST
- ☐ Cross Over Cable *(blue with yellow ends)*
- ☐ Leader Cable Kit *(purchased separately)*
  - End Terminator (EOL)
  - 15ft. (4.57m) leader cable

1. **SeaHawk LD1500 Installation**

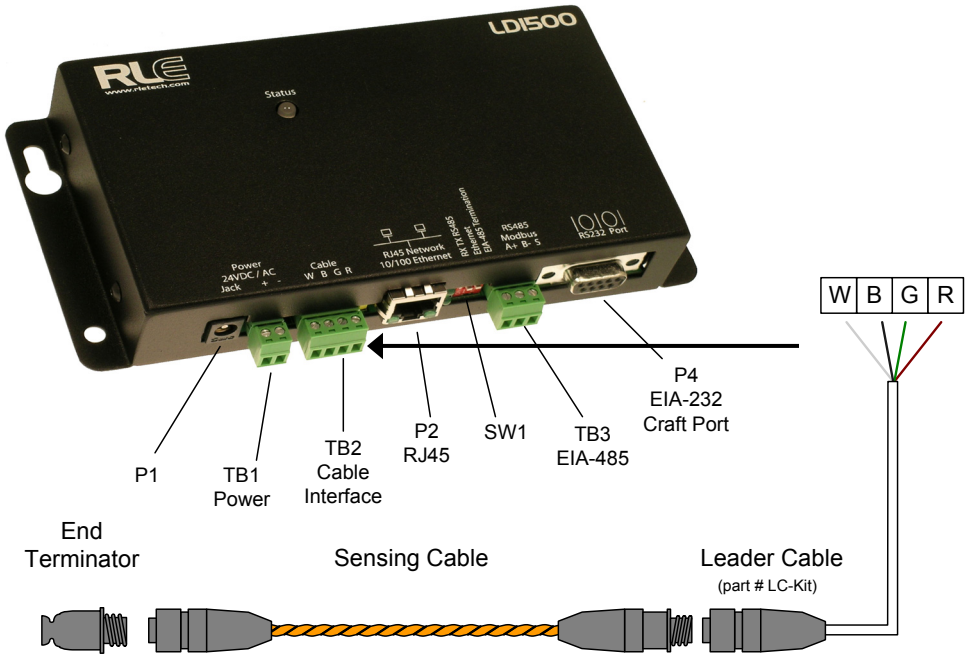
   The LD1500 is a panel mounted device. There are four mounting holes on the sides of the unit spaced 6.6 inches (.167m) apart. Use drywall anchors if securing the unit to drywall.

2. **Connecting the Water Leak Detection Cable**

   The LD1500 requires a leader cable (included in the leader cable kit: part #LC-KIT). One end of this leader cable connects into the LD1500. This end of the cable has four stripped, bare wires. The other end features a mating connector which connects with the SeaHawk Water Leak Detection Cable (SC). The end of the cable is finished with a removable End-of-Line terminator (EOL).

   Connect the 15 foot (4.57m) leader cable to the LD1500. From left to right, with the screws of the terminal block connector facing up, the wires that screw into the terminal connector should be colored: white, black, green, and red. If the terminal connector is removed from the end of the cable, make sure the wires are in this same order when the connector is reapplied.

   Once the leader cable is plugged into the terminal blocks, it is ready to be connected to the SC cable. To do this, unscrew the end terminator (EOL) from the end of the leader cable. Attach the first length of SC cable to the leader cable. Route the SC cable according to a cable layout diagram; see Section 3-2.1, pg. 6, of the Product User Guide for detail about the layout diagram. Secure the EOL terminator on the unoccupied end of the SC cable.



3. Apply Power to the Unit

The LD1500 operates on either 24VAC or 24VDC power. A power supply should be run to the location of the unit. RLE recommends the use of a 24VDC wall adapter power supply (part # WA-DC-24-ST), which is available separately. The LD1500 should begin booting upon applying power. Wait approximately one minute. No alarm should be present.

4. Communication

Note: Consult your IT Department before attempting this. The LD1500 comes from the factory with a default IP address of **10.0.0.188**, a default Subnet Mask of 255.255.255.0 and a gateway (Def. Route) of 10.0.0.1. Depending on the user's network configuration the LD1500 may not communicate over a user's network initially. The default address must be changed to an IP address that corresponds with the user's network before the LD1500 can communicate over the network.

5. Set the IP Address

There are two ways to set the IP address: via the Web browser or via the RS232 interface:

Web Browser

To set the IP address using a Web browser, first plug the crossover network cable (blue with yellow ends) that shipped with the LD1500 unit into the laptop or workstation that will be used to configure the LD1500. This cable is not intended to be connected to a network hub. Write down the computer's IP address and Subnet Mask. Then change the IP address and Subnet Mask of the computer from its existing address to one that will allow it to communicate with the LD1500, such as 10.0.0.185.

Connect the other end of the crossover network cable to the Ethernet port on the LD1500. Access the unit through a Web browser by typing the LD1500's default IP address (10.0.0.188) into the location bar. Enter the LD1500 user name when prompted (Default Username: ld1500, Default password is blank). Select the Configuration Menu link, then select the Network Settings link. Change the IP settings to those provided by the network administrator. Press the Submit Changes button. The unit will save the new IP address and reboot.

Once the LD1500 reboots, the system status LED on the front of the unit will stop flashing. You may now use the new LD1500 IP address and reset the computer to its original IP address and Subnet Mask. This may require assistance from your IT Department. The LD1500 is now configured to communicate on the network. Connect the PC and the LD1500 to the network. From the PC Web browser, type in the new IP address of the LD1500. Enter the user name and password as stated above to verify network access to the LD15000.

EIA-232 Interface

To set the IP address using the RS232 interface, see the LD1500 User Guide available on the Product User Guide CD (included with your LD1500), or download the Product User Guide from the LD1500 webpage located on our website at www.rletech.com.

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