

INSTALLATION SUPPLIES

The following is included:

- Liqui-tect LP6000 Controller
- CONNECT15 connection cable
- LT500-ET - End terminator
- Screws and anchors for wall mounting
- Crossover cable

The following equipment is sold separately:

- Leak-detection cable(s) of chosen length, 15-ft, 35-ft, or 50-ft

Network Communication Information

Consult your IT administrator and determine the following LP6000 network settings:

- IP Address

• Subnet Mask

- Default Gateway
-

NOTE: *Liqui-tect requires a dedicated circuit breaker that is clearly marked as the disconnection device for the controller. Make sure that the dedicated circuit break is off before connecting the AC power wires to the controller. Follow all state and local codes.*

1. Mounting the device

Use the included screws and anchors to mount the controller in an accessible location.

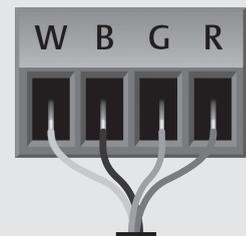
2. Connecting the Leak-detection cable

NOTE: *The leak-detection cable does not directly connect to the controller, it connects to the 15-ft connector cable.*

With the screws of TB2 facing up on the controller (see *Liqui-tect LP6000 Connectors and Switches* above), connect the 4, stripped, bare wires of the connector cable to the terminal block in the order: White, Black, Green, Red (see *TB2 terminal* at the above-right).

At the other end of the connector cable, unscrew the end terminator from the cable, and attach the male connector of the leak-detection cable to the connector cable.

TB2 terminals



White, Black, Green and Red wire connections

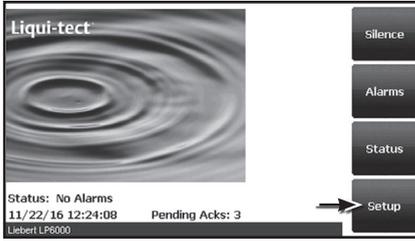
Refer to the cable-layout diagram to route the cable, then attach the end terminator to the end of the cable run.

3. Applying power to Liqui-tect

Remove knockouts from the bottom of the unit, then route the power supply into the power-input terminal block, and insert the wires as shown on the supply: Neutral - Line - Ground (see *Liqui-tect LP6000 Connectors and Switches* above).

Apply power.

The device boots. If there are any alarms, make sure cables are connected, and that the End terminator is connected to the end of the sensing cable.



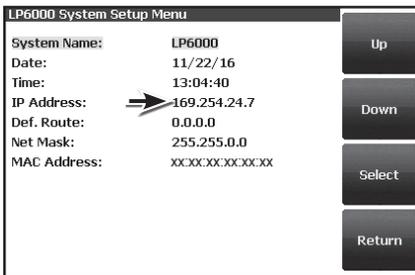
4. Configuring Liqui-TECT Communication

On the display, touch Setup (see LCD Display above).

Initially, there is no password to access set up, touch the enter key.

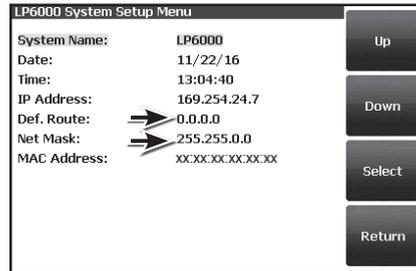
Use the Up/Down buttons to highlight System Settings and touch Select.

Use the Down button to highlight the IP address and touch Select to change it. (see System Setup Menu below).



Use the backspace button to delete the default address, and enter the values provided by the IT administrator, then touch the enter key to apply the change.

Repeat Steps 4 and 5 for the Net Mask (subnet mask), and Def. Route (default gateway) as necessary (see System Setup Menu below).



5. Testing the system

Using a sketch or mechanical drawing of the facility, add the cable routing, connection points, and equipment used in the Liqui-TECT system. Record the distances where the leak-detection cable changes directions and in between connectors.

Test 3 points along the length of the leak-detection cable: at the beginning, middle, and near the end: Pour a small puddle of water on the cable while it rests on the floor, dunk the cable in a cup of water, or soak a paper towel and wrap it loosely around the cable without putting pressure on the cable.

IMPORTANT: To avoid inaccurate readings, do not grip the cable with your hand.

Verify that the simulated leaks are reported within a few feet of their actual, physical location.

To fine tune the location of leak detections, refer to the user guide to calibrate the resistance of the leak-detection cable.

Dry the cable to return the system to normal operation.

To test the cable-fault alarm, remove the end terminator from the leak-detection cable and verify that the break is reported accurately, then re-install the end terminator and verify that the system returns to normal operation.

To contact Vertiv technical support: visit VertivCo.com

© 2017 Vertiv Co. All rights reserved. Vertiv, the Vertiv logo are trademarks or registered trademarks of Vertiv Co. All other names and logos referred to are trade names, trademarks or registered trademarks of their respective owners. While every precaution has been taken to ensure accuracy and completeness herein, Vertiv Co. assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions. Specifications are subject to change without notice.