

Ion+ Connect



Sump Pump Alarm System

The lon+ Connect is a residential sump/sewage ejector pump controller equipped with the revolutionary lon® level sensor and an integrated communication module. It is designed to operate one or two pumps, alternating or simultaneously, with combined amp draws of 12 amps. The device can sense up to 72" of water, has customizable start/stop/alert levels, and provides notifications set up via a dedicated app for alerts such as high water, pump fail, power fail, and many more.

- 4G cellular or WiFi (monthly charges apply)
- Status updated & setting adjustments via dedicated app, website or any smart device
 - Temperature control for HVAC issues
 - Power loss and power restored alerts
 - Alerts when the pump has failed
- Multi-user privilege settings perfect for property managers & contractors
- Notifications via voice, push notifications and email

• True duplex operation, run both pumps at the same time

Phone not included

- Integration with the Amazon Alexa Smart Control Speaker
- Fully customizable set points, up to 72"
- Remote alarm contact for additional notifications available for alarm monitoring systems
- Intrinsically safe barrier available
- Part Number: iNPC20428



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Typical Installation Diagram

- 1. Ion+ Connect controller
- 2. Ion digital level control sensor
- 3. Sump pumps (not included)
- 4. Basin (not included)
- 5. Dedicated 120 volt outlet



- Ion Digital Level Sensor:
 Communicates water level to the lon+ Connect controller
- 2. Status LEDs: Indicate the power, pump, alarm, and cellular status of the system
- 3. Pump plug receptacles
- 4. Battery: Powers the lon+ Connect to warn of AC power loss
- 5. Pump Test button
- 6. Silence/Reset button
- 7. Lock/Unlock button
- 8. Remote Alarm Contact jack
- 9. Digital Level Sensor jack
- 10. Remote Alarm Input jack



You can talk to Amazon Alexa about your Ion+ Connect. With the Ion+ Connect Skill for Alexa, you can ask what your sump pit's water level is, what the ambient room temperature is, test your pump, and more. Alexa lives in the cloud, so it's always getting smarter, adding new capabilities that are delivered to your device automatically. Using Alexa on your Ion+ Connect is simple and hands-free – just ask, and Alexa will respond instantly.

Monitor and control your pump through a dedicated mobile app and/or webpage.



Two Different Notification Modes

- All at Once Sends notifications to all recipients
- One at a Time Sends notifications to one recipient at a time with acknowledgements/remote silence

Monitored Conditions

- Water Level
- Room Temperature
- Pump Status
- Sensor Status
- AC Power
- Battery Voltage
- Cellular Status
- Cloud Status





- Locked Status
- Remote Alarm Input
- Remote Alarm Output