

*A network of intelligent sensing units deployed to pinpoint leaks in underground pipelines.*

## Technical Specifications

### Advanced features

- Automatic filtering in the range 20 – 20,000 Hz
- Frequency boosting of otherwise inaudible leak sounds
- Intelligent background noise attenuation and volume limiter
- Real-time or overnight deployments; up to 3 recordings at intervals of up to 30 minutes
- Pinpointing a leak by analyzing sound patterns at multiple locations

### System components

- Handheld Control Unit (available separately)
- 2, 3 or 4 Leak Noise Correlating (LNC2) Sensor Units, LNC2 Base Unit, LNC2 Dock (carrying case)
- Accessories: Disk ground stage, cable lifter, protective caps, charger, dual auto USB adapter
- Quick start guide

### Handheld Control Unit

- 64seconds WPN2 iOS software app for iOS 15 or later
- iOS Device (available separately):
  - iPhone 8 or later, iPad mini 5th generation or later
  - iPad 10th generation or later, iPad Air with M1 chip or later, iPad Pro
- Field Protective Case: Ruggedized, rubber

### LNC2 Sensor Unit

- Vibration sensing: High-resolution piezo-ceramic element, less than 100 nano g /  $\sqrt{\text{Hz}}$  noise
- Communication: Wireless
- Battery Type: Built-in lithium ion, rechargeable, factory-replaceable
- Battery Life: 100 hours continuous use, 12 weeks shelf; full charge: 8 hours, usable charge: 1 hour
- Physical Characteristics: 5.95 in (151 mm) x 2.17 in (55 mm) diameter; weight: 1.4 lb. (635 g)

### LNC2 Base Unit

- Communication: Wireless
- Battery Type: Built-in lithium polymer, rechargeable, factory-replaceable
- Battery Life: 40 hours continuous use, 12 weeks shelf, full charge: 4 hours, usable charge: 1 hour
- Physical Characteristics: 3.82 in (97 mm) x 2.52 in (64 mm) x 0.84 in (21 mm); 4 oz. (114 g)

### LNC2 Dock

- Capacity: 4 sensor pods with integrated charging
- Rugged Pelican IM2075 case
- Physical Characteristics: 11.8 in (30.0 cm) x 9.8 in (24.9 cm) x 7.7 in (19.6 cm); 4.8 lb. (2.18 kg)

### Environmental

- LNC2 Sensor Unit: IP68 (submersible) with protective cap fitted
- LNC2 Base: IP54 (weatherproof)
- LNC2 Dock: IP68, with case sealed and latches closed
- Operating Temperature: -4° to +185° F (-20° to +85° C)