

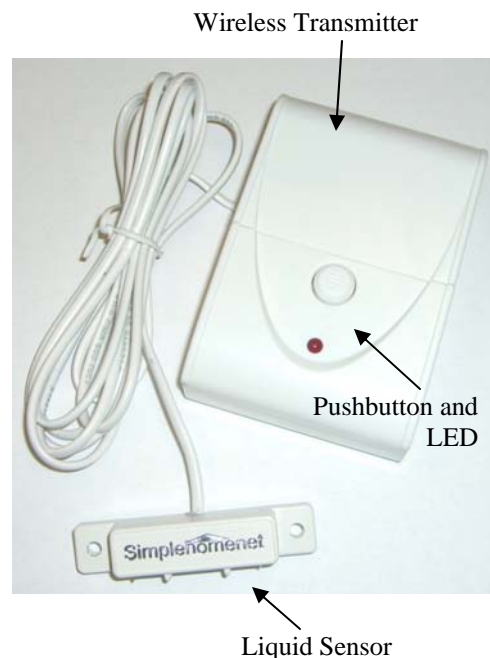
Quick-Start Guide

EZLQD Wireless Liquid Detector

INSTEON EZLQD—Model #2020A

The EZLQD consists of a sensor that detects the presence of a liquid, and a wireless transmitter that sends the sensor signal as an alert to the Simplehomenet EZSnsRF or Dakota Alert 3000 receivers up to 3000 feet. The unit is intended to detect leaks and unintended liquid accumulation near and around water heaters, A/C condensation pans, boats, laundry rooms, and computer/telephone equipment rooms.

A pushbutton on the transmitter can be used as a panic button or doorbell. Using the Dakota Alert receiver allows alarming via four different tones (Classical, Westminster Chime, Ding Dong, or Whistle), or through activation of relay outputs. Additionally, the EZSnsRF receiver enables unlimited flexibility in a home automation network through INSTEON group commands or broadcast messages triggered by the sensor alarm.



Installation and Mounting

Place your liquid sensor in the area that you want moisture to be detected using the two mounting holes and the screws provided.



Ensure that the sensor contacts (2 metal wires on the bottom) will be exposed to the potential liquid layer. The transmitter can be mounted to any wall using the mounting bracket located on the back of the unit. The bracket can be removed by simply sliding it off and can be positioned in any location using the two screws provided. Replace the transmitter by simply sliding it over the bracket once mounted. Avoid exposing the

transmitter to moisture. If installing the transmitter outdoors, use only a suitable outdoor weather-proof enclosure.

Operation

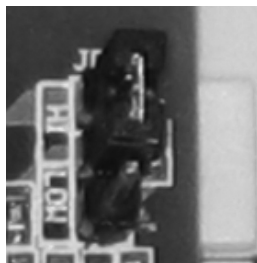
- Swing open the bottom of the front cover to reveal the battery connector, dip switches and input terminals.
- Connect a 9V alkaline battery to the transmitter.
- Set the dip switches 1-8 on the transmitter module to match the receiver. If using the EZSnsRF just ensure that the dipswitch setting is different for multiple transmitters.
- For the Dakota Alert receiver, set dip switches 9 and 10 to control the desired zone, tune, and relay output. (See Coding the Trans-



mitter section for information on setting the dip switches.)

Setting the transmission range

- The transmitter can be set to two different transmission ranges, HI and LOW. At LOW, the range is approximately 500 ft., and at HI the range is approximately 3,000 ft. To change the transmission range, remove the top portion of the front cover. Gently squeeze the bottom of the case on either side of the red light and the cover will lift off. Locate the jumper (JP1) to the right of the button. If the jumper is on the top of two pins, the transmitter is on HI power. If the jumper is on the bottom two pins, the transmitter is on LOW power.



Coding Transmitter DIP Switches

- Open the bottom section of the transmitter and locate the 10 DIP switches.
- Select the desired combination (up to 256 selections) by setting switches 1-8 to match the switches of the Dakota Alert receiver. When using the EZSnsRF, just ensure that each transmitter has a unique code.
- Select the desired zone/channel setting for the Dakota Alert receiver using DIP switches 9-10. Refer to the Dakota Alert receiver manual for the description of the alarm tunes available for each switch setting. For the EZSnsRF, just ensure that the code is unique among transmitters.

