



**SWIRL Sensor
Model: SW-2XAA**

**Micro-Location Services for SWIRL Mobile Marketing
Platform**

Sensor Getting Started Guide



FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Change or modification not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF Exposure Warning

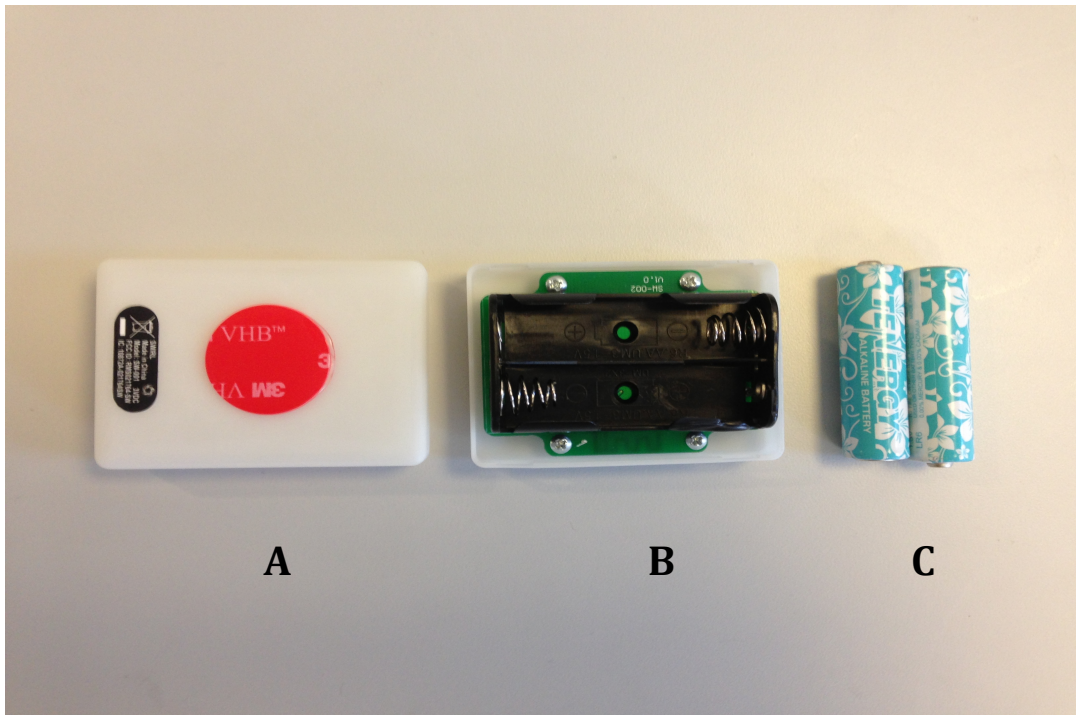
This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 2.5 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

Industry Canada Compliance Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

SWIRL Sensor Components



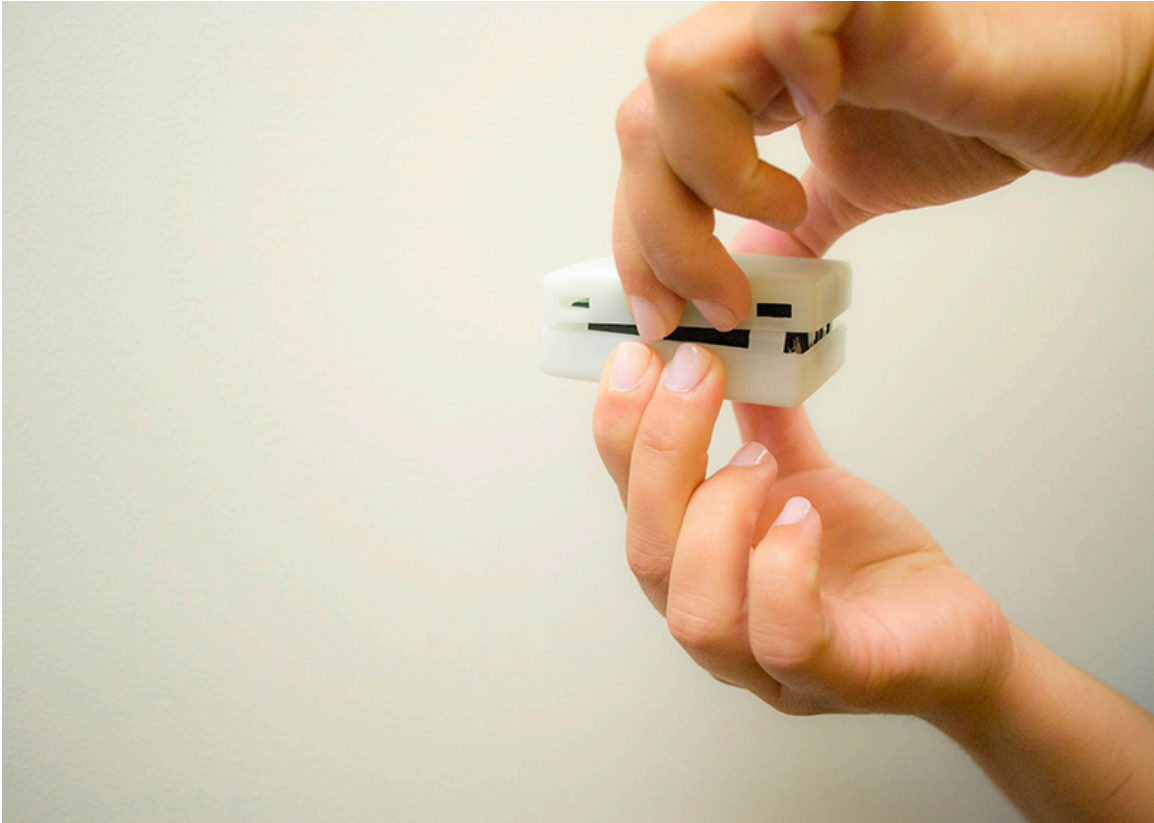
A - Bottom Case with Adhesive Mounting Tape

B - Top Case with Mounted Circuit Board and Battery Holder

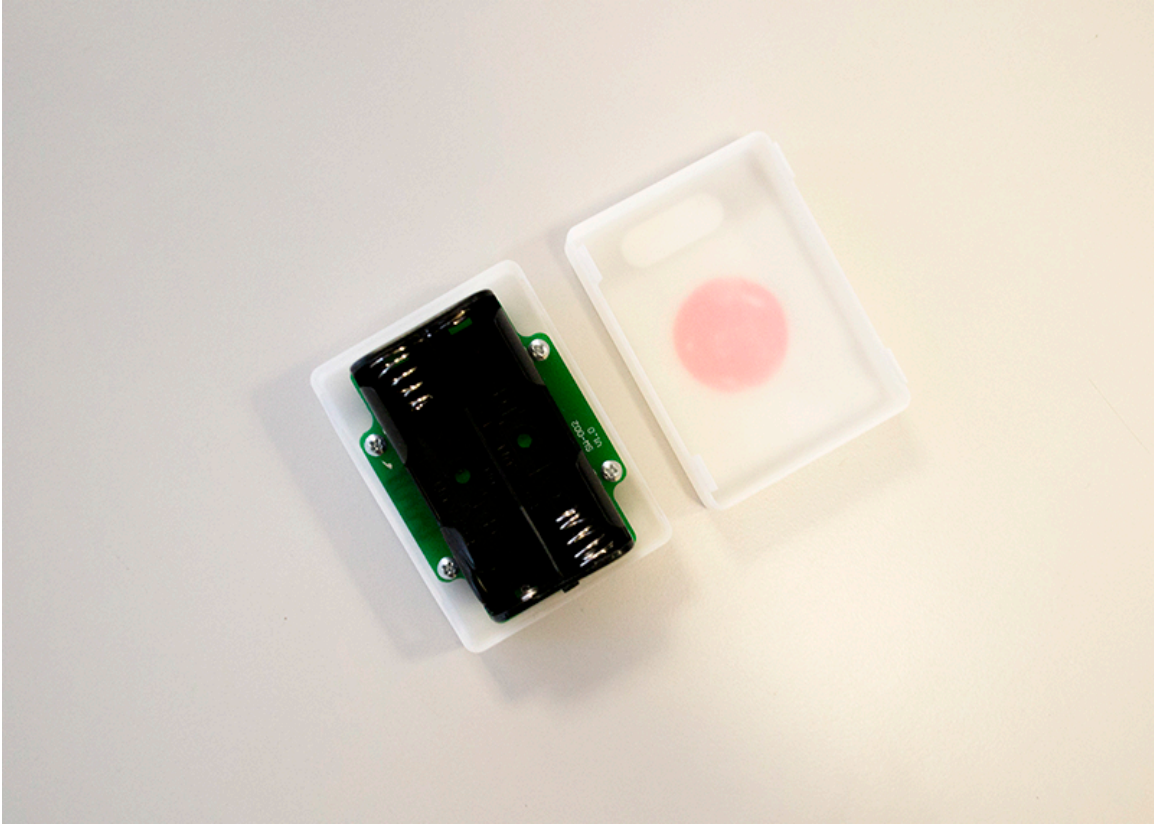
C - 2 AA Alkaline Batteries

Getting Started

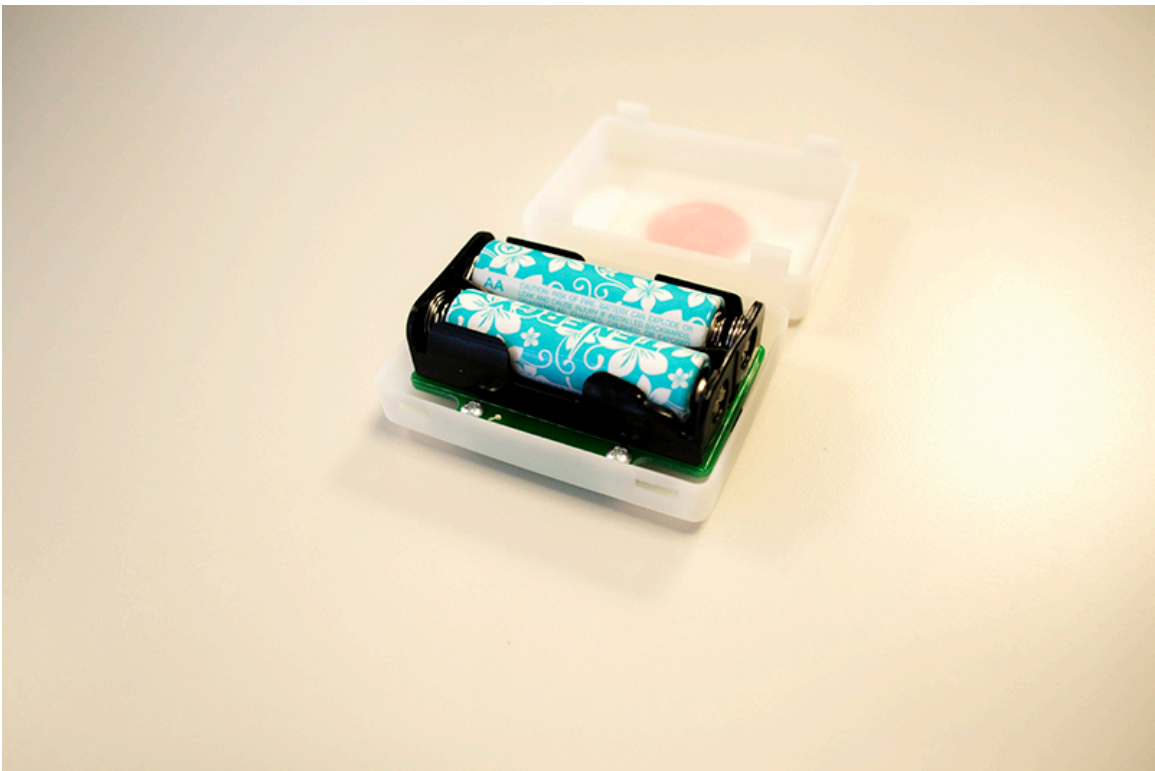
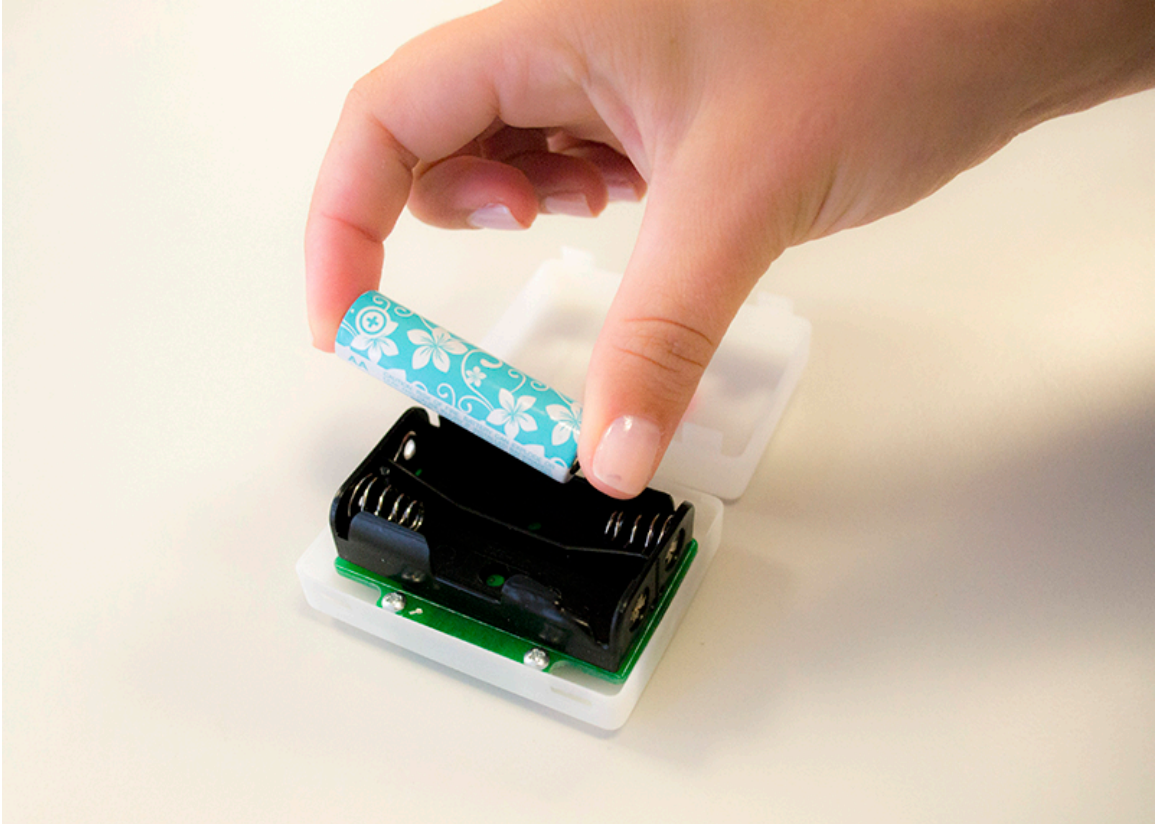
1. Open the Swirl Sensor protective case by gripping the top and bottom cases while squeezing the sides of the bottom case and pulling apart.



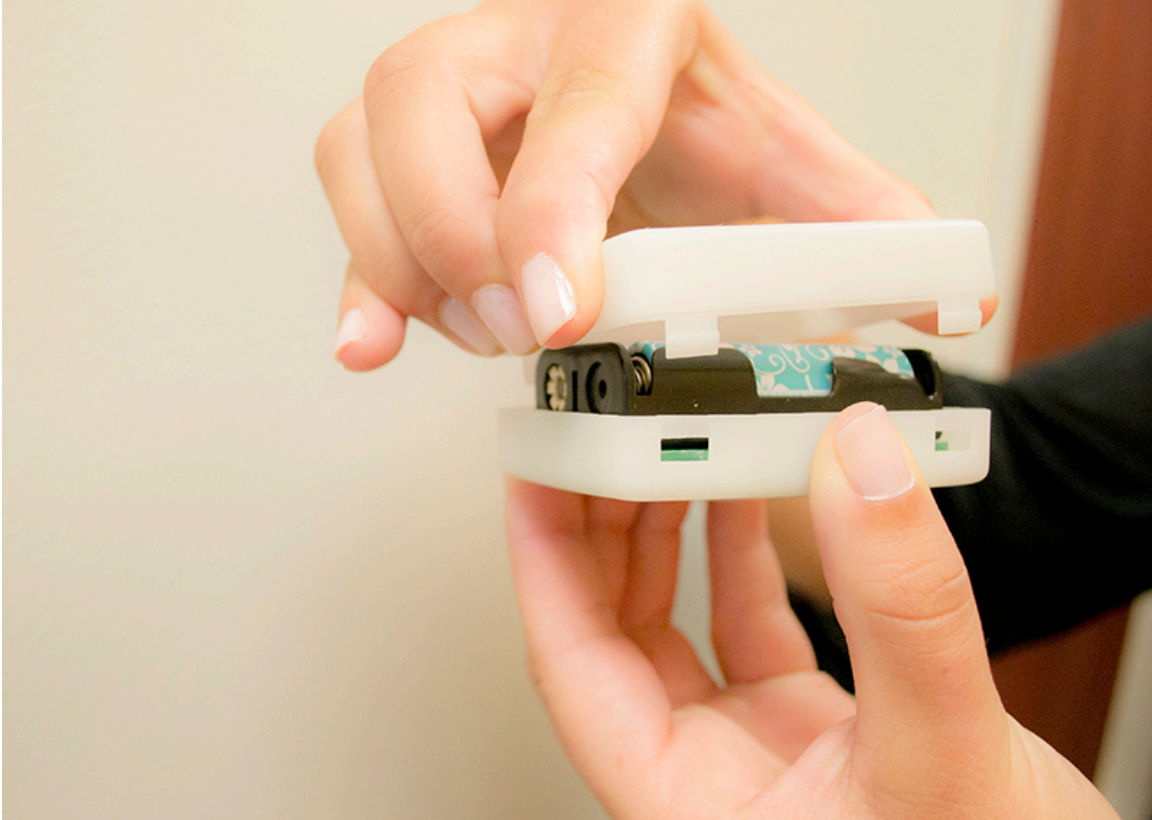
2. Turn the top section of the case upside down to reveal the enclosed circuit board and plastic battery holder.



3. Place the two provided AA batteries in the battery holder making sure to align the positive (+) and negative (-) terminals of the battery as indicated by the diagram markings inside the holder.



4. Re-assemble the top and bottom cases by aligning the two sections over one another while squeezing the sides of the bottom case allowing the bottom case tabs to clear the inside of the top case and snap into place.



5. Once the battery is properly installed, the Swirl Sensor will automatically start broadcasting and advertising its presence. The sensor will automatically be placed into a continuous broadcasting state until the battery is either removed or is depleted of its power.

Note: The sensor does not provide any audio or visual indication upon battery insertion. Sensor operation and battery levels are monitored within the Swirl Administration Console.

6. To position the sensor, peel off the top film liner of the supplied adhesive and place in desired location (see Best Practices for Sensor Placement document for placement recommendations and guidelines). Apply moderate pressure for 5-10 seconds.



7. To remove the sensor from a wall or fixture, twist the bottom section of the sensor case in either a clockwise or counter clockwise manner until the adhesive separates from the case leaving it exposed on the wall or fixture. Remove the adhesive left behind by scraping a corner with your fingertip and peeling and rolling into a ball until it's fully removed.

Note: The broadcasting area of the Swirl Sensor is fixed and controlled by a constant power output setting configured in the sensor's firmware and is not configurable. Configuring the desired area and distance that a sensor will record a detection event can be set and configured in the Swirl Console.

8. Once a sensor's battery is properly inserted and positioned, the sensor must be activated in the Swirl Console (refer to the Swirl Console user guide on how to activate a sensor).

10. To remove or replace a sensor battery, repeat steps above to open the case and pop out the batteries by applying moderate upward pressure until released from the holder.

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