

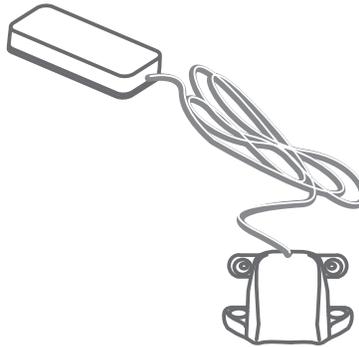
# WS4985 One-Way Wireless Flood Detector

## (English) Installation Instructions

Use this installation sheet along with the associated DSC wireless receiver and control panel installation manuals. All instructions specified within those manuals must be observed.

The WS4985 is a one-way wireless flood detector intended for use with compatible DSC Security Systems. Multiple WS4985 can be enrolled on and supervised by the same security panel up to the maximum supported by that panel.

The flood detector consists of a flood sensor and a wireless transmitter that are connected by a 6ft (1.82m) wire cable, see below. This device continuously monitors for flood conditions. If flood conditions are detected, the WS4985 wirelessly communicates this alarm condition to the control panel receiver.



### Specifications:

Operating Humidity:	xx% RH (non-condensing) at xx°C
Operating Temperature:	-10°C to 60°C
Operating Frequency:	433MHz
Wireless Range:	xxx (show in translations only ) outdoor, line of sight
Battery:	CR2 Lithium (Panasonic/Duracell)
Battery Life:	xx years (under typical use)
Compatible with receivers:	RF5132-433/868, SCW9045/47-433/868, and RFK55XX-433/868 (keypads with receivers)

Out of Box: WS4985, Hardware pack, Installation Sheet

### ACTIVATION, LOCATION and OPERATION

The WS4985 comes with the battery pre-installed. To activate it, hold the WS4985 transmitter firmly in one hand and pull the plastic tab in the direction indicated. Then, select the locations where the transmitter and sensor will be mounted. For detailed operation of your alarm system, refer to the Alarm System user manual.

### ENROLLMENT, PROGRAMMING and PLACEMENT

The one-way wireless flood detector must be enrolled on the security panel before it can transmit system events, supervisory signals, or provide the local WS4985 status (e.g., case and wall tamper switch state, battery state, and line cut state).

#### STEP 1 – ENROLLING

The WS4985 can be automatically enrolled (Quick Enroll) or manually enrolled (Serial Number Programming). Perform one of the following:

#### QUICK ENROLL - Steps 1-4

1. Enter [\*8] [Installer Code] [898] on any system keypad.
2. Place the Flood Detector near the Control panel.
3. Tamper the WS4985 by closing the circuit between the probes of the flood sensor with a screwdriver.
4. The Keypad will display the ESN (electronic serial number). Press [\*] to confirm it.

Flood Detector #	Serial Number
[xxx] #1	
[xxx] #2	
[xxx] #3	
[xxx] #4	

NOTE: The electronic serial number is a 6-digit alphanumeric number located on a sticker on the wireless device.  
5. Repeat steps 2 to 4 to enroll additional WS4985.

## SERIAL NUMBER PROGRAMMING

1. Enter [\*][8] [Installer Code] on a system keypad to enter installer programming on any system keypad.
2. Enter [804] to enter ESN (electronic serial number) programming.
3. Scroll to the desired subsections [01]-[32] (e.g., [01] zone 1... [32] zone 32).
4. Enter the 6-digit ESN located on the back of the unit in the next available zone slot.
5. Repeat steps 3 and 4 to enroll additional devices.
6. Press [#] to exit the current programming section.

## STEP 2 – PROGRAM ZONE DEFINITION

1. Enter Section [001] - [004] zone definition.
2. Define the corresponding zone with the appropriate zone type (e.g., delay (01), instant (03), ...).
3. Press [#] to exit the current programming section.

## STEP 3 – ENABLE WIRELESS ZONE ATTRIBUTE

1. Enter Section [101] - [132] wireless zone attribute.
2. Toggle ON/OFF the desired option (e.g., 1, 2, ...)
3. Press [#] to exit the current programming section.

Note: Turn Option [8] ON (wireless zone attribute) in the corresponding zone attribute section for PowerSeries Systems.

## STEP 4 – DEVICE PLACEMENT TEST

To ensure there is good signal strength from where they are positioned, all wireless devices must be tested.

1. Enter [904] followed by the wireless zone to test (e.g., [01]-[32]).
2. Tamper the WS4985 by closing the circuit between the probes of the flood sensor with a screwdriver.
3. The control panel is programmed to respond with 1 beep if the location is “Good”, and 3 beeps if the location is “Bad”.

## DEVICE MOUNTING

The installer is responsible for ensuring that the WS4985 is securely mounted in the intended location. If mounting the sensor portion onto the floor, locate it where the water will first run to and accumulate. The contacts should touch the floor completely.

Note: DO NOT mount the transmitter portion of the device behind a metal object such a washing machine, refrigerator, or freezer.

1. Sensor Portion: Secure the sensor to the mounting surface with all the screws provided. If surface conditions are unsuitable, the sensor can be attached with silicone.
2. Transmitter Portion: Remove the backplate from the transmitter by inserting a flathead screwdriver into either side of the transmitter. Carefully twist to separate the top and bottom plastic. If using the provided screws, mount the back of the transmitter with them. Otherwise, apply the VHB tape supplied to the back of transmitter and apply it to the surface using firm pressure.

Note: Test the unit at least once yearly.

## BATTERY REPLACEMENT

To replace the battery, insert a flathead screwdriver into either side of the transmitter end and carefully twist to separate the top and bottom plastic. Once separated, the battery will be visible. Remove the old battery and install the new battery in the polarity indicated by the engraving. If the batteries are installed incorrectly, in the reverse polarity, the flood detector will not work. Under typical use the WS4985 is capable of operating on battery power alone without having to change the batteries for xx years. **REPLACE ONLY WITH THE TYPE RECOMMENDED BY THE MANUFACTURER.** Do not try to recharge these batteries. Disposal of used batteries must be made in accordance with the waste recovery and recycling regulations in your area.

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Con la presente la Digital Security Controls dichiara che questo prodotto è conforme ai requisiti essenziali ed altre disposizioni rilevanti relative alla Direttiva 1999/05/CE.

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Hierbij verklaart DSC dat dit toestel in overeenstemming is met de eisen en bepalingen van richtlijn 1999/5/EC.

Par la présente, DSC déclare que cet article est conforme aux exigences essentielles et autres pertinentes stipulations de la directive 1999/5/EC.

DSC vakuuttaa laitteen täyttävän direktiivin 1999/5/EC olennaiset vaatimukset.

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The complete R&TTE Declaration of Conformity can be found at [http://www.dsc.com/listings\\_index.aspx](http://www.dsc.com/listings_index.aspx).

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**IC: 160A-WS4985** The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.



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