



Home Use Stand-Alone Water Detectors
NB 138 series Water Detector
(NB138-12VDC / NB138R-12VDC)
USER'S MANUAL

Protect your home form potential water flood damage by placing anywhere a potential water leak exists – near or beneath sump pumps, plumbing, refrigerators, dishwashers, washing machines, sinks, water heaters, toilets, basements and garages.

Product Features:

1. Sounding a loud alarm signal of exceeding 85 dB at 10 feet at alarm mode.
2. Using advanced electronic design to accurately detect the water leakage.
3. DC Power input.
4. Easy installation and maintenance.
5. Fully automatic operation.
6. Ergonomic design of detector casing.
7. Relay output (1A/24VDC 0.5A/125VAC)

Detector Specification:

Dimensions: — — 1.4 in.(H)×2.4 in. (W)×4.0 in.(L)

3.5 cm(H)×6.0 cm(W)×10.2 cm.(L)

Weight: — — — — — 135g

DC Power: — — — — — DC 12 V—24 V

Sound Intensity: — — — — — $\geq 85\text{dB}$ @ 10 feet (3.0m)

Operating Temperature: — — — — — 32°F to 120°F

(0°C to 49°C)

Storage Temperature: — — — — — -20°F to 150°F

(-29°C to 66°C)

Humidity: — — — — — 80%RH (non-condensing)

Shock Resistance: — — Shock resistant from a 6-ft.

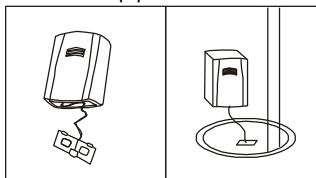
(1.8m)drop onto
concrete

Water Resistance: — — Splash and water resistant, but not
waterproof. Floats on surface

OPERATING INSTRUCTIONS

Positioning the sensor:

The sensor is located on the bottom of the alarm. The alarm can be placed directly on the floor with the sensor compartment closed, or the sensor compartment can be opened and the sensor wires extended up to 6 feet to reach a sump pit or other remote location.



NB138R-12VDC Only:

ADJUSTMENT THE RELAY POSITION

ADJUSTING THE RELAY FOR NO/NC

The normal condition for the relay is “normally open” (NO). If one needs to adjust the relay set point, Open the back cover with the screwdriver. There is a jumper head next to the relay on the PCB. Remove the jumper head and reinsert it in the NC position.

Relay contact rating:

1A@24VDC, 0.5A@125VAC

