PARADOX™
NV37MX
Installation Manual V1.0

Outdoor/Indoor Window and Sliding Door Dual Detector with Anti-Masking and Pet Immunity

General Description

Thank you for choosing the NV37MX for your professional protection needs. The NV37MX EVO version will provide you the most advanced window and sliding door protection either in Pet Immune or Sharp mode, while programming can be done remotely via EVO bus connection. If you have any comments please write to us at Paradox.com/products/feedback.

Recommended Installations (please read)

Outdoor installation permits placements within frames of sliding windows or doors and presumes protection from raindrops. This ensures best catch performance, anti-masking ability, and pet alarm immunity.

Other installations are possible but in outdoor conditions, pet immunity can decrease. Moreover, space near the detector must be clear from obstacles from a distance of 30 to 40 cm (11.8 to 15.7 in.) within its pattern.
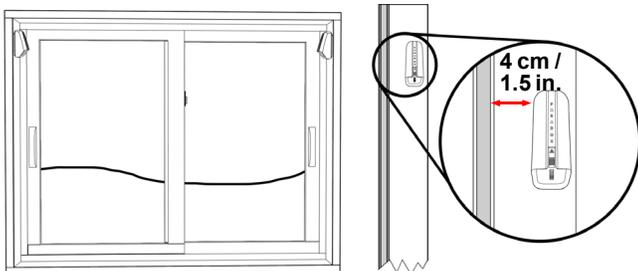
Installing the NV37MX

1. Remove the NV37MX front cover - open the Captive screw.

Figure 1 – Removing the Front Cover **Figure 2 – Main Unit** **Figure 3 – Back Plate**

2. Remove the Main Unit: open the two snap-lock mechanisms on each side of the back cover attaching the Main Unit to the back cover as displayed below. Then remove the Main Unit.
3. Pull the wires from the control panel through the knockout holes and mount the back cover onto the window frame or wall using screws.
   Note: PLEASE KEEP AT LEAST 4 cm / 1.5 in. clearance from window/shutter.

An optional mounting bracket for the NV37MX is available for ordering, part number: SB35.

4. Attach the Main Unit to the back cover - ensure the locks snap closed.

5. Connect the wires to the terminal blocks according to the following wiring assignment.

Table 1: Wiring Assignment

Terminal Connector	Recommended Wiring Assignment	
	Bus Label	Wire Color
1	12V+	Red
2	Minus (-)	Black
3	Data	Green
4	Clock	Yellow

6. Replace the front cover and close the Captive screw.

Note: Do not obscure the detector's field of view.

Programming the NV37MX via Keypad or BabyWare

Via Keypad

1. Enter EVO Installer Programming Mode, programming section 4003.
2. Enter the detector's 8-digit **Serial Number**. Enter the 3-digit Section as per Table 2.

Table 2

Section [001]:

Bit	Function	Status/Description
[1]	LED Display Alarm	ON: Enabled (default) OFF: Disabled
[3]	LED Display Trouble	ON: Enabled (default) OFF: Disabled
[5]	Anti-mask	ON: Enabled (default) OFF: Disabled
[6]	Anti-mask Sensitivity	ON: High (default) OFF: Low

Table 3

Section [002]:

Bit	Function	Status/Description
[1]	Unit Tamper	ON: Enabled (default), OFF: Disabled
[2]	Wall Tamper	ON: Enabled (default), OFF: Disabled
[3]	PET Immunity	ON: Enabled (default) (PET Mode) OFF: Disabled (SHARP Mode)

Section [003]: 00 (Low), **01 (Medium)**, 02 (High)

Via BabyWare

1. Double-click the serial number of the NV37MX to open the detector's programming.
2. Configure the required settings.
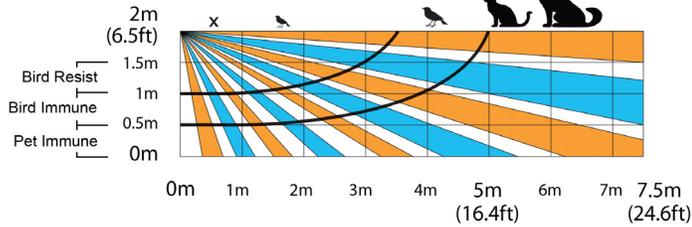
Testing the NV37MX

Perform a Walk-Test to test successful installation: Walk slowly across the far end of the detection range. Ensure detection.

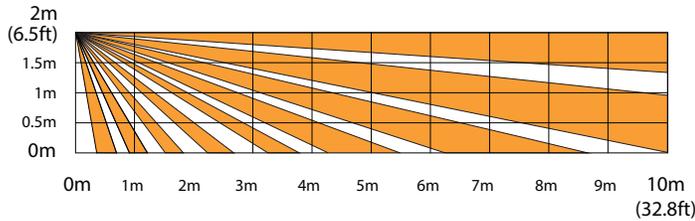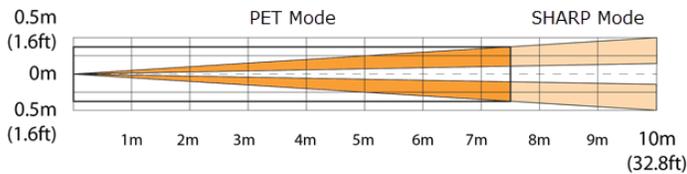Walk test mode lasts 5 minutes after the tamper screw is closed.

KEEPING MY FAMILY SAFE

Beam Pattern

PET Mode

SIDE VIEW:

SHARP Mode

SIDE VIEW:

Top View

TOP VIEW:

Technical Specifications

Model Number	NV37MX
Infrared Sensor type	2 Dual elements
Detection range	• **PET Immunity** mode: 7.5m x 2m (25 x 7 ft) • **Sharp** mode: 10 x 2m (33 x 7 ft)
Super Pet Immunity	Pet size approximately 50cm
Anti- mask	Active IR detection for blocking 30cm and sprayed liquid
Input voltage	9 to 16 VDC
Current consumption	Typical: 15mA Maximum: 19.2mA
Compatibility	EVO systems
Outdoor protection	IP54
Operation temperature	-40°c to +70°c
Relative humidity	95% non-condensing
Dimensions	12.3 x 6.1 x 4.3 cm (4.8 x 2.4 x 1.7 in.)
Certifications	CE, EN50131-2-2 Grade 3, Class IVA Certification Body: Applica Test & Certification ***Note: EN performance tests were conducted on sensitivity level 3 (high).***
Weight	100g / 0.2 lb

LED Display

Feature	LED Status Indicator
Tamper open	Green: ON for 0.3 seconds every 30 seconds
Alarm detection	Red: ON for 2 seconds
Booting/Tamper close	Green/Red alternating flashes for 30 seconds
Anti-mask detection	**Flashing Orange:** Pre-mask situation is detected. Orange LED flashes ON/OFF 3 times. **Solid Orange:** Real mask is detected (can take between 20 -150 seconds after the pre-mask situation). Orange LED will remain solid "ON" while mask is present.