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*Note: Technical Service is for alarm professionals only*

## NAPCO Tech Support

### TECH TIP



**Date:** Friday, October 04, 2024

**Subject:** Adding the Prima **PRETROFIT** into the Prima Super Panel and Adding 345MHz Sensors

**Models:** NAPCO Prima **PRETROFIT** *Translator Module*, NAPCO Prima Super Panel

The **PRETROFIT** *Translator Module* is a wireless 345MHz to 433MHz translator that allows non-Prima sensors to be compatible with the NAPCO Prima Super Panel. The **PRETROFIT** translates the non-Prima unencrypted 345MHz signals into encrypted 433MHz signals compatible with the NAPCO Prima Super Panel. Translated signals include each sensor's alarm, supervisory and trouble transmissions. A maximum of 62 sensors can be enrolled into the **PRETROFIT**. **CAUTION: DO NOT use the PRETROFIT with life safety sensors such as smoke detectors, heat detectors or CO detectors.**

#### To Add the PRETROFIT to the Super Panel

- In the Super Panel's **Add Devices** screen (**Settings > Devices > +**), select "**Translator**".
- Open the **PRETROFIT** enclosure cover and depress/release the tamper switch.
- Confirm the **PRETROFIT** serial number is displayed on the Super Panel screen.
- Type a description for the **PRETROFIT**.

#### To Enroll Wireless 345MHz Sensors into the PRETROFIT

- Open the **PRETROFIT** enclosure cover and connect power. Wait at least 30 seconds for the **PRETROFIT** to fully power up.
- Power all 345MHz sensors to be enrolled into the **PRETROFIT**.
- Press/release the '**Configure**' button to enter Enroll Mode (the blue Enroll Mode LED turns on).
- Trigger each wireless 345MHz sensor's tamper switch (or trigger the sensor to send a violation or fault, such as opening a zone). The **PRETROFIT** sounds a single beep upon each successful 345MHz sensor enrollment, accompanied by the Enroll Mode LED turning green then back to blue. *If the enrollment is unsuccessful or if the sensor was previously enrolled, the LED will turn red.*
- Press the "**Configure**" button to exit Enroll Mode (the LED turns off).

**Note:** The **PRETROFIT** auto-exits Enroll Mode after 10 minutes if no triggered 345MHz signal is received (or if the **PRETROFIT** module cover is replaced). In addition, previously enrolled sensors are retained if you later decide to add additional sensors; even if both the 12VDC input power and battery backup power are removed from the **PRETROFIT**, all previously enrolled sensors are retained.

The next steps will add the sensors enrolled in the **PRETROFIT** into the Super Panel:

- In the Super Panel's **Add Devices** screen (**Settings > Devices > +**), select the correct sensor type.
- Depress/release the tamper switch of the enrolled sensor.
- Confirm the sensor's serial number (SN) is correctly displayed on the Super Panel screen.
- Type a useful description for the Sensor.

#### Factory Reset

To return the **PRETROFIT** to its factory default condition, press / hold down both the **Configure** button and the tamper switch for 10 seconds. When the **PRETROFIT** sounds a long beep; release the switch and button.