

Overview

The TX-6010-01-1 supervised photoelectric smoke alarms are self-diagnostic Learn Mode wireless sensors with a 319.5MHz transmitter, built-in sounder, low battery annunciation, diagnostic/status LED, and integrated fixed temperature and rate-of-rise heat sensors. Each unit will communicate an alarm and trouble condition to a GE compatible control panel. In addition, the mounting tamper will send a trouble condition as necessary.

The TX Series photoelectric smoke alarms continually monitor operational status and provide a visual trouble condition if they drift out of the sensitivity range or fail internal diagnostics.

The series meets NFPA 72 field sensitivity testing requirements without the need for external meters. The alarm sensitivity level can be determined at the unit.

Another feature is built-in drift compensation that allows the alarm to adjust sensitivity automatically as it becomes dirty over time. The drift compensation feature dramatically increases the time between cleaning, as well as reducing the chance of a nuisance alarm.

A low battery pre-alarm feature sends a signal to the alarm company control station long before the smoke alarm begins its low battery chirp. This ensures a pro-active response to replace the battery in a timely manner and without the disturbance caused by an alarm beeping continuously when it nears the end of its life.

Standard Features

- Long life 3V lithium battery operated
- Learn Mode for easy programming
- Reliable 319.5MHz crystal transmitter
- Low battery pre-alarm sent to control station
- Field replaceable optical chamber
- Automatic drift compensation
- Integral heat detection
- Built-in 85dB temporal sounder
- Hush feature
- Low battery pre-alarm sent to control station

Supervised Wireless Smoke Alarms

TX-6010-01-1



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Specifications

Electrical

Voltage	3 VDC
Average standby current	35 μ A, typical
Test current	2 mA, typical
Alarm current	70 mA, typical
Battery type (Note 1)	3V lithium-Duracell® 123, Sanyo® and Panasonic® CR123A
Low battery threshold	2.7 V causes low battery signal

Features

Sounder	85dB at 10 ft., temporal pattern
Low battery beep rate	1 every 45 \pm 2 seconds
Sensitivity	2.3% \pm 0.890%

Environmental

Operating temperature	40 to 100°F (4 to 38°C)
Operating humidity range	0 to 95% noncondensing
RF immunity	20V/minute minimum; 1 to 1000 MHz
Drift compensation adjustment	0.5%/ft. maximum
Rate of rise	15°F/minute > 105°F (8.3°C/minute > 40.6°C)
Fixed	135°F \pm 5°F (57.2°C \pm 2.8°C)
RF frequency	319.5 MHz
Transmitter ID	Preprogrammed, 1 million codes
Modulation type	AM
Signal format	Pulse-width modulation
Output types	Alarm, restore, tamper, low battery, trouble, 1 hour Supervisory

Physical

Color	White
Alarm dimensions	5.6 x 2.4 in. (142 x 61 mm)
Base dimensions	5.4 x 0.46 in. (137 x 12 mm)

Regulatory

Listings	FCC, CSFM
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Note 1: These batteries are the ONLY brands that have been tested and approved for use with the 560/570 series.

Ordering Information

TX-6010-01-1	Supervised residential wireless smoke detector for use with all compatible GE Security panels, 85dBa sounder, fixed/rate-of-rise alarm, transmitter, 2-Lithium batteries, UL 319.5
TX-6010-01-1-10PKG	Same as above - Package of 10 smoke alarms

Accessories

SM-200-12PKG	Smoke! in a Can® (aerosol spray) for functional testing of smoke detectors, pack of 12
SM-EXT1	Smoke! in a Can extension tube
211 -10PKG	Replacement optical chambers, pack of 10
401	Test magnet in a plastic shell for pole mounting



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