

Basic Functionality of the WAVE Siren Audible and Visual Warning System



The WAVE Transmitter

When Strike Guard detects lightning within ALARM range, relays on the Receiver automatically close, triggering the WAVE Transmitter to broadcast digitally encrypted messages to all WAVE Siren Stations within a two-mile radius. WAVE relies on low-frequency RF communication to operate in noisy environments and over challenging terrain. Upon receipt of the RF signal, the WAVE Siren Stations sound audible horns and flash visible lights.

Functions of the WAVE Transmitter

1. Automatic or manual wireless siren actuation
2. Programmable hours of operation
3. Comprehensive, automatic system status monitoring
4. Automated activation of external contact closure
5. Manual Selection of desired transmission via front panel quick select knob



WAVE Siren Stations

WAVE Siren Station horns are modular in design to provide audible notification specific to the desired coverage area and application. Based on coverage area and sound pressure level requirements, Siren Stations can be ordered with up to four 100 W re-entrant horn, high-efficiency compression-drivers.

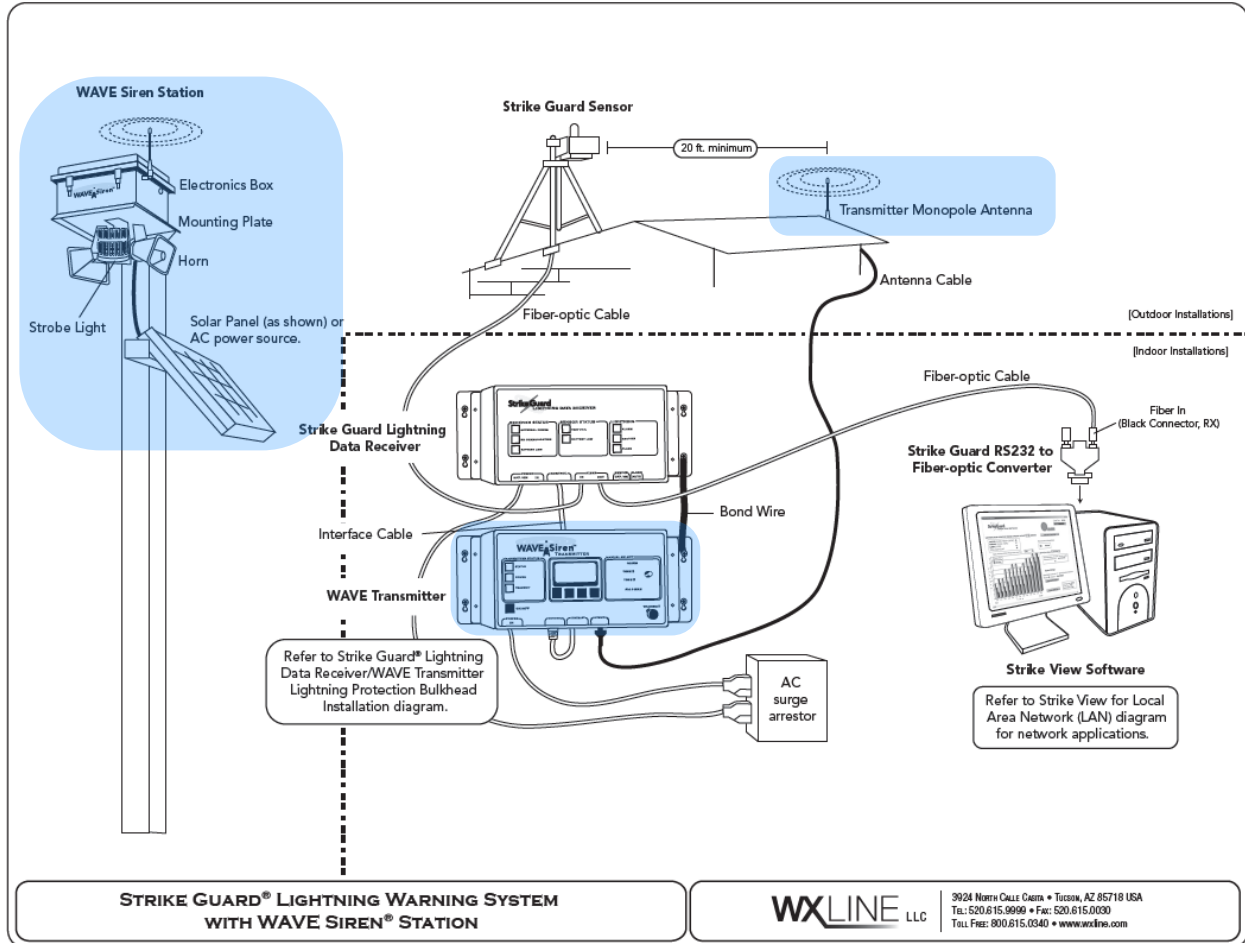
Siren Stations can be activated manually from the Transmitter via the Transmitter keyswitch, by rotating the keyswitch $\frac{1}{4}$ turn momentarily to transmit the selected Siren message.

Functions of the WAVE Siren Station

1. Automatic multi-stage notifications with adjustable volume controls
2. Automatic self-tests with status indicators
3. Programmable hours of operation
4. Solar- or AC-powered Siren Stations available
5. ALL-CLEAR notifications



Installation Diagram: Strike Guard with Strike View Software and WAVE Siren Warning System





About Wxline and the Strike Guard and WAVE Siren Product Lines

Located at 423 South Olsen Avenue in Tucson Arizona, USA, the Wxline factory is used for product development, testing, and manufacturing. Wxline proudly partners with experienced Distributors around the globe. Wxline Distributors support many different industries, including golf, mining, manufacturing, aviation, recreation, military, education, and municipal.

Critical safety equipment must function reliably when needed most, so all products manufactured by Wxline are designed to minimize the potential for human error and function in severe weather and a lightning environment, even if commercial power is lost.

Design Philosophies and Manufacturing Principles

- Automate all system functions
- Harden all electrical and mechanical materials for maximum durability and reliability
- Put control in the hands of the user
- Build upon prior designs for uniformity
- Integrate all systems for inter-connectivity
- Simplify controls to minimize training needs

Wxline warrants that all products it distributes and sells will be free from defects in materials and workmanship for a period of one year from the date of receipt by the end user. Extended Warranties and Advance Exchanges are available for many Strike Guard and WAVE products. If a product proves defective within the respective period, Wxline will provide timely repair or replacement of the product.

Effectiveness and reliability of the Strike Guard and WAVE system is dependent on proper design, installation, monitoring, and maintenance for each unique facility.

For more information on Strike Guard, Strike View, and WAVE Siren Station operations, please reference the Data Sheets and Users' Guides which can be found at

www.wxline.com.



Questions? Connect with Wxline or your Authorized Wxline Distributor

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