



August 11, 1998

G-530

## Wheelock E Series Low-Profile Speakers and Speaker Strobes

Section: Audio/Visual Devices

### GENERAL

Wheelock has enhanced the **E Series Low-Profile Speakers and Speaker Strobes**, designed for high-efficiency sound output and dual voltage (25/70 volt) capability, with field-selectable taps from 1/8 to 2 watts. In addition to the low-profile design that results in more wiring space in standard electrical backboxes, the E Series speakers and speaker strobes now incorporate a new **speaker mounting plate** for faster and easier installation with a built-in level adjustment feature along with the new aesthetically pleasing **two-screw grille cover**. The E Series Speaker Strobe models now incorporate the new low-current, reduced-inrush RSS Series Non-Sync/Sync Strobes. Synchronization of the strobe flash is achieved when used with Wheelock's SM or DSM Sync Module. The strobe is part of the speaker mounting plate and the grille cover mounts easily and securely around the strobe with just two screws.

E Series Speakers provide high audio output with clear audibility and are designed to meet the critical needs of the life safety industry for effective emergency voice communications, tone signaling, and visible signaling to alert the hearing impaired.

All inputs (audio and strobe) are supervised, and they employ In/Out wiring terminals for fast installation using #12 AWG (3.25 mm<sup>2</sup>) to #18 AWG (0.75 mm<sup>2</sup>) wiring. Series E Speakers and Speaker Strobes maximize wire size and number of conductor capacity in standard electrical backboxes.

E Series speaker strobes are designed for maximum performance, reliability and cost-effectiveness while meeting or exceeding the latest requirements of NFPA 72 (National Fire Alarm Code), ANSI 117.1 (American National Standard of Accessible and Usable Buildings and Facilities) and UL Standard 1971 (Standard for Signaling Devices for the Hearing Impaired). E Series speaker strobes, when properly specified and installed in accordance with NFPA/ANSI Standards, can provide the Equivalent Facilitation allowed under ADA Accessibility Guidelines (ADAAG General Section 2.2) by meeting or exceeding the illumination which results from the ADA specified strobe intensity of 75 candela at 50 feet (15.24 m). This is an illumination of 0.030 lumens per square foot.

E Series speaker strobes are UL listed for indoor use, ceiling and wall mounting, under Standard 1971 (Signaling Devices for the Hearing Impaired) and Standard 1480 (Speaker Appliances), and use a Xenon flashtube with solid state circuitry enclosed in a rugged LEXAN® lens to provide maximum reliability for effective visual signaling.

**LISTED**

S2652 (Speakers)  
S2652/S5391  
(Speakers/Strobes)



California 7320-0785:134  
State Fire (Speakers)  
Marshal 7125-0785:145

(Speakers/Strobes)

**MEA**

151-92-E Vol. XXI



**E90 Series  
Speaker Strobe**

**E70 Series  
Speaker Strobe**



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### FEATURES

- Designed to meet or exceed NFPA/ANSI Standards and ADA Accessibility Guidelines. Meets OSHA 29 Part 1910.165.
- All strobe inputs may be supervised with standard reverse-polarity supervision from a Fire Alarm Control Panel.
- High-efficiency design for maximum output at minimum wattage across a frequency range of 400 to 4,000 Hz.

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact **Fire-Lite Alarms**, One Fire-Lite Place, Northford, Connecticut 06472. Phone: (800) 627-3473, Toll Free FAX: (877) 699-4105, FAX Back: (888) 388-3299  
WEB: [www.firelite.com](http://www.firelite.com)

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