

**KMS Series
Alarm Bells**

Section: Audio/Visual Devices

GENERAL

KMS Series bells are low-current, audible signaling devices for use in fire alarm systems or other signaling applications.

FEATURES

- Under-dome design.
- Available in three gong sizes (6", 8", and 10" diameter).
- Low operating current.
- Low "kick" current.
- Indoor/outdoor installation.
- Mount to standard 4" square electrical box.
- Complies with UL 864.

OPERATION

The KMS Series bells use a low-current, high efficiency DC motor to drive the striker. All DC models are polarized for use with supervision circuitry. The operating mechanism is completely enclosed in a cast aluminum base.

APPLICATIONS

KMS Series bells are ideally suited for almost any kind of alarm signaling application. They can be used in schools, factories, office buildings, or private residences. Their low current consumption means additional savings on standby power.

CONSTRUCTION

Each bell gong is made of steel finished in red enamel. The striker is also made of steel, and the mechanism housing is made of cast aluminum. Optional backboxes are of steel finished with red enamel to match the gong.

INSTALLATION

Bells may be installed on a wall surface or semi-flush. A weatherproof backbox (WBB) also permits installation on an exterior wall surface.

California
State Fire
Marshal
7135-0028:117**BSA**
1070-80-SA

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

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PRODUCT LINE INFORMATION

Model Number	Gong Size	SPL Measurement at 10 ft. (3.048 m)*	Rated Input Voltage	Rated Current (mA)	Minimum Starting Voltage
KMS-6-24	6" (15.24 cm)	85 dB	24 VDC	30	12 VDC
KMS-8-24	8" (20.32 cm)	85 dB	24 VDC	30	12 VDC
KMS-10-24	10" (25.40 cm)	85 dB	24 VDC	30	12 VDC
WBB Surface-mount weatherproof backbox, metal, red.					
BB-R Standard 4" square electrical backbox - red enamel finish.					
SFP-R Semiflush plate, mounting trim, metal, red.					
MP-SF/R Semiflush plate, mounting trim, plastic, red.					

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Notes:

* Sound Pressure Level (SPL) measured in accordance with UL Standard 464. UL Standard 464 requires that:

- The units be measured in a reverberant room qualified for pure tones under the methods for Determination of Sound Power Levels of Small Sources in Reverberation Rooms, ANSI S1.21-1972.
- The units be capable of providing a sound output of not less than the sound level provided by an omnidirectional source having an A-weighted sound pressure level equal to the level specified on the unit marking and not less than 75 decibels in any case.

