Multi-Application Peripherals and Accessories

ULC Listed

Bells, Chimes, and Buzzers
2901 Series
Bells

FEATURES:

- Modular Design
- Low Operating Current
- DC Operation
- Standard 4” (10.2 cm) Outlet Box Mounting
- High Output Level

6” (15.2 cm) Bell

10” (25.4 cm) Bell

DESCRIPTION:

The Simplex 2901 series bells are modular in design and provide a loud penetrating sound output that is easily heard over most ambient noise levels.

The 2901 series bells are designed for installation on a standard four inch square electrical box or two inch (gangable or non-gangable) switch box.

Bell guards, which cover the entire unit, are also available for any bell size. The 826 yard hood is designed for outdoor use to mount a bell mechanism with bell gong on a weatherproof box. It is designed to allow a maximum amount of signal level to radiate from the hood outwards, yet protect the audible device from the elements.

Weatherproof applications require a weatherproof back box, Model BBX-4.

SELECTION CHART

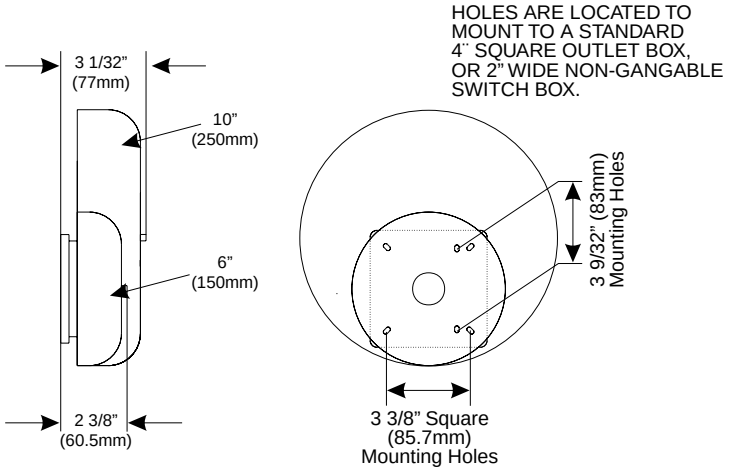
PID #	Gong Size	Rated Voltage	Rated Current	Starting Voltage	Operating Voltage Range	Sound Pressure UL dB Rating	Sound Pressure Indoor Typical
2901-9723	6”	24VDC	25 mA	16VDC	19.2 – 28.8VDC	85 dB	86 - 91 dB
2901-9724	10”	24 VDC	35 mA	16 VDC	19.2 – 28.8 VDC	88 dB	89 - 95 dB

Sound level measurements are made in accordance with UL Standard 484. The sound power output is measured in a reverberant room qualified for pure tones under methods for the Determination of Sound Power Level of Small Sources in Reverberation Rooms, ANSI S1, 21. Bell shall be capable of providing a sound output equivalent to that of an omni-directional source with an A-weighted sound pressure level of at least the level specified in the unit marking but not less than 75 decibels in any case.

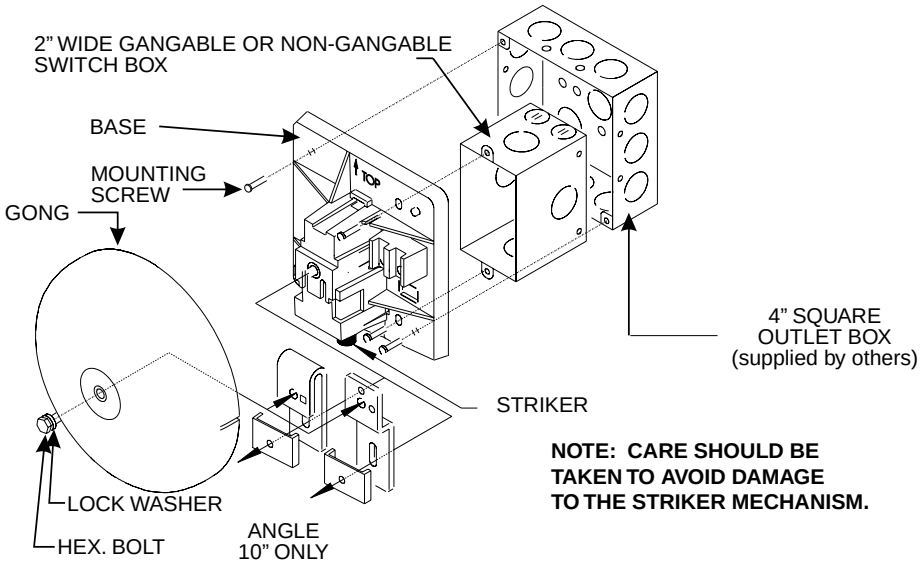
INDOOR MEASUREMENT

Sound level in indoor installation may vary depending on the bell spacing.

BASIC MECHANISM AND GONGS

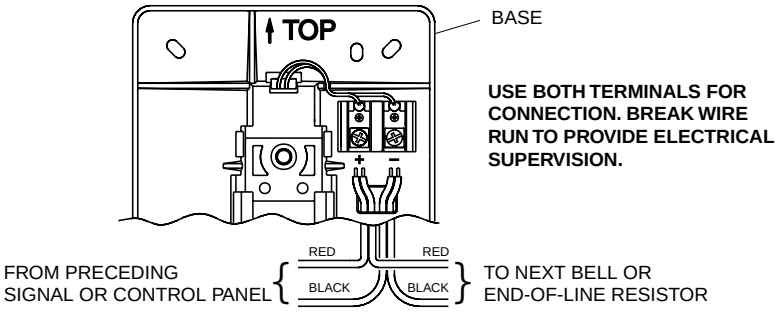


SURFACE INSTALLATION



NOTE: CARE SHOULD BE TAKEN TO AVOID DAMAGE TO THE STRIKER MECHANISM.

WIRING (FRONT VIEW) OBSERVE POLARITY



USE BOTH TERMINALS FOR CONNECTION. BREAK WIRE RUN TO PROVIDE ELECTRICAL SUPERVISION.

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