Honeywell

SDLU Series
Fire Alarm Speakers

GENERAL

The SDLU Series cone-type speakers provide voice and tone signaling in fire alarm applications. All models provide excellent fidelity and unobtrusive grilles.

SDLU flush-mounted ceiling speakers come preassembled to square or round grilles. Speakers, grilles, and enclosures are UL Listed.

FEATURES

- Contemporary design.
- High-quality sound reproduction.
- Multitapped transformers.
- Fire resistant and moistureproof speaker cone, grille, and enclosure.
- Speaker and grille preassembled for simplified installation.

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77-6548
DESCRIPTION

The SDLU Series flush-mounted ceiling speakers provide voice and tone signaling in fire alarm applications and ensure high-quality sound reproduction.

Speakers, grilles, and enclosures are UL Listed.

SPECIFICATIONS

SPEAKERS

Models:
- SDLUAT70CAU1614: 4-inch speaker with square grille; requires SDLU1984 square enclosure.
- SDLUAT70CAU514: 4-inch speaker with round grille; requires SDLU964 round enclosure.
- SDLUHT70CU1618: 8-inch speaker with square grille; requires SDLU1988 square enclosure.
- SDLUHT70CU518: 8-inch speaker with round grille; requires SDLU958 round enclosure.

Electrical Ratings:

<table>
<thead>
<tr>
<th></th>
<th>4-Inch Speakers</th>
<th>8-Inch Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceramic Magnet</td>
<td>5 oz</td>
<td>10 oz</td>
</tr>
<tr>
<td>Frequency Response</td>
<td>400-4000 Hz</td>
<td>100 Hz-10 kHz</td>
</tr>
<tr>
<td>Power</td>
<td>5W rms</td>
<td>12W rms</td>
</tr>
<tr>
<td>Impedance</td>
<td>8 ohms</td>
<td>8 ohms</td>
</tr>
<tr>
<td>Sensitivity at 10 feet</td>
<td>83 dB (at 1 W)</td>
<td>90 dB (at SW)</td>
</tr>
<tr>
<td>Primary Voltage</td>
<td>70.7v</td>
<td>70.7v</td>
</tr>
<tr>
<td>Primary Taps</td>
<td>1/2W and 1W</td>
<td>1/2W, 1W, 2W, and 5W</td>
</tr>
<tr>
<td>Power Rating</td>
<td>2 W</td>
<td>5W</td>
</tr>
</tbody>
</table>

Leads:
- 6 in. (152 mm) long, color-coded.
  4-in. speakers: 22 AWG wire.
  8-in. speakers: 18 AWG wire.

Dimensions:
- See Figures 1 and 2.

GRILLES

Construction:
- Cold-rolled steel.

Finish:
- Hard-baked white enamel.

Dimensions:
- See Figures 1 and 2.

Mounting Hardware Included:
- 8-32 screws for mounting grilles onto enclosures.

ENCLOSURES (Order Separately)

Construction:
- Welded, heavy-gage cold-rolled steel.

Finish:
- Acoustic undercoating.
- Rust-preventive coating.

Dimensions:
- See Figures 1 and 2.

Knockouts:
Each enclosure has four 1/2- and 3/4-in. (13- and 19-mm) combination knockouts.

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Fig. 1. Round Grilles and Enclosures for 4- and 8-Inch Speakers, Approximate Dimensions in Inches (Millimeters).

Fig. 2. Square Grilles and Enclosures for 4- and 8-Inch Speakers, Approximate Dimensions in Inches (Millimeters).
TYPICAL WIRING

Four-Inch Speakers:

Eight-Inch Speakers:

⚠️ SPEAKERS ARE SHIPPED SET AT 1/2 W. RECONNECT FOR INCREASED WATTAGE

⚠️ SPEAKERS ARE SHIPPED SET AT 1/2 W. RECONNECT FOR INCREASED WATTAGE