

Horns

Vibrating

870 Series



The 870 Series vibrating horns are low-current, high decibel, for heavy-duty use and are UL listed to NEMA 4X, NEMA 12 and NEMA 12K enclosure requirements. The die-cast box is suitable for outdoor use and has a durable, corrosion-resistant, electrostatic heat flowed powder epoxy gray finish. They may be used for indoor and outdoor applications.

Horn mounts on 3/4" NPT conduit or to any flat surface. Knockouts are located on the bottom and rear of the unit.

Features

- Convenient plug-in assembly
- Corrosion resistant finish
- Volume adjustable
- Completely assembled
- NEMA 4X, NEMA 12 and NEMA 12K rated enclosure
- Operating range: -20% to +10% of nominal volt

876 AC

- Adjustable output: 88 to 113dB @ 1m (78 to 103dB @ 10ft.)

877 DC

- Adjustable output: 88 to 111dB @ 1m (78 to 101dB @ 10ft.)

Ordering Information

| Description | Cat. No. | Operating Voltage ² | Current | VA | dB at 1m/10ft. ¹ | DC Coil Res (Ohms) |
|-------------|---------------------|--------------------------------|---------|------|-----------------------------|--------------------|
| AC | 876-E5 | 12V AC | 1.25 A | 15 | 113/103 | 1.5 |
| | 876-G5 | 24V AC | 0.63 A | 15.1 | 113/103 | 5.2 |
| | 876-N5 ³ | 120V AC | 0.13 A | 15.6 | 113/103 | 150 |
| | 876-R5 | 240V AC | 0.07 A | 16.8 | 113/103 | 580 |
| DC Horn | 877-E1 | 12V DC | 0.27 A | 3.2 | 111/101 | 6 |
| | 877-G1 | 24V DC | 0.16 A | 3.8 | 111/101 | 24 |
| | 877-J1 | 32V DC | 0.13 A | 4.2 | 111/101 | 40 |
| | 877-K1 | 48V DC | 0.07 A | 3.5 | 111/101 | 96 |
| | 877-P1 | 125V DC | 0.025 A | 3.1 | 111/101 | 600 |

¹Measured in an anechoic chamber.

²AC voltage frequency is 50/60 Hz.

³Diode Polarized version available in red, order 886D-N5.

Accessories

| Description | Cat. No. |
|-------------------|----------|
| Plastic Projector | 872-PO |

Signal Input Load Characteristics

These devices may be operated by PLCs with output characteristics that match the input load requirements of the signal.

| Cat. No. | Operating Voltage | Max. Off State Leakage Current (A) | Continuous On Current (A) | Surge (Inrush/Duration) Amps/Seconds |
|----------|-------------------|------------------------------------|---------------------------|--------------------------------------|
| 876-N5 | 120V AC | 0.025 | 0.120 | 1.02/.000026 |
| 877-G1 | 24V DC | 0.025 | 0.150 | 1.7/.000042 |



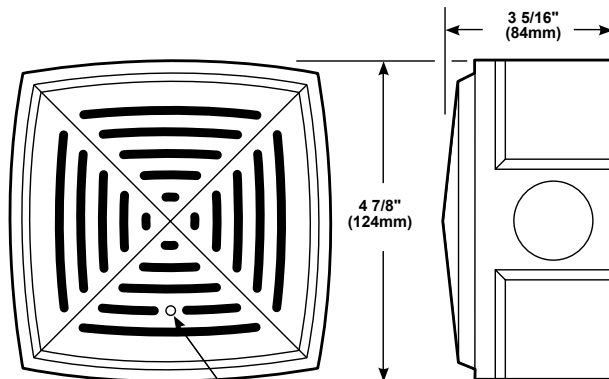
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Weights and Dimensions

| Cat. No. | Approx. Net Weight (lb.) | Approx. Shipping Weight (lb.) |
|----------|--------------------------|-------------------------------|
| 876-E5 | 3.20 | 3.40 |
| 876-G5 | 3.20 | 3.40 |
| 876-N5 | 3.20 | 3.40 |
| 876-R5 | 3.20 | 3.40 |
| 877-E1 | 3.20 | 3.40 |
| 877-G1 | 3.20 | 3.40 |
| 877-J1 | 3.20 <td 3.40 | |
| 877-K1 | 3.20 | 3.40 |
| 877-P1 | 3.20 | 3.40 |
| 872-PO | 0.34 | 0.58 |



Volume adjustment set screw
1/16" (2mm) allen wrench supplied

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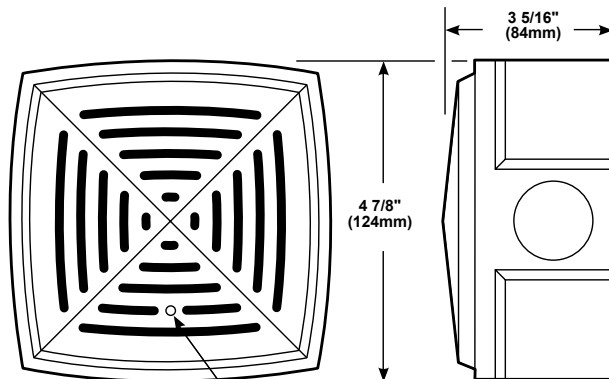
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