

# Horns

## Vibrating

### 870 Series

The 870 Series surface mount vibrating horns are low-current, high decibel horns for heavy-duty indoor use. Supplied complete with mounting plate for easy installation.

#### Features and Specifications

- Corrosion resistant finish
- Volume adjustable
- Completely assembled
- Heavy duty die-cast housing
- Operating range: -20% to +10% of nominal voltage
- Projects only 2" (51mm) from mounting surface

#### 874 AC

- Adjustable output: 88 to 113dB @ 1m (78 to 103dB @ 10ft.)
- 400 hour rating at 50% duty cycle
- FM Approved

#### 875 DC

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



| Ordering Information |                     |                                |         |      |                             |                    |
|----------------------|---------------------|--------------------------------|---------|------|-----------------------------|--------------------|
| Description          | Cat. No.            | Operating Voltage <sup>2</sup> | Current | VA   | dB at 1m/10ft. <sup>1</sup> | DC Coil Res (Ohms) |
| Surface Mount, AC    | 874-E5              | 12V AC                         | 1.25 A  | 15.0 | 113/103                     | 1.5                |
|                      | 874-G5              | 24V AC                         | 0.63 A  | 15.1 | 113/103                     | 5.2                |
|                      | 874-N5 <sup>3</sup> | 120V AC                        | 0.13 A  | 15.6 | 113/103                     | 150                |
|                      | 874-R5              | 240V AC                        | 0.06 A  | 14.4 | 113/103                     | 580                |
| Surface Mount, DC    | 875-C1              | 6V DC                          | 0.70 A  | 4.2  | 111/101                     | 1.6                |
|                      | 875-E1              | 12V DC                         | 0.27 A  | 3.2  | 111/101                     | 6                  |
|                      | 875-G1              | 24V DC                         | 0.16 A  | 3.8  | 111/101                     | 24                 |
|                      | 875-P1              | 125V DC                        | 0.025 A | 3.1  | 111/101                     | 600                |
|                      | 875-S1              | 250V DC                        | 0.014 A | 3.5  | 111/101                     | 2640               |

<sup>1</sup>Measured in anechoic chamber.

<sup>2</sup>AC voltage frequency is 50/60 Hz.

<sup>3</sup>Diode Polarized version available in red, order 884D-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 |
|----------|-------------------|------------------------------------|---------------------------|--------------------------------------|
| 874-N5   | 120V AC           | 0.025                              | 0.120                     | 1.02/.000026                         |
| 875-G1   | 24V DC            | 0.025                              | 0.150                     | 1.7/.000042                          |

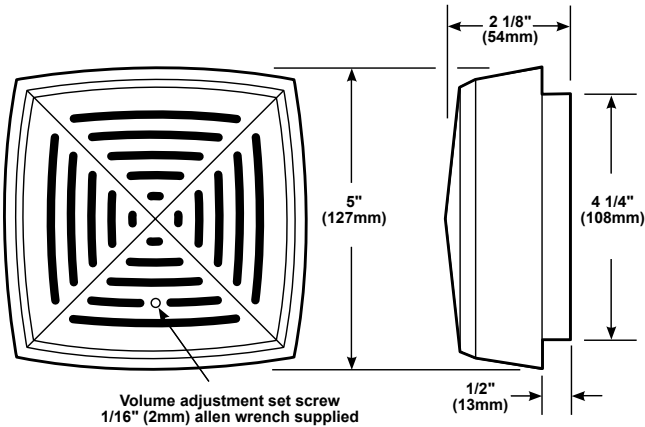


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## Vibrating

### 870 Series

| Weights and Dimensions |                          |                               |
|------------------------|--------------------------|-------------------------------|
| Cat. No.               | Approx. Net Weight (lb.) | Approx. Shipping Weight (lb.) |
| 874-E5                 | 2.60                     | 2.82                          |
| 874-G5                 | 2.60                     | 2.82                          |
| 874-N5                 | 2.60                     | 2.82                          |
| 874-R5                 | 2.60                     | 2.82                          |
| 875-C1                 | 2.60                     | 2.82                          |
| 875-E1                 | 2.60                     | 2.82                          |
| 875-G1                 | 2.60                     | 2.82                          |
| 875-P1                 | 2.60                     | 2.82                          |
| 875-S1                 | 2.60                     | 2.82                          |
| 872-PO                 | 0.34                     | 0.58                          |



Mounts on any single gang, 3 1/4" (83mm), 3 1/2" (89mm), 4" (102mm) octagon or 4" (102mm) square box.

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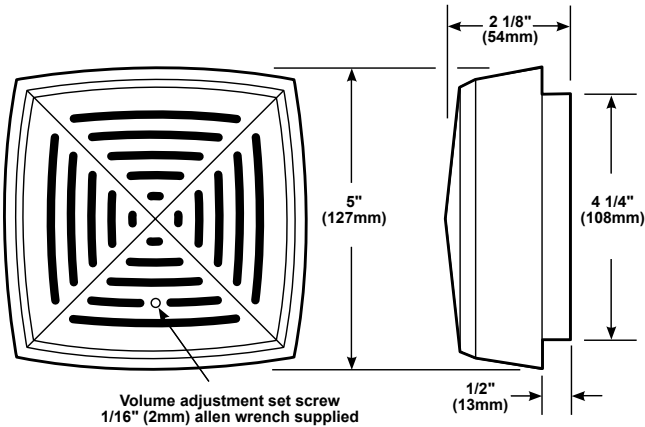


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