

# Horns

## Vibrating

### 870 Series

The 870 Series flush mount vibrating horns are low-current, high decibel for heavy-duty indoor use. Designed for wall or panel installation and projects less than 1" (25mm) from the mounting surface. A trim plate is included and a back box is required.



### Features and Specifications

- Corrosion resistant finish
- Volume adjustable
- Completely assembled
- Heavy duty die-cast housing
- Operating voltage range: -20% to +10% of nominal voltage

#### 870 AC

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

#### 871 DC

- Adjustable output: 88 to 101dB @ 1m (78 to 91dB @ 10ft.)

### Ordering Information

Description	Cat. No.	Operating Voltage <sup>2</sup>	Current	VA	dB at 1m/10ft. <sup>1</sup>	DC Coil Res (Ohms)
Flush Mount AC	<b>870-G5</b>	24V AC	0.63 A	15.1	113/103	5.2
	<b>870-N5<sup>3</sup></b>	120V AC	0.13 A	15.6	113/103	150
	<b>870-R5</b>	240V AC	0.07 A	16.8	113/103	580
Flush Mount DC	<b>871-E1</b>	12V DC	0.27 A	3.2	111/101	6.0
	<b>871-G1</b>	24V DC	0.16 A	3.8	111/101	24
	<b>871-K1</b>	48V DC	0.07 A	3.4	111/101	96
	<b>871-P1</b>	125V DC	0.025 A	3.1	111/101	600
	<b>871-S1</b>	250V DC	0.014 A	3.5	111/101	2640

<sup>1</sup>dB rating measured in anechoic chamber.

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

<sup>3</sup>Diode Polarized version available in red, order **880D-N5**.

### Accessories

Description	Cat. No.
Wall Box	<b>870-B</b>
Plastic Projector	<b>872-PO</b>

### 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
<b>870-N5</b>	120V AC @ 60 Hz	0.025	0.120	1.02/.000026
<b>871-G1</b>	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.)
870-G5	2.06	2.30
870-N5	2.06	2.30
870-R5	2.06	2.30
871-E1	2.06	2.30
871-G1	2.06	2.30
871-K1	2.06	2.30
871-P1	2.06	2.30
871-S1	2.06	2.30
870-B	1.26	1.28
872-PO	0.34	0.58

