

AdaptaHorn® Double Projector Vibrating Horn

Indoor Applications

872DPO & 873DPO Series

FEATURES

- > PLC compatible models
- > Corrosion resistant finish
- > Volume adjustable
- > Completely assembled

AGENCY APPROVALS

- > UL Listed
- > FM Approved (872DPO Series)

SPECIFICATIONS

- > Operating range: -20% to +10% of nominal voltage
 - > Heavy duty die-cast housing
- 872DPO AC Series**
- > Adjustable output: 78 to 101 dB
 - > 400 hour rating at 50% duty cycle
- 873DPO DC Series**
- > Adjustable output: 78 to 99 dB
 - > 200 hour rating

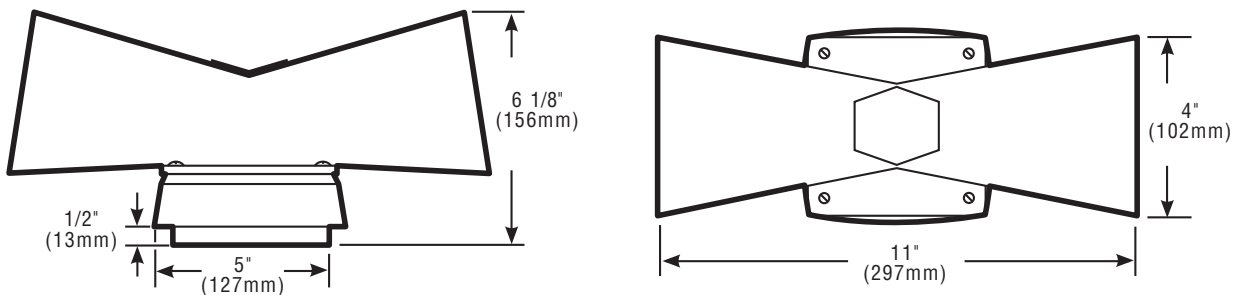
The Edwards 872DPO AC & 873DPO DC Series are low-current, high decibel double projector vibrating horns for heavy-duty use. The double projector is designed for bi-directional signaling without decibel loss. Supplied complete with AdaptaPlate® for easy installation.

Supplied AdaptaPlate allows quick plug-in connection. Horn simply plugs into receptacle on mounting plate. Also mounts on any single gang, 3 1/4" (83mm), 3 1/2" (89mm), 4" (102mm) octagon, or 4" (102mm) square box.

Used in industrial, commercial, and institutional applications for timing, paging, and alarm signaling. Typical applications include signaling equipment malfunction, security, and employee communication.



TECHNICAL INFORMATION



Cat. No.	Volts	Amps	V A	DC coil Res. (Ohms)	dB at 10 Ft.
872DPO-G5	24V AC	.63	15.1	5.2	101
872DPO-N5	120V AC	.13	15.6	150	
872DPO-R5	240V AC	.07	16.8	580	
873DPO-E1	12V DC	.27	3.2	6	99
873DPO-G1	24V DC	.16	3.8	24	
873DPO-J1	32V DC	.13	4.2	40	
873DPO-P1	125V DC	.025	3.1	600	
873DPO-S1	250V DC	.014	3.5	2640	

PLC COMPATIBILITY - SIGNAL INPUT LOAD CHARACTERISTICS*

Cat. No.	Operating voltage Volts	Max. off state leakage current mA	Continuous on current mA	Surge (inrush/duration) Amps/milliseconds
872DPO-N5	120V AC	25	120	1.02/.000026
873DPO-G1	24V DC	25	150	1.7/.000042

*This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Electromechanical devices can produce transient spikes and should only be used on PLC output cards that have inherent transient spike suppression. Consult the PLC manufacturer prior to connecting 24V DC electromechanical devices to PLCs.