



► Model 450E

## Vibratone® Electronic Horns

Model 450E electronic horn offers a loud, clear, and distinctive tone. It's often used for general alarming, start and dismissal noticing, coded paging, and process control in high ambient noise areas. Its four-wire terminal block and supervisory diodes design make it ideal for fire alarm applications.

Model 450E's polycarbonate housing and polymeric speaker are corrosion-resistant and weatherproof for improved durability in harsh industrial environments. It has no detectable RF emissions in a 30 MHz to 1000 MHz frequency range, which minimizes the potential for electrical device interference.

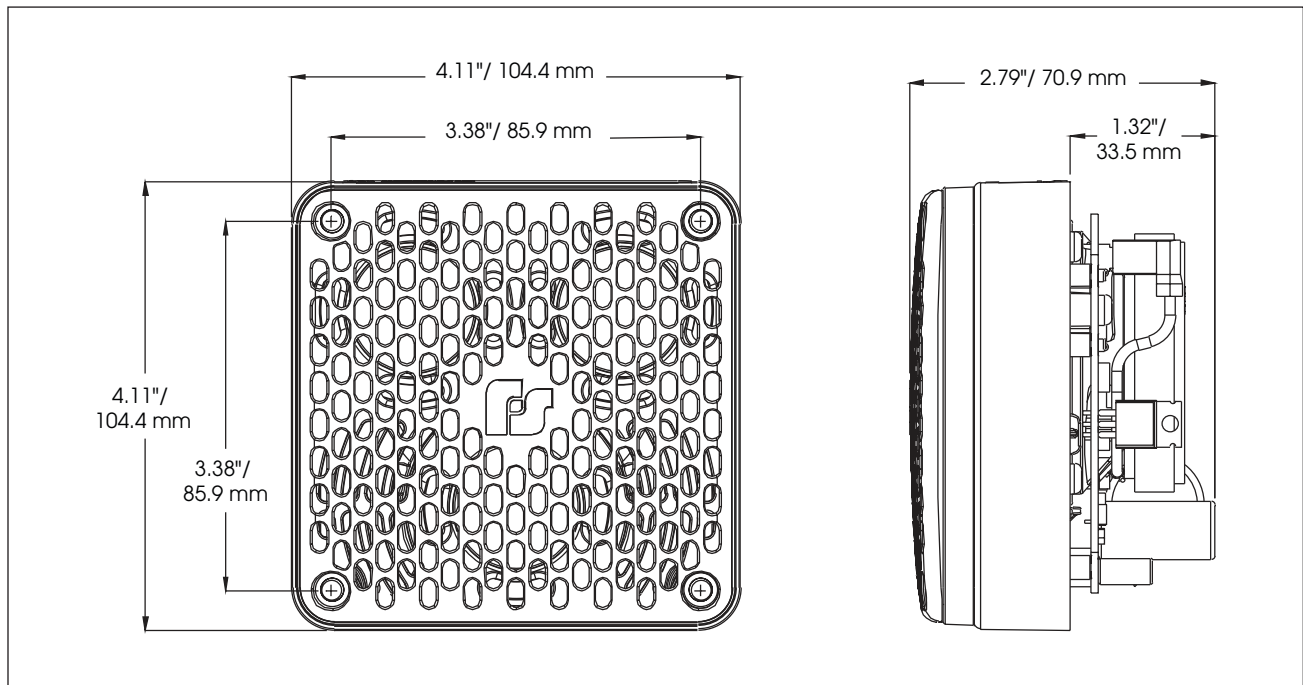


### FEATURES

- Fire Regulated 16-33 Vdc  
General Purpose Signal 12-24 Vdc
- Coded or sustained tones
- No duty cycle or interval limitations
- 99 dBa at 10' on axis (109 dBa at 1 m on axis)
- Four-wire terminal block and supervisory diode
- Type 4X when installed with Panel Mount Gasket (included) or optional Non-metallic Weatherproof Backbox (Model WB-NM)
- Marine Rated
- CSFM Approved
- UL and cUL Listed
- UL Fire Listed and ULC Canadian Fire Listed
- CE and UKCA certified

MODEL	VOLTAGE	OPERATING CURRENT	DECIBELS UL 464		DECIBELS ON AXIS	
			10'	1 m	10'	1 m
<b>450E-024</b>	Fire Regulated 16-33 Vdc	0.25 A	89	99	98	108
	General Purpose Signal 24 Vdc	0.22 A	N/A	N/A	99	109
	General Purpose Signal 12 Vdc	0.12 A	N/A	N/A	94	104

# Vibratone® Electronic Horns (450E)



## SPECIFICATIONS

Operating Temperature:	-65° to 150°F (-54° to 66°C)
Housing:	Non-metallic Polycarbonate Light Gray (RAL 7035)
Net Weight:	1.0 lb (0.45 kg)
Shipping Weight:	1.3 lb (0.59 kg)
Height:	4.11 in (104.4 mm)
Width:	4.11 in (104.4 mm)
Depth:	2.79 in (70.9 mm)

## REPLACEMENT PARTS

Description	Part Number
Panel mount gasket, 4X	<b>K843500552A</b>

## HOW TO ORDER

### Specify Model:

Description	Part Number
Vibratone Electronic Horn	<b>450E-024</b>



**PR2-NM**



**WB-NM**



**WB**

## ACCESSORIES

Description	Part Number
Wall box for flush mounting the Vibratone horn in stud, 4" block, or other shallow wall construction; 4-3/8" square box; 2-7/8" deep; shipping weight 2 lb (0.91 kg)	<b>FB</b>
Same as FB, but 3-13/16" deep for 6" x 8" concrete block, cinder block, or other deep wall construction; shipping weight 3 lb (1.36 kg)	<b>FBL</b>
Flush grille which attaches to the basic unit and serves as the cover of the plastered-in FB flush box; 6" H x 6" W x 1/8" D; shipping weight 1 lb (0.45 kg)	<b>FG</b>
Non-metallic double projector directs sounds to both sides when attached to 350/450E models; ideal for use in hallways; 4" H x 11-1/2" W x 4" D; shipping weight 1 lb (0.45 kg)	<b>PR2-NM</b>
Molded thermoplastic, neoprene-gasketed, weatherproof housing for outside use, complete with mounting lugs; provided with (3) entrances for 1/2" conduit; 4-3/8" square box; 2-7/16" deep, offset mounting lugs on 5" centers; shipping weight 1 lb (0.45 kg)	<b>WB-NM</b>
Cast aluminum neoprene-gasketed weatherproof housing for outside use, complete with mounting lugs; tapped for 1x 1/2", 2x 3/4" conduit; 4 3/8" square box; 2" deep mounting lugs on 4 1/2" centers; shipping weight 1 lb (0.45 kg)	<b>WB</b>
Electro-Mechanical Rotational Mounting Kit	<b>EM-KIT-RS</b>

\* Compatible if used with WB-Gray, WB-Black or WB-NM- Gray Boxes