



Field Programmable Electronic Horn

2447TH

FEATURES

- > Low current draw
- > Supervised wiring
- > Terminals for easy wiring
- > Red or white flame resistant housing
- > Engineered thermoplastic housing UL flame rated 94V-0

AGENCY APPROVALS

- > UL 464 Listed
- > CSFM Listed

The Edwards 2447TH series is a low current, high decibel, high quality notification appliance intended for use in fire alarm applications. The horn is a self-synchronized, temporal signal that meets the requirements of NFPA 72. It is suitable for wall or ceiling mounting in outdoor or indoor applications. Both output level and sound pattern are field selectable. The unit comes factory set for a temporal signal with a 104 dB output.

The 2447TH is designed for indoor or outdoor wall or ceiling mounting. For flush mounting use a standard 4" (102mm) square box. For surface mounting, use Cat No. 2459-SMB-R (red) or 2459-SMB-W (white) surface mount box. For weatherproof mounting, use weatherproof surface box Cat No. 2459-WPB-R (red) or 2459-WPB-W (white).

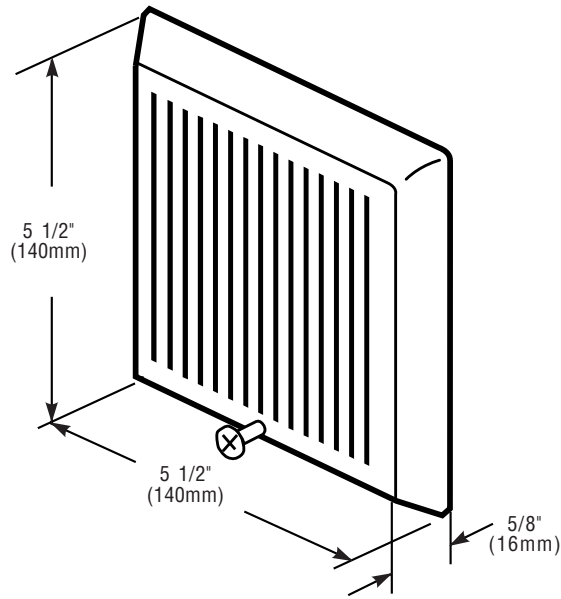
The 2447TH electronic horn is an audible signaling appliances for installations that operate in conjunction with an installed fire alarm panel and detection devices.

ACCESSORIES

Cat. No.	Description
2459-SMB-R	Surface mount box, red
2459-SMB-W	Surface mount box, white
2459-WPB-R	Weatherproof mount box, red
2459-WPB-W	Weatherproof mount box, white



TECHNICAL INFORMATION



Catalog Number	2447TH-(†)				2447TH-(†)			
Tone	Temporal				Continuous			
Operating Voltage (-20% to +10% of nom.)	20-24VDC		20-24 FWR		20-24VDC		20-24 FWR	
Operating Current ¹	Low Volume 20mA	High Volume 40mA	Low Volume 23mA	High Volume 52mA	Low Volume 20mA	High Volume 40mA	Low Volume 23mA	High Volume 52mA
Output*	Low Volume		High Volume		Low Volume		High Volume	
Anechoic Peak**	99dBA		104dBA		99dBA		104dBA	
Anechoic Avg**	94dBA		98dBA		94dBA		98dBA	
Reverberant Room#	75dBA		82dBA		82dBA		85dBA	
Indoor Operating Environment	93% relative humidity at 104°F (40°C); 32°F to 120°F (0° to 49°C) variable ambient							
Outdoor Operating Environment	98% relative humidity at 104°F (40°C); -31°F to 150°F (-35° to 66°C) variable ambient							
Temporal Pattern	1/2 sec on, 1/2 sec off, 1/2 sec on, 1/2 sec off, 1/2 sec on, 1 1/2 sec off, repeat cycle							

* at 10 ft. (3.05m) ** at 24V DC # per UL464 at 24V DC † insert "R" for red or "W" for white

Note 1: Use the mean current to establish the maximum number of horns, wire gauge, and standby power requirements. 2400 Series uses 24V DC. Fire Shield uses 24V DC FWR.