

Features

- Super-Slide® Bracket – Ease of Supervision Testing
- Wall or Ceiling mount
- Checkmate® – Instant Voltage Verification
- Synchronize horn with Potter GTSM module
- Produces a 520Hz square wave, temporal 3 tone
- Jumper selection for normal or loud dBA
- Temporal 4 pattern available when used with GTSM module
- Tamperproof re-entrant style grill and locking screw (Optional)
- Faceplate available in red or off white
- 5 year warranty



Application

The LFH Series is a high quality, low profile, audible appliance designed to meet the NFPA 72 requirements to install low frequency (520Hz) signaling in sleeping rooms.

Description

The LFH horn offers a 520Hz square wave, temporal 3 tone. A jumper selection is available for normal or loud decibel tone. A temporal 4 pattern is available when used with the Potter GTSM Synchronization Control Module.

The LFH is equipped with a universal 4" metal mounting bracket which incorporates the popular Super-Slide® feature that allows the installer to easily pre-wire the system and test for supervision. The product also features a locking mechanism that secures the signal to the bracket without showing any screws and the Checkmate® - Instant Voltage Verification Feature which allows the installer to check the voltage drop, current draw, and match against the blue print.

Product Listings

- Listed to ANSI/UL 464 and CAN/ULC S525
- CSFM: Pending

Technical Specifications

Operating Voltage	Nominal 24VDC (16-33VDC)
Operating Temperature	32°F - 120°F (0° - 49°C)
Dimensions	6-1/8" H x 5 1/2" W x 1-5/8" D
Wiring Connections	Terminals accept 18 - 12 AWG
Mounting	Single gang, double gang, or 4" square back box

Ordering Information		
Model Number	Stock Number	Body Color
LFH-24R	4890070	Red
LFH-24W	4890071	Off-White

Model Designations

“R” = Red

“W” = White

All units are plain (no lettering)

Horn Levels: Reverberant Room		
Horn Setting	Minimum dBA at 10', Per UL 464 (NORMAL)	Minimum dBA at 10', Per UL 464 (HIGH)
Temporal 3 520 Hz	77.8 dBA	79.8 dBA
Temporal 4* 520 Hz	81.5 dBA	83.4 dBA

24VDC Normal Horn Current Rating (mA)				
Horn Setting	24VDC Operating Current (NORMAL)	24VDC Operating Current (LOUD)	24VFWR Operating Current (NORMAL)	24VFWR Operating Current (LOUD)
Temporal 3 520 Hz	72.1 mA	120.1 mA	104.6 mA	158.4 mA
Temporal 4* 520 Hz	75.9 mA	116.0 mA	108.1 mA	182.0 mA

Horn Current Ratings Over Input Voltage Range of 16-33V (mA)				
Horn Setting	Regulated 24VDC Max Operating Current (NORMAL)	Regulated 24VDC Operating Current (LOUD)	Regulated 24VFWR Max. Operating Current (NORMAL)	Regulated 24VFWR Max. Operating Current (LOUD)
Temporal 3 520 Hz	99.4 mA	155.8 mA	152.1 mA	213.5 mA
Temporal 4* 520 Hz	100.1 mA	157.2 mA	163.1 mA	235.2 mA

* Temporal 4 520 Hz measured per ANSI/UL 2075

- For nominal and peak current across ANSI/UL regulated voltage range for filtered DC power and unfiltered (FWR [Full Wave Rectified]) power, see installation manual.
- The sound output for the temporal 3 tone is rated lower since the time the horn is off is averaged into the sound output rating.
- RMS current ratings are per ANSI/UL average RMS method. ANSI/UL max current rating is the maximum RMS current within the listed voltage range (16-33VDC for 24VDC units). For unfiltered FWR ratings, see installation manual.