

GX93 Series

12 VDC / 24 VDC Mini-Horn

24 units per carton, 6 pounds per carton

Applications

The GX93 Series mini-horn is a high quality remote audible signaling appliance that offers dependable remote annunciation. The GX93 is ideal for applications where a dependable audible alarm signal is required in applications such as hotels, dormitories and apartments. The GX93 is listed for use with both filtered and unfiltered power and a jumper is provided to select either temporal 3 or continuous tone.

The GX93 can be used on the same sync circuit as other Gentex signals. The GX93 Series is ANSI/UL 464 and CAN/ULC S525 listed for use with fire protective systems and are warranted for three years from the date of purchase.

Standard Features

- Single unit is capable of 12 VDC or 24 VDC determined by the input voltage
- Unit dimensions: 4.48" (11.38 cm) high x 2.84" (7.21 cm) wide x 0.5" (1.27 cm) deep
- Jumper selectable temporal 3 or continuous tone
- Horn frequency is 3100Hz
- Low current consumption
- Terminal blocks 12 AWG to 18 AWG
- Variety of mounting options for new construction and retrofit applications
- Synchronize with Gentex AVSM Series control module
- Faceplate available in red or off-white



GX93 Mini Horn

Model	Part Number	Reverberant dBA at 10ft.	Anechoic Room dBA at 10ft.
GX93-R	904-1276-002	78-86 dBA	90 dBA
GX93-W	904-1277-002	78-86 dBA	90 dBA
GX93-PR	904-1267-002	78-86 dBA	90 dBA
GX93-PW	904-1268-002	78-86 dBA	90 dBA

R = Red Faceplate, W = White Faceplate

All units are available in plain
Plain units are not returnable

GX93 12 VDC / 24 VDC Mini-Horn Decibel (dBA) and Current Ratings (mA)

Horn Mode	12 VDC (8-17.5 Volts)		24 VDC (16-33 Volts)	
	Horn Decibel Levels (dBA)	Horn Current Ratings (mA)	Horn Decibel Levels (dBA)	Horn Current Ratings (mA)
	Minimum SPL at 10ft. per ANSI/UL 464	UL MAX Regulated 12 VDC Operating Current	Minimum SPL at 10ft. per ANSI/UL 464	UL MAX Regulated 24 VDC Operating Current
Temporal 3	81 dBA	13 mA	78 dBA	18 mA
Continuous	86 dBA	7 mA	83 dBA	21.1 mA

Product Listings



- ANSI/UL 464 Listed
- CAN/ULC S525 Listed
- CSFM Listing 7135-0569:126
- BFP (City of Chicago)
- MEA #285-91-E-XVI

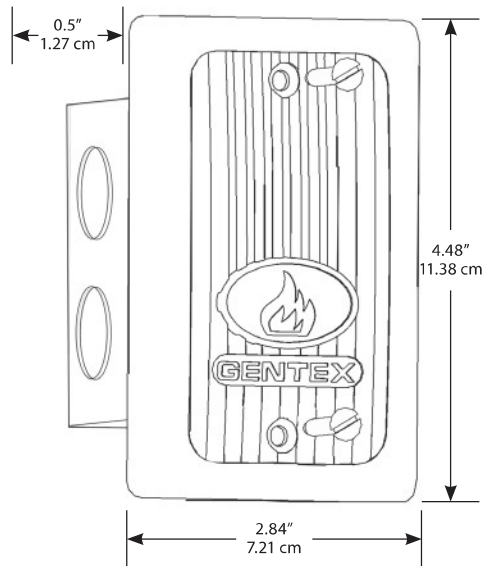
Product Compliance

- NFPA 72
- IBC/IFC/IRC
- Quality Management System is certified to: ISO 9001:2008

GX93 Series

12 VDC /24 VDC Mini-Horn

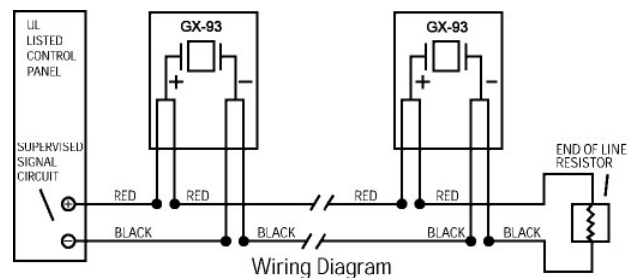
Mini-Horn Mounting



Notes

- Operating temperature: 32° to 120°F (0° to 49°C)
- The GX93 Series is not listed for outdoor use
- 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. While the horn is producing a tone in the temporal 3 mode, its sound pressure is the same as the continuous mode.
- This appliance is not recommended for use on coded or pulsing signaling circuits

Mini-Horn Wiring



Architect & Engineering Specifications

The alarm horns shall be Gentex model GX93 or approved equal shall be listed with Underwriters Laboratories (ANSI/UL) for use with fire protective signaling systems ANSI/UL 464 and CAN/ULC 5525 and produce a peak sound output of 90dBA or greater at 12 VDC or 24 VDC as measured in an anechoic chamber. Additionally, the user shall be able to select either continuous or temporal tone output with the temporal signal having the ability to be synchronized. The mini-horn shall have an operating current of 18 mA or less at 24 VDC at the temporal 3 horn setting and 13 mA or less at 12 VDC at the temporal 3 horn setting. The appliance shall be of solid-state construction and be polarized to allow for electrical supervision of the system wiring. The appliance shall be provided with 2 terminals, and mount to a variety of single-gang back boxes.

GENTEX
CORPORATION

Fire Protection Products Group | 10985 Chicago Drive | Zeeland, MI 49464
gentex.com | Phone: 616.392.7195 | Toll-free: 800.436.8391 | Fax: 616.392.4219

551-0032-04

Important Notice: These materials have been prepared by Gentex Corporation ("Gentex") for informational purposes only, are necessarily summary, and are not purported to serve as legal advice and should not be used as such. Gentex makes no representations and warranties, express or implied, that these materials are complete and accurate, up-to-date, or in compliance with all relevant local, state and federal laws, regulations and rules. The materials do not address all legal considerations as there is inevitable uncertainty regarding interpretation of laws, regulations and rules and the application of such laws, regulations and rules to particular fact patterns. Each person's activities can differently affect the obligations that exist under applicable laws, regulations or rules. Therefore, these materials should be used only for informational purposes and should not be used as a substitute for seeking professional legal advice. Gentex will not be responsible for any action or failure to act in reliance upon the information contained in this material. Gentex Corporation reserves the right to make changes to the product data sheet at their discretion.