

## Features

Low current, 24 VDC electronic design

Diode polarized input for connection to reverse polarity, supervised Notification Appliance Circuit

Red housing with white "FIRE" lettering

Convenient semi-flush or surface wall mounting:

- Mounts to standard 4-inch square outlet box
- In/out wiring terminals for 18 to 12 AWG

High impact, flame retardant PC/ABS thermoplastic

Compatible with Autocall modular audible/visible adapter plates

Models A4905-9921 and A4905-9925

UL listed to Standard 464



Fig 1: A4901-9822 Electronic Horn

## Description

The Autocall A4901-9822 electronic horn is an audible notification appliance that provides a loud and penetrating output. Horn output is a steady, harmonically rich sound that can be easily coded by the controlling notification appliance circuit (NAC).

This horn will mount semi-flush on a standard 4" square (102 mm) electrical box and has wiring terminals capable of accepting up to 12 AWG wire. Optional accessories are available to increase mounting and application flexibility (refer to page 2 for details).

## Specifications

Table 1: Specifications

Specification	Rating
Rated Voltage Range**	16 VDC to 33 VDC
Current	25 mA
Wire Size	18 AWG to 12 AWG (0.82 mm <sup>2</sup> to 3.31 mm <sup>2</sup> )
Sound Output @ 10 ft (3m) per UL 464 Reverberant Chamber Test	80 dBA @ 16 VDC 85 dBA @ 33 VDC
Frequency Output	2400 to 3700 Hz sweep, modulated at 120 Hz rate
Operating Temperature Range	32° F to 120° F (0° C to 49° C)
Humidity Range	10% to 95%, Non-condensing @ 86° F ( 30° C)
Housing Dimensions	4-3/4" H x 4-3/4" W x 1-3/16" D (121 mm x 121 mm x 30 mm)
Total Depth	1-13/16" (46 mm)
Extension into Box	5/8" (16 mm)

**Note:** \*\* The rated voltage range listed is the absolute operating range. Operation outside of this range may cause permanent damage. Please note that 16 VDC is the lowest operating voltage that is allowed at the last appliance on the notification appliance circuit under worst case conditions. NAC voltage drops and standby battery calculations should be made using anticipated operating conditions.

## Product and Accessories

Table 2: Product

SKU	Description
A4901-9822	Electronic Horn, red housing with white "FIRE" lettering

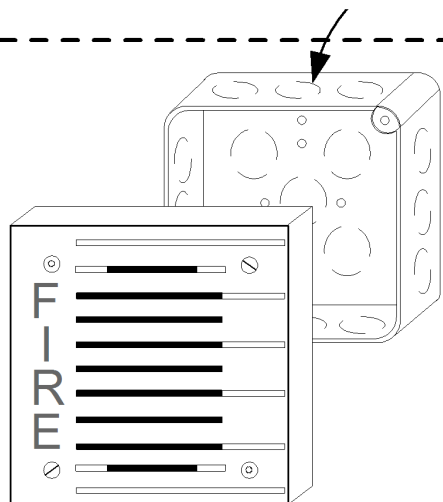
Table 3: Accessories

SKU	Description
A4905-9921	Modular Adapters for combining audible and visible notification appliances onto a common mounting plate (refer to Autocall data sheet <b>AC4903-0007</b> )
A4905-9925	

\* Additional listings may be applicable; contact your local product supplier for the latest status.

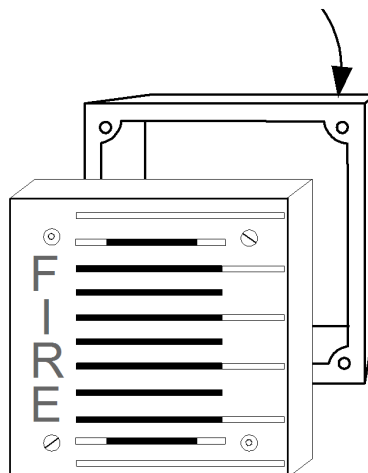
## Mounting Information

4" Square, 1-1/2" deep box,  
(RACO 190 or equal), by others



**Semi-Flush Mount**

Wiremold R5752, 2 gang box,  
4-11/16" square, 1-3/8" deep, by  
others, no adapter plate required



**Surface Mount**