

# Carina Single-Channel IP Paging Zone Controller

## *Installer's Guide*



## Getting Started

This step-by-step guide will help you install your Wahsega Carina IP Paging Zone Controller.

## What's in the Box



**(1) IP Paging Zone Controller**

**(1) 2-Pin male connector**

**(1) 6-Pin male connector**

**(1) 8-Pin male connector**

**(1) Ferrite cable clamp**

## What You Will Need

- **PoE power**
  - Power-over-Ethernet (PoE 802.3af) switch
- **Remote communication point**
  - Wahsega Event Manager
- **Network cable** (Cat 5e or Cat 6)
- **Audio cable(s) with RCA mono male connector**

## Wiring

### Power

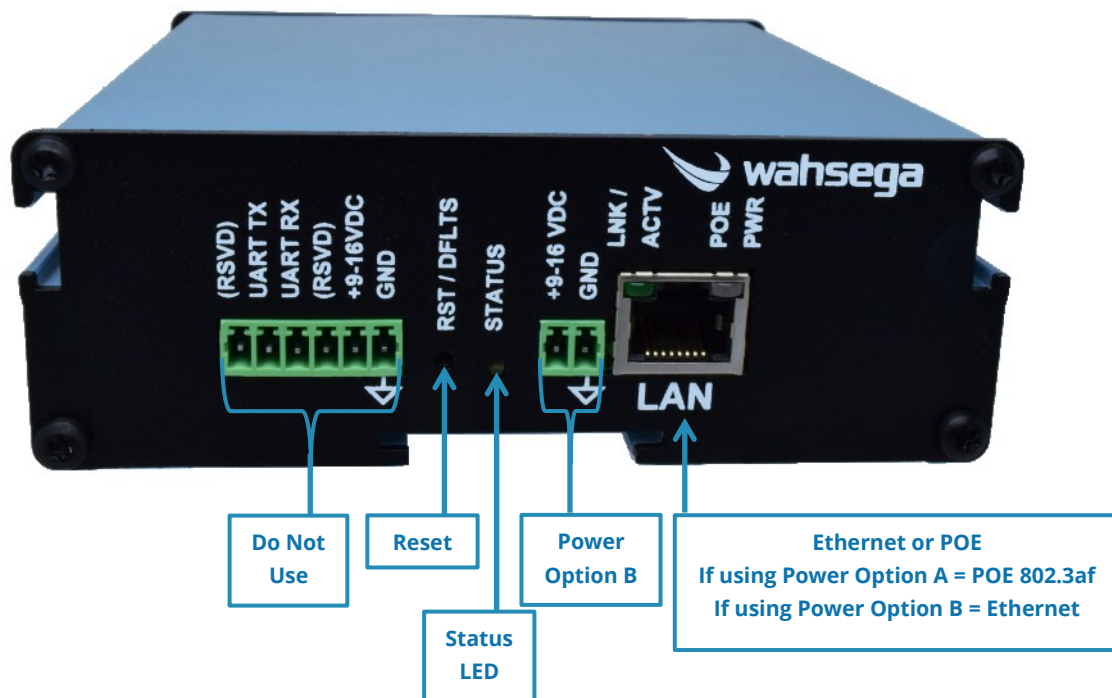
**Option A:** To use Power-over-Ethernet (POE 802.3af), route a Cat 5e or Cat 6 Ethernet cable from a PoE switch or injector to the LAN port.

**Option B:** Alternately, use the included 2-pin male connector to connect +9-16VDC and Ground wires for power. Use standard (unpowered) Ethernet for data.

**NOTE:** Use either POE or 9-16V for power. DO NOT USE BOTH.

### Status

The status LED will increase in brightness as the zone controller is powering up and will remain steadily lit when the unit is successfully powered.



## Audio Inputs / Outputs

**LINE OUT (unbalanced)** – Connect to amplifier via RCA mono connector. Configure audio settings in configuration webpages as described in User’s Guide.

**LINE IN** – Connect audio in from source via RCA mono connector cable. For best results, use a mono audio source. Configure audio settings in configuration webpages as described in User’s Guide.

**BALANCED AUDIO OUT** – If using balanced audio out (and not the unbalanced RCA connection), connect here using included 3-pin male connector.

- Pin 1 (+) is hot connection.
- Pin 2 (-) is cold connection.
- Pin 3 (AGND) is analog ground.

**RELAY** – The relay connector is a 3-pin male connector (included), wired to a Form C relay (SPDT) with contacts rated for 30VDC or 270VAC at 3A.

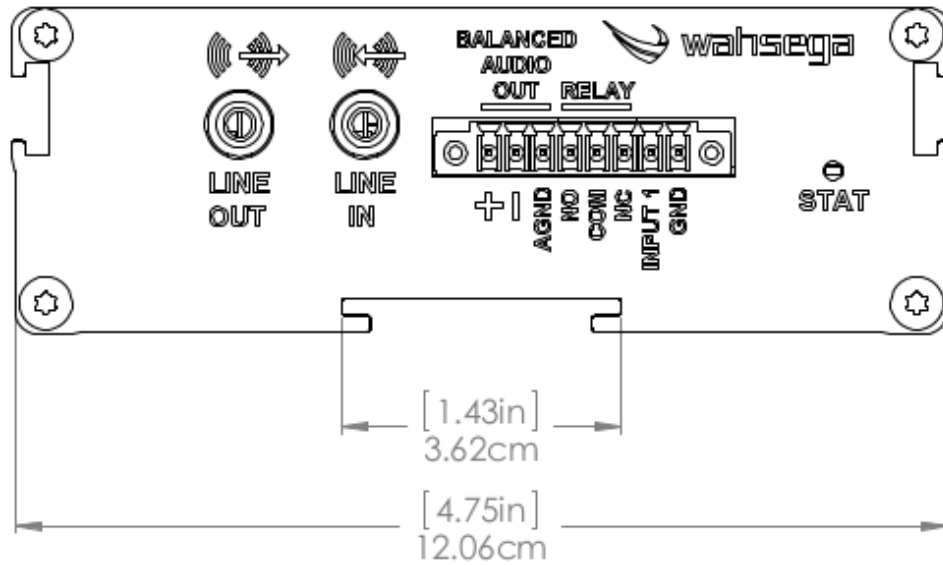
- Pin 1 is a Normally Closed (NC) dry contact closure.
- Pin 2 is Common.
- Pin 3 is a Normally Open (NO) dry contact closure.

**STAT** –LED will illuminate when audio is being passed. The steadier the STAT LED, the stronger the audio signal present.

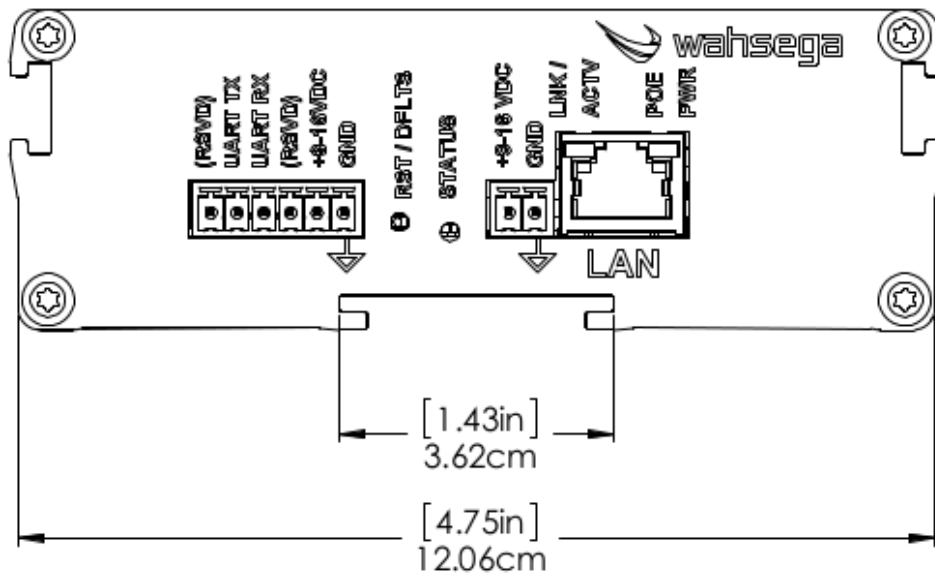


## Dimensions

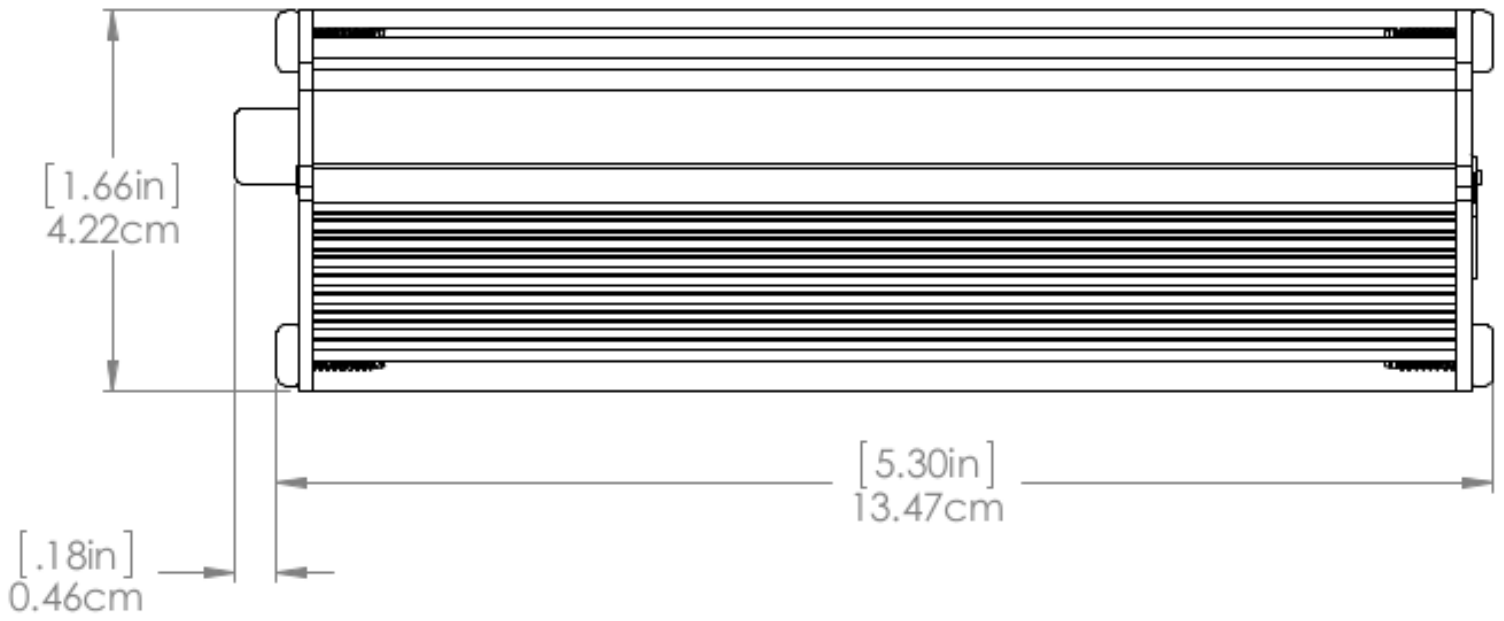
Front



Rear



Side



## Standards Compliant

This product is designed and manufactured in the USA.

- ROHS compliant
- Temperature rating -40C to +60C.





# **Wahsega Carina Single Channel IP Paging Zone Controller**

WL-ZN-CTR-1CH-CAR

Installation Guide