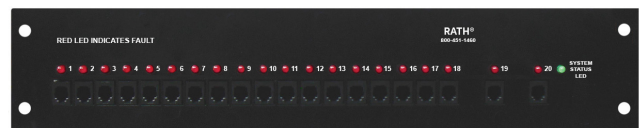




# Area of Refuge/Two-Way Communication System Mounting Guide





Thank you for purchasing a RATH® Emergency Communication System. We are the largest Emergency Communication Manufacturer in North America and have been in business for over 35 years.

We take great pride in our products, service, and support. Our Emergency Products are of the highest quality. Our experienced customer support teams are available to remotely assist with site preparation, installation, and maintenance. It is our sincere hope that your experience with us has and will continue to surpass your expectations.

Thank you for your business,

*The RATH® Team*

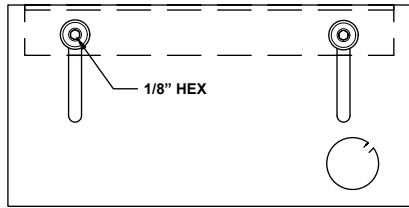
### **Table of Contents**

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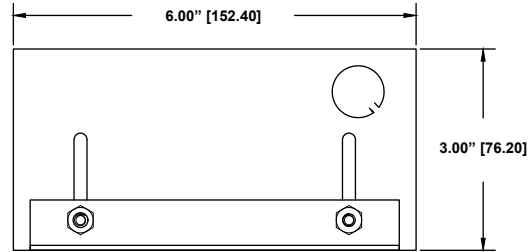
# Call Box Mounting

Call Boxes should be mounted so that the push button is 48" from the floor.

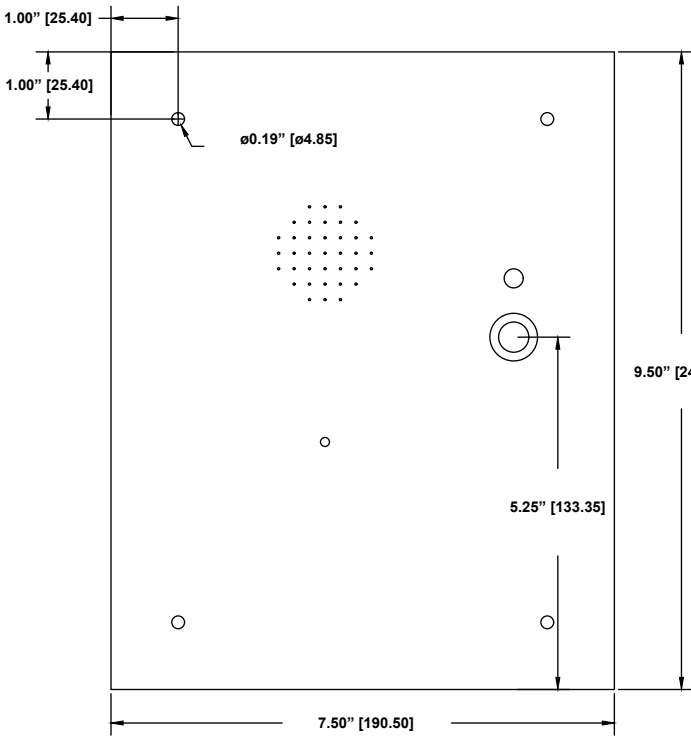
**Flush Mount Call Boxes:  
2100-958NSR, 2400-808NSP, 2100-958NMBR, 2400-808NMP, SUBPNBX (back box only)**



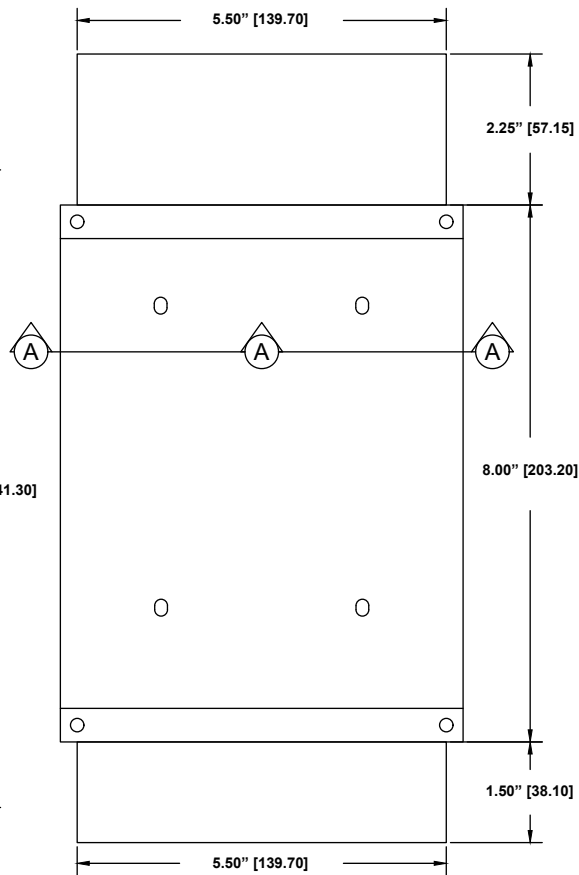
A INTERIOR ELEVATION



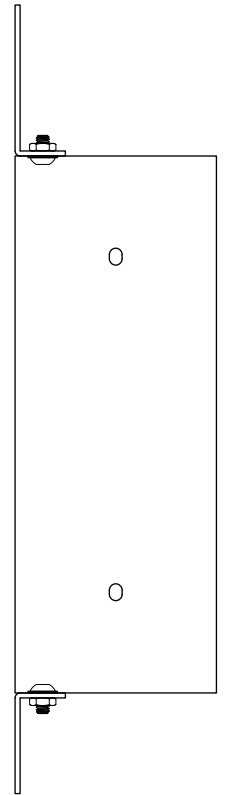
BACK BOX TOP



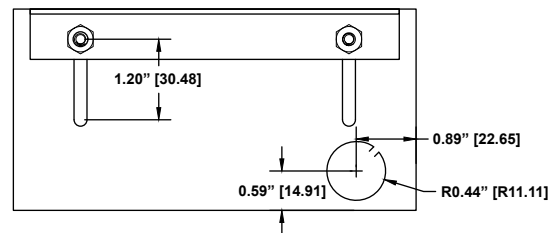
COVER FRONT



BACK BOX FRONT

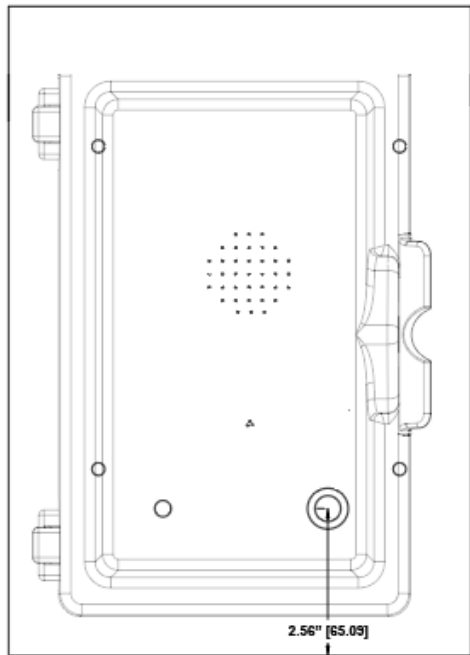


BACK BOX SIDE

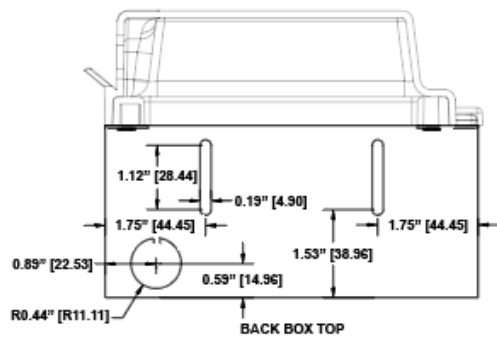


BACK BOX BOTTOM

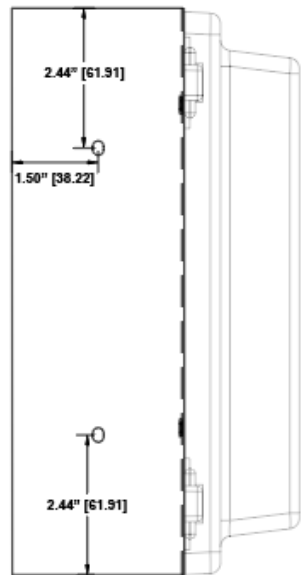
**2100-958SSRC2, 2400-808SSPC2, RP7700042PC (back box only)**



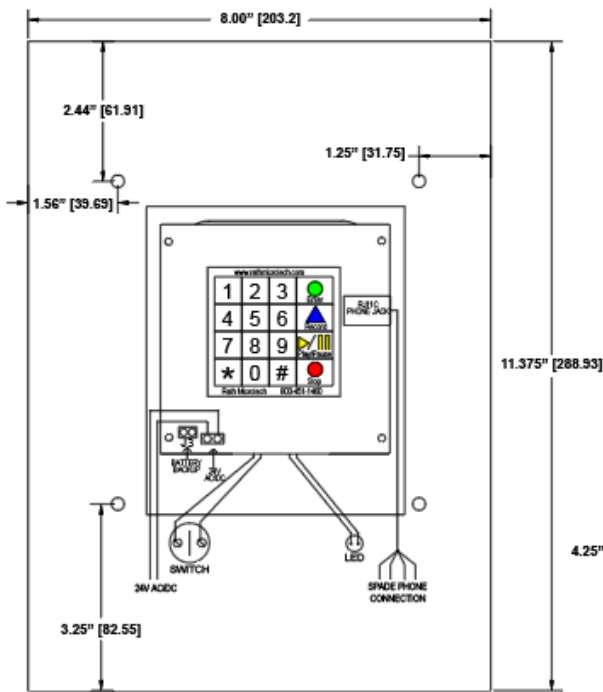
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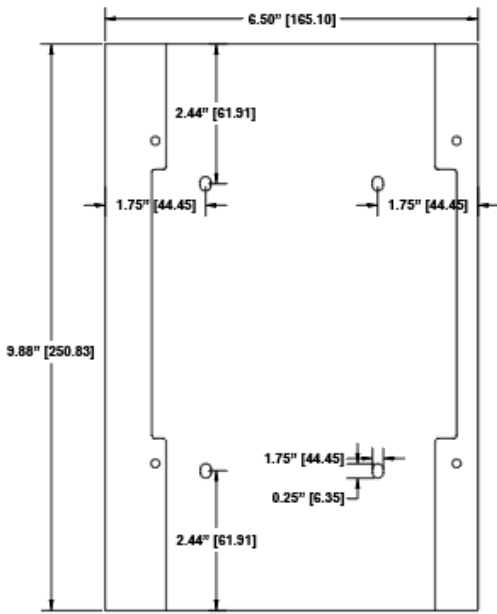
BACK BOX TOP



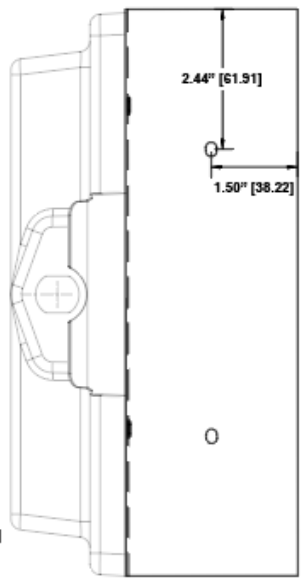
BACK BOX LEFT SIDE



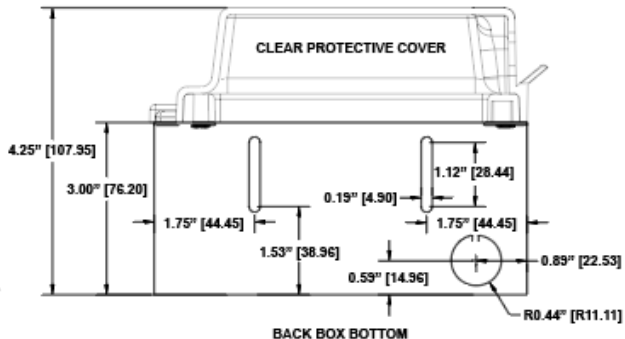
COVER BACK



BACK BOX FRONT

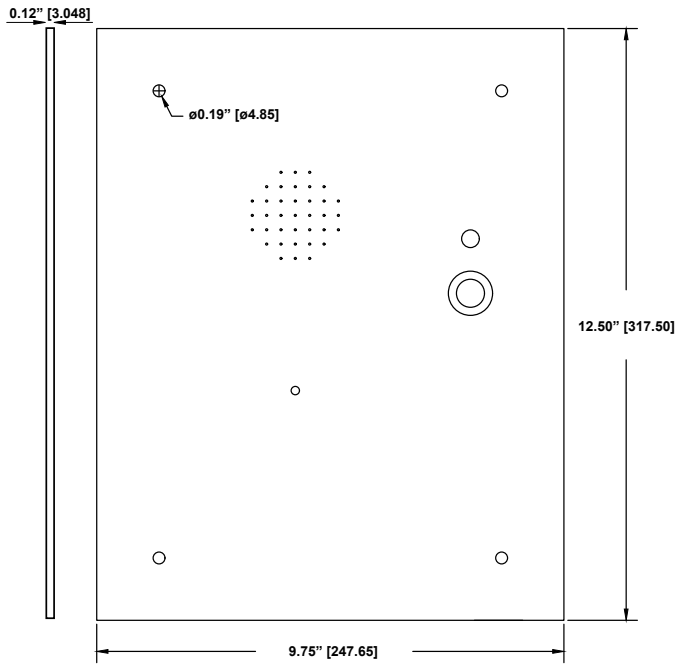


BACK BOX RIGHT SIDE

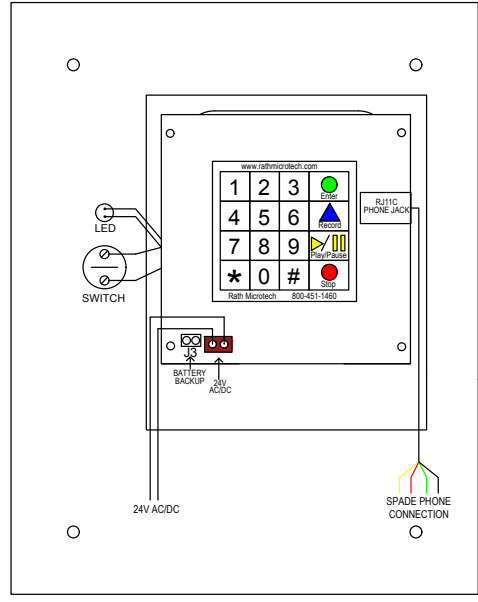


BACK BOX BOTTOM

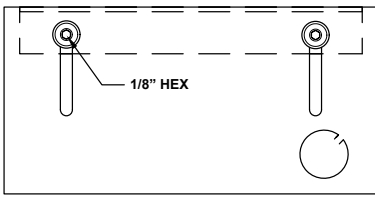
**2100-958SR, SUBPNBX (back box only)**



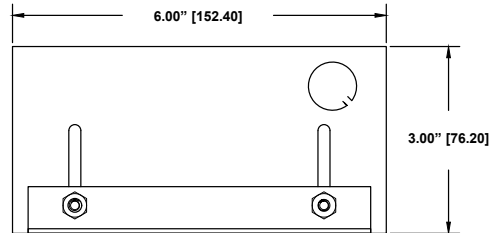
COVER FRONT



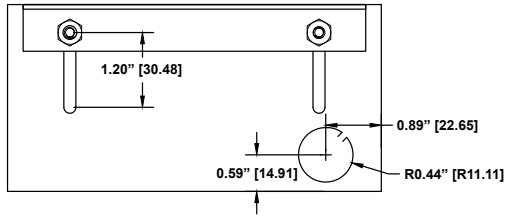
COVER REAR



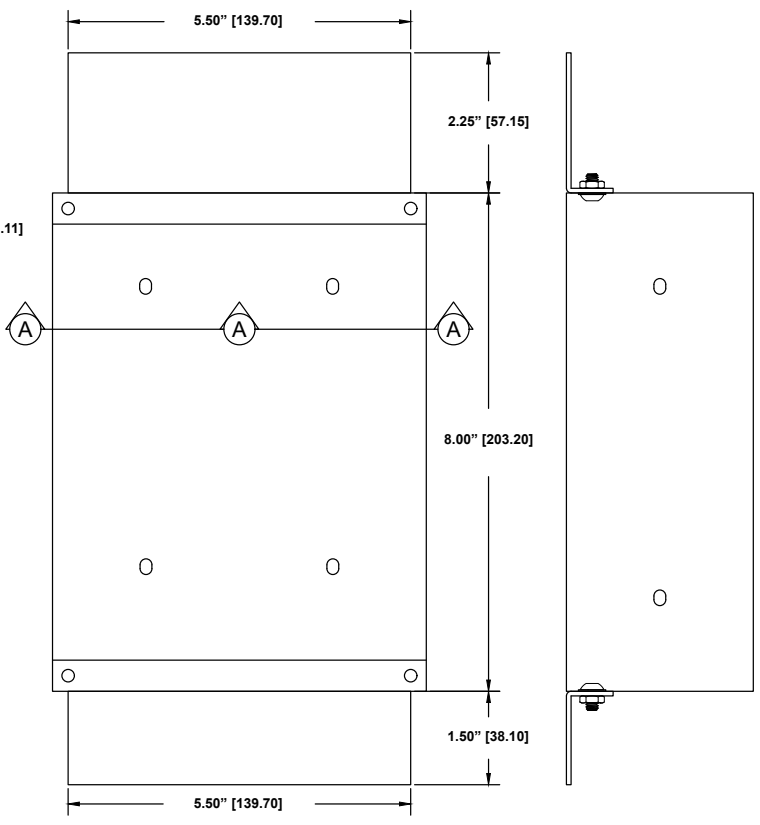
A INTERIOR ELEVATION



BACK BOX TOP



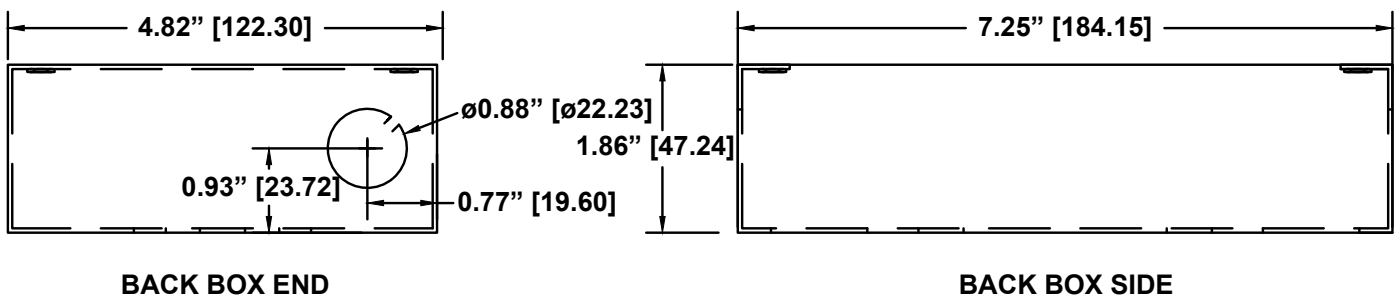
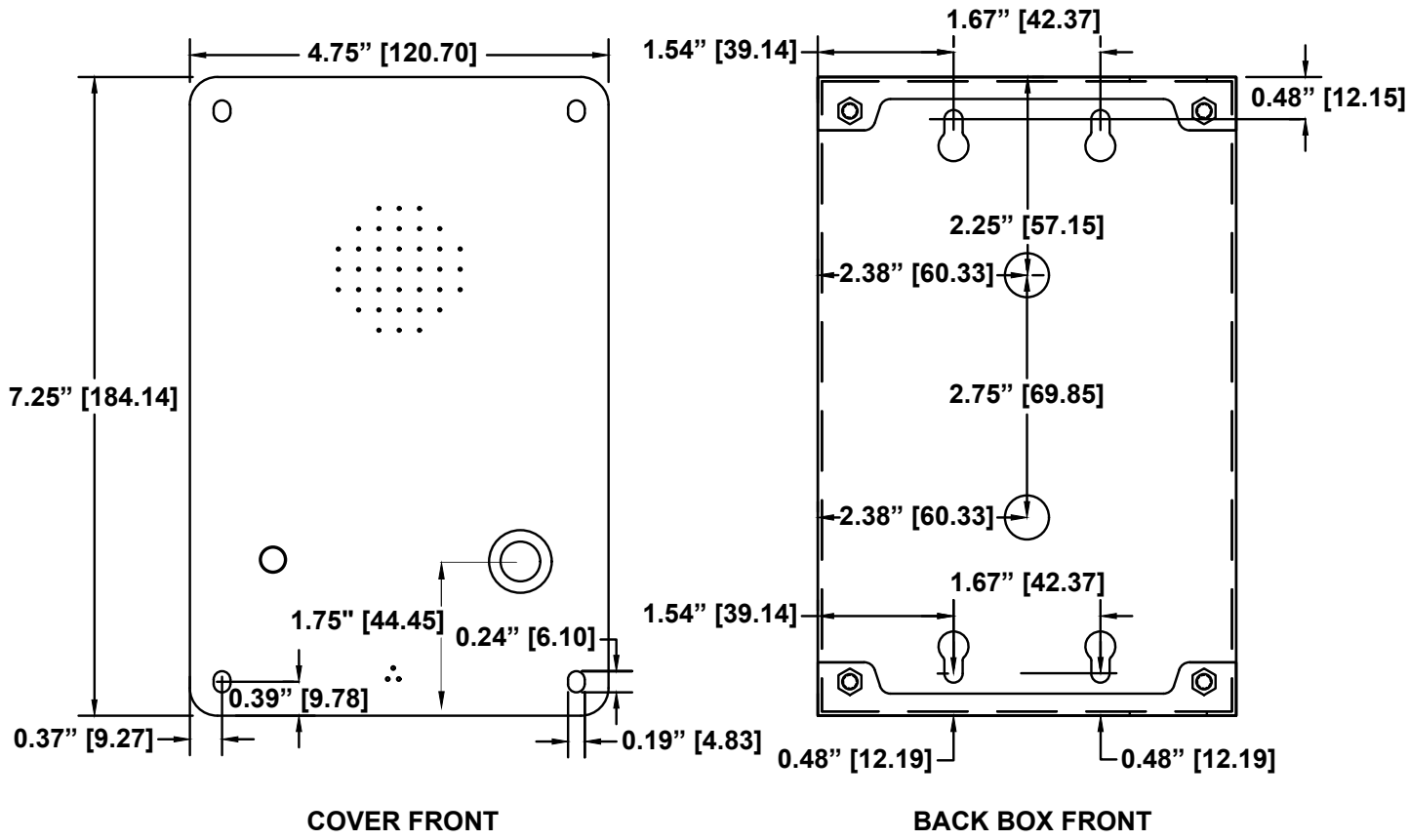
BACK BOX BOTTOM



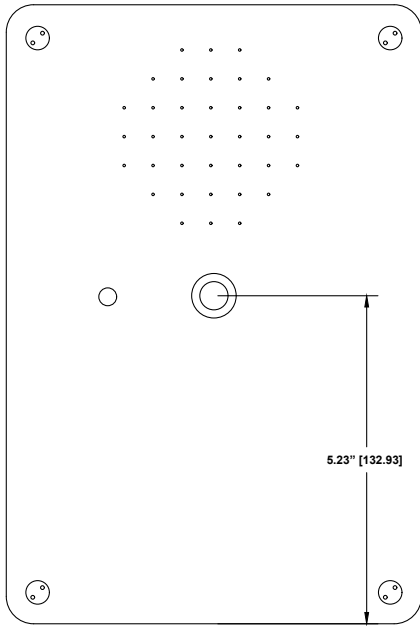
BACK BOX FRONT

BACK BOX SIDE

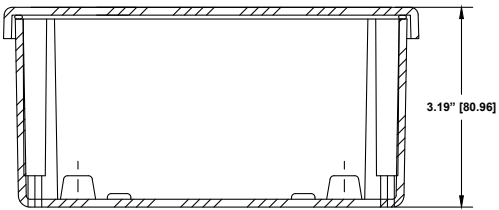
**Surface Mount Call Boxes:  
2100-956SR, 2400-805SP, 2100-956SRM, 2400-805SPM, 2100-956RR, 2400-805RP**



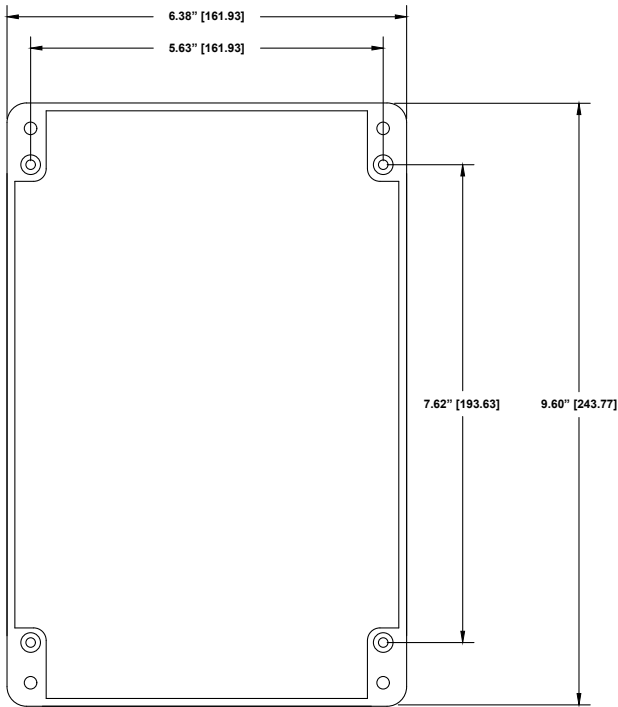
**2100-984LR, 2400-805LP, 2100-984LRC1, 2400-805LPC1**



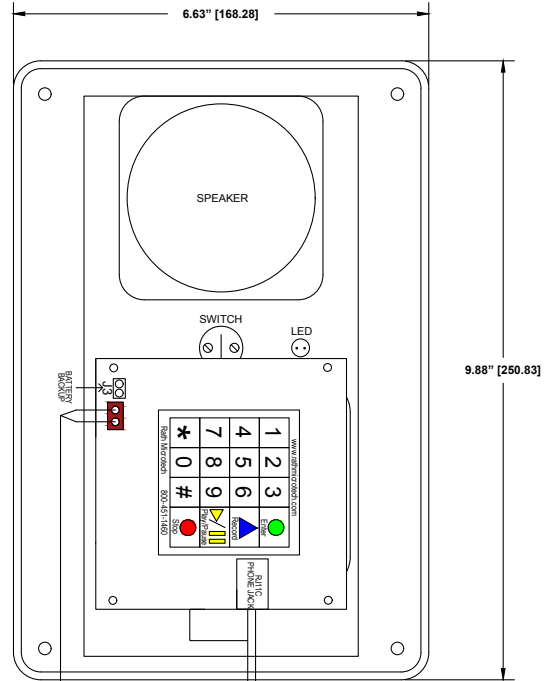
COVER OUTSIDE



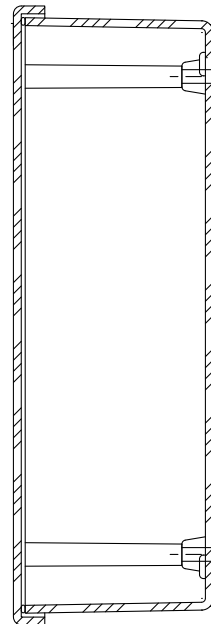
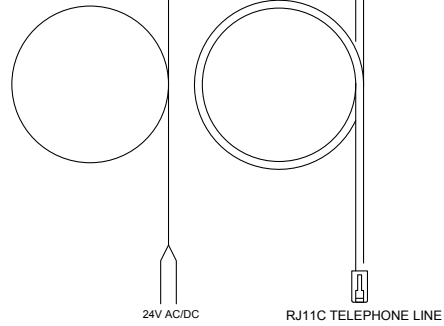
BOTTOM



BASE INSIDE

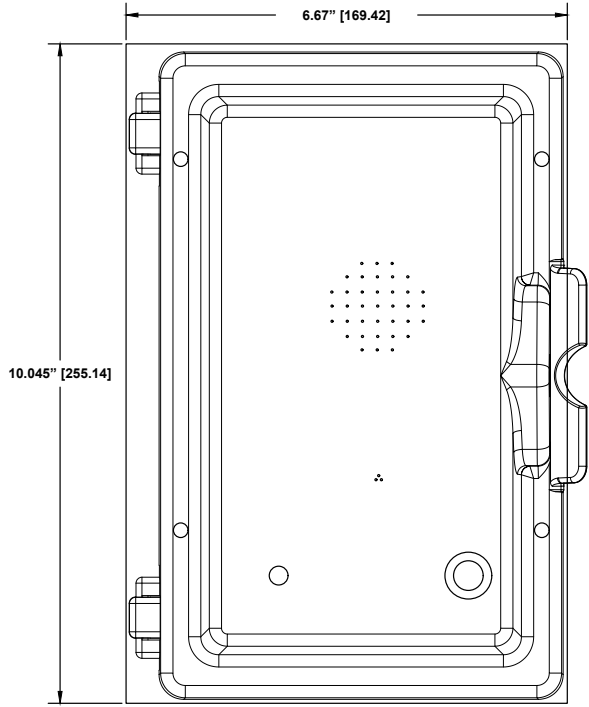


COVER INSIDE

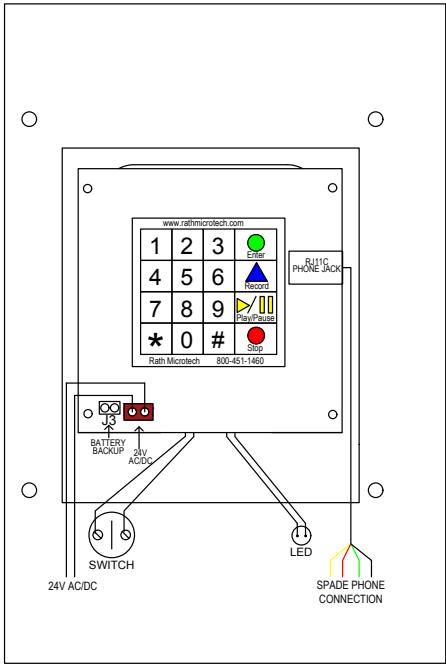


SIDE

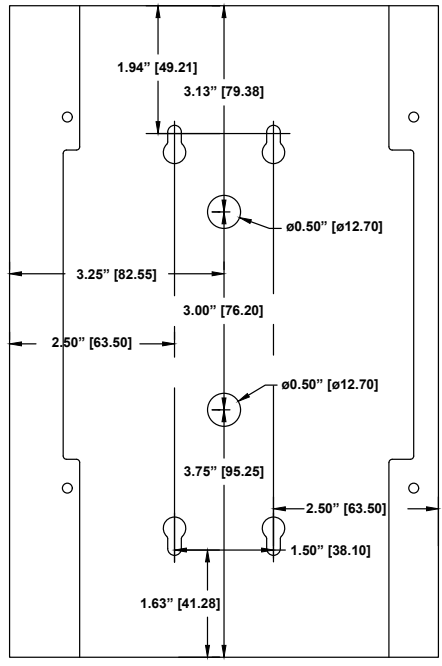
**2100-956SSRC2, 2400-805SSPC2**



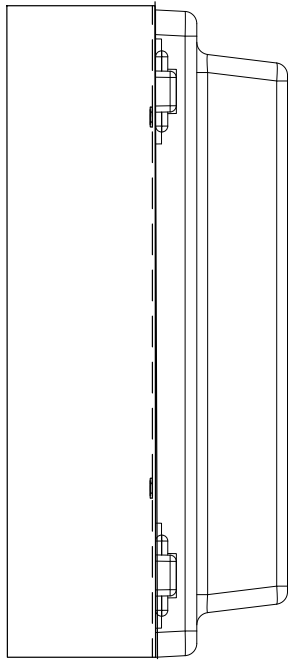
COVER FRONT



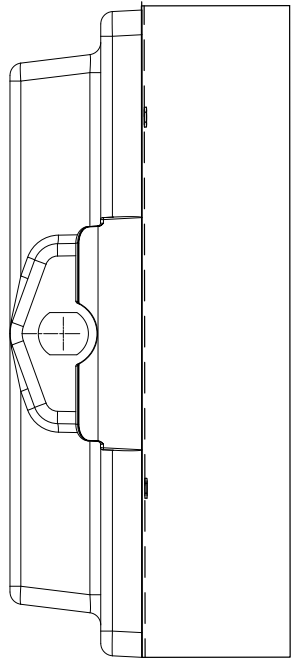
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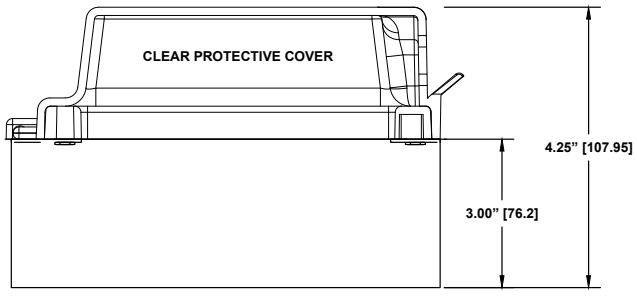
BACK BOX FRONT



BACK BOX LEFT SIDE



BACK BOX RIGHT SIDE



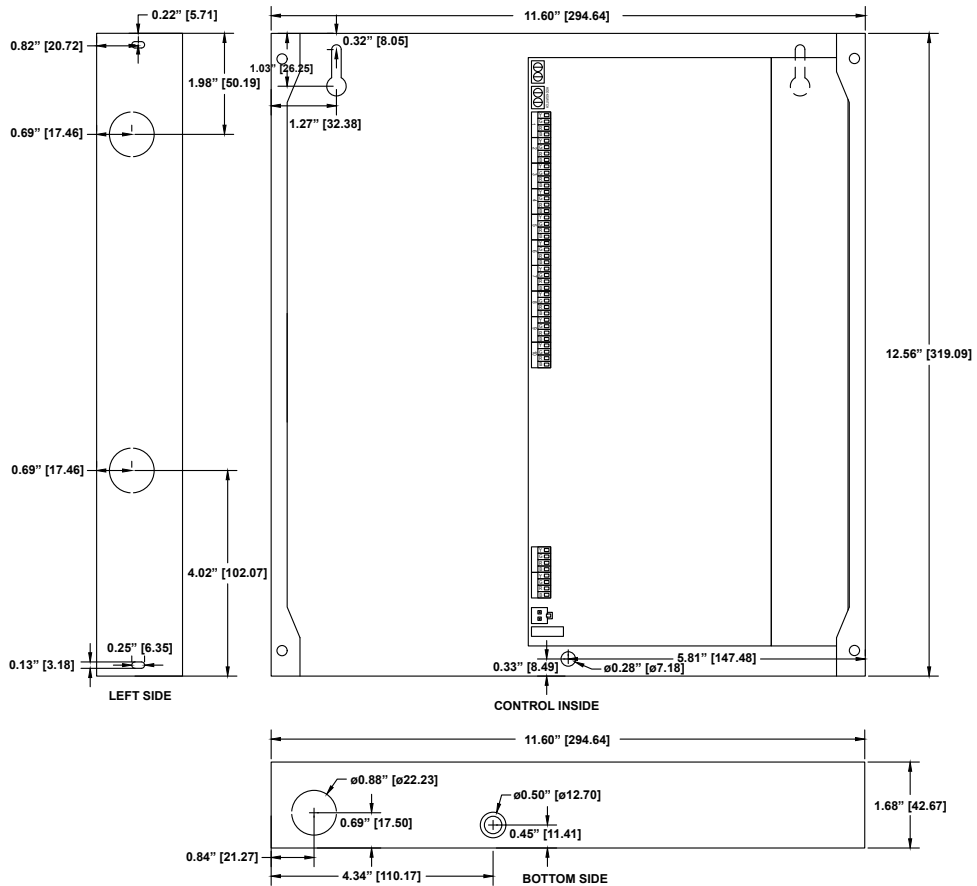
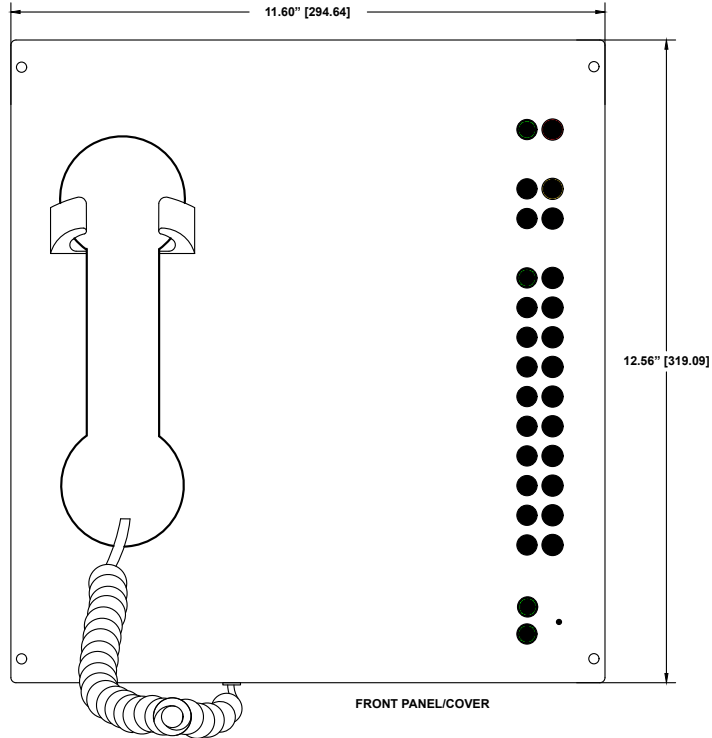
BACK BOX BOTTOM



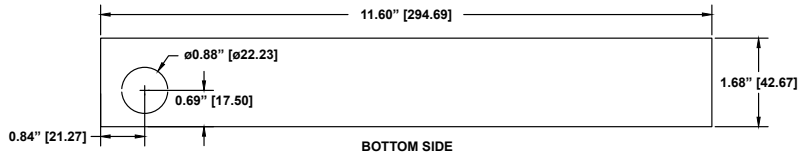
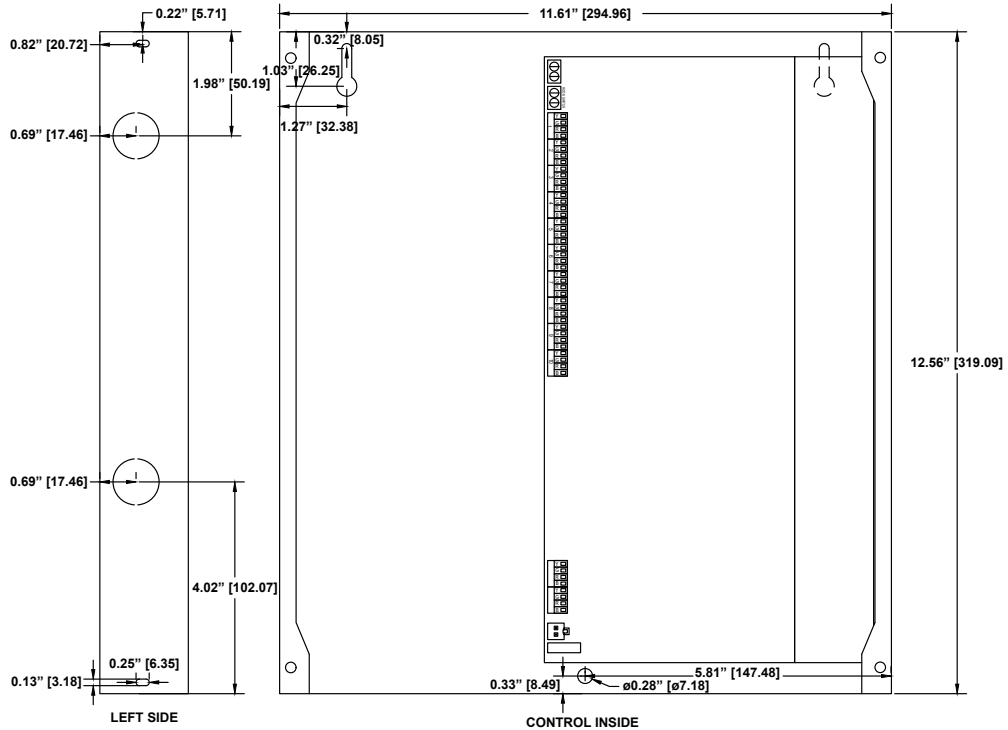
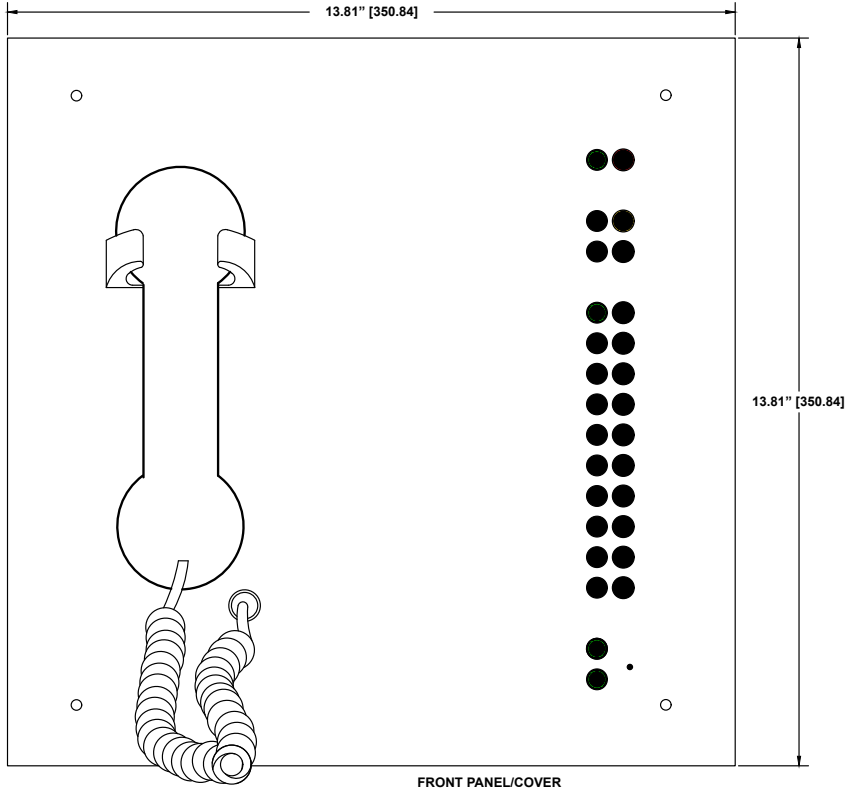
# Base Station Mounting

RATH® recommends mounting the Base Station 60" from the floor to the center of the unit.

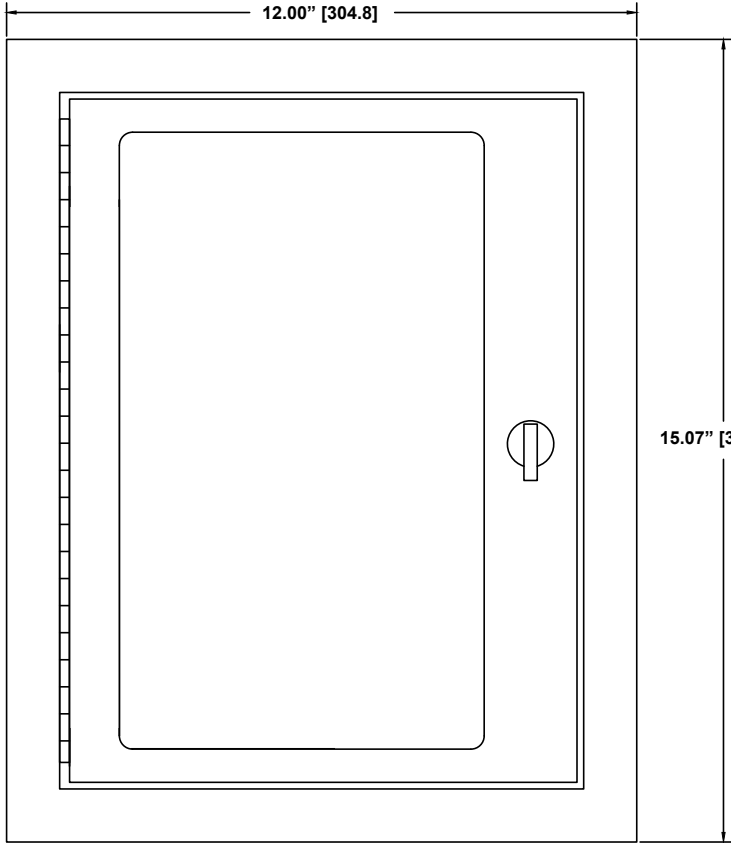
2500-205D, 2500-210D



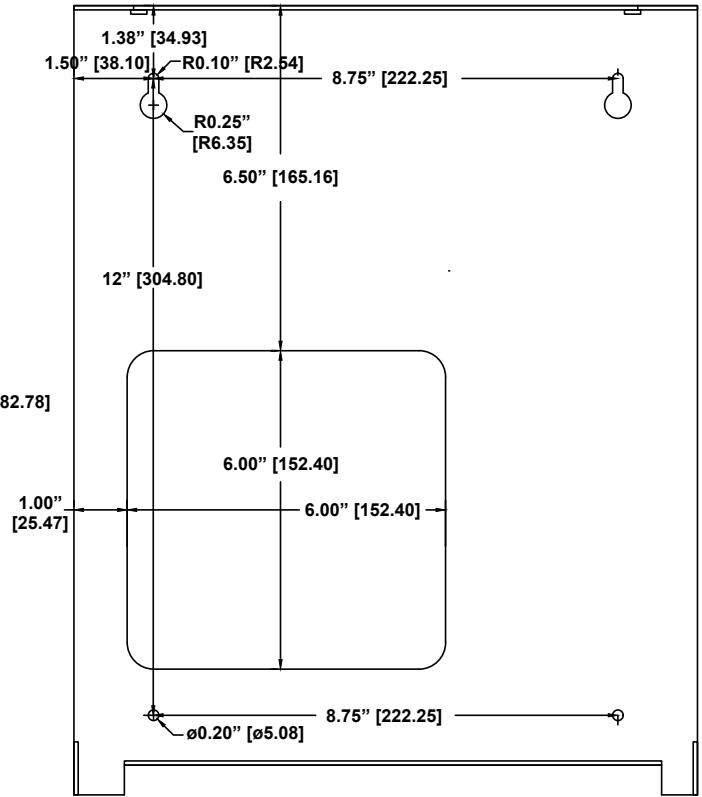
**2500-205PSS, 2500-210PSS**



**2500-205B, 2500-210B, 2500-12RC, 2500-16RC**



**FRONT VIEW**

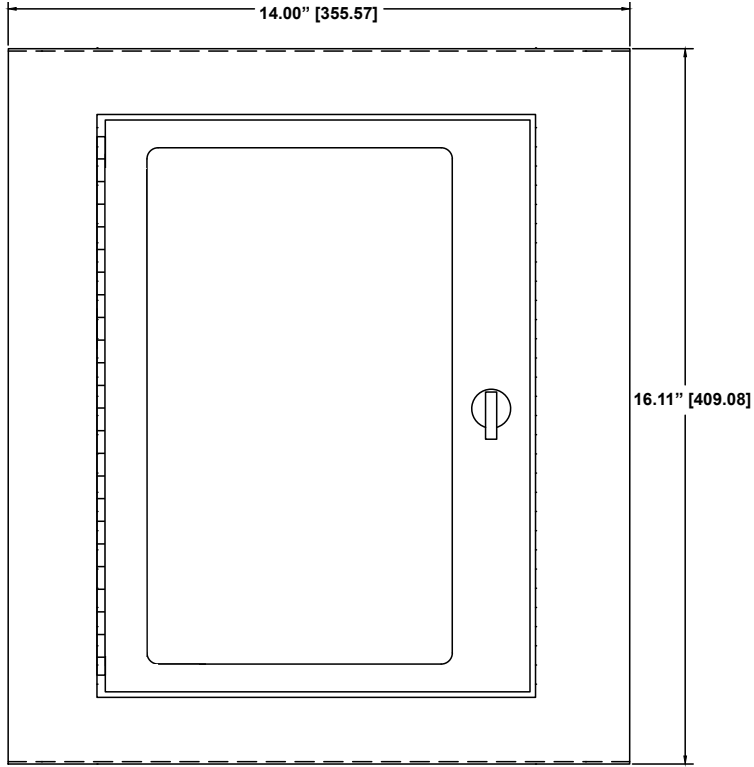


**BACK PANEL**

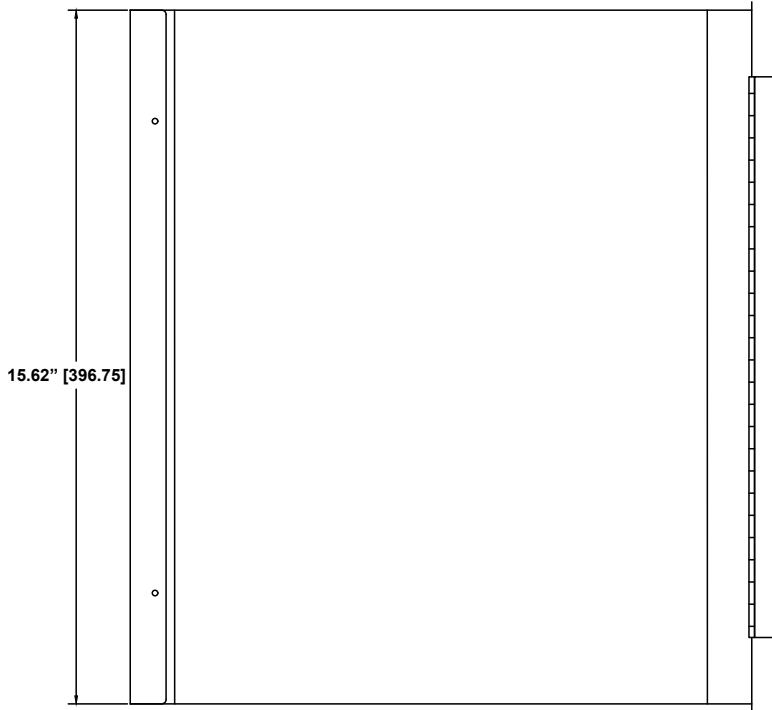


**BOTTOM VIEW**

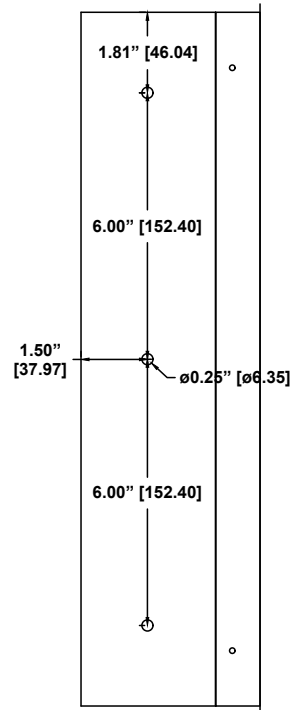
**2500-205FM, 2500-210FM, 2500-12RCF, 2500-16RCF**



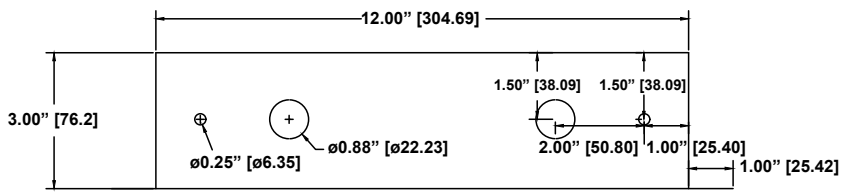
**FRONT VIEW**



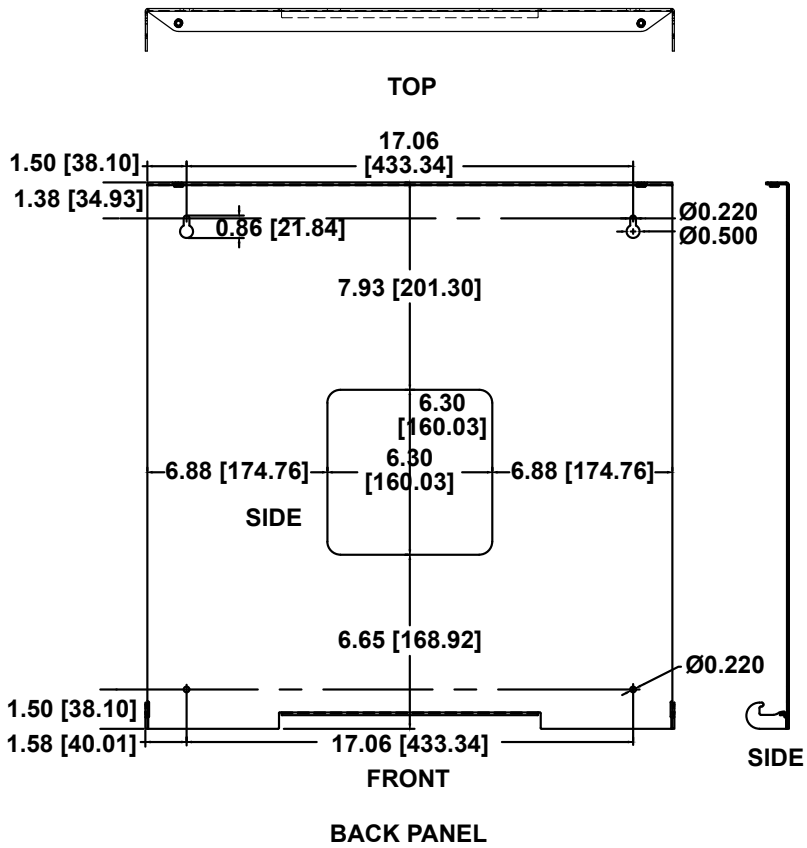
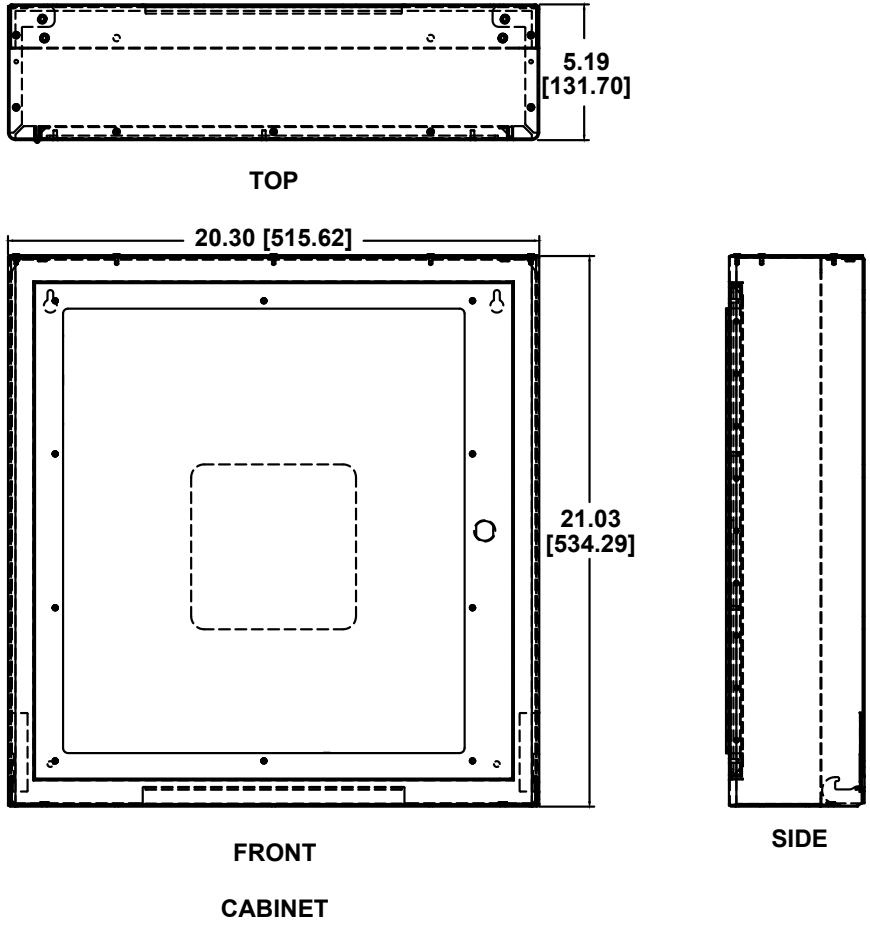
**INSIDE VIEW WITH FRONT PANEL OPENED**



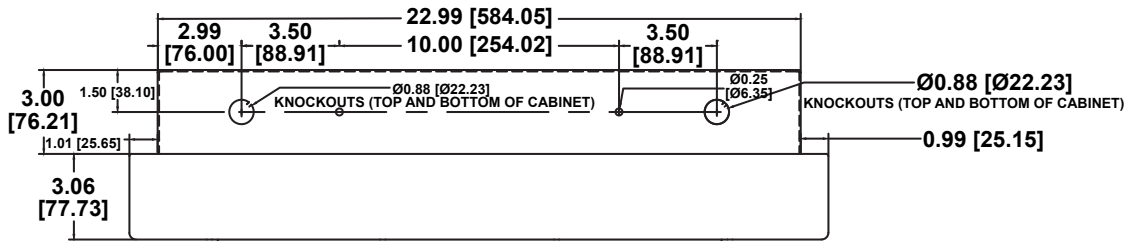
**SIDE VIEW**



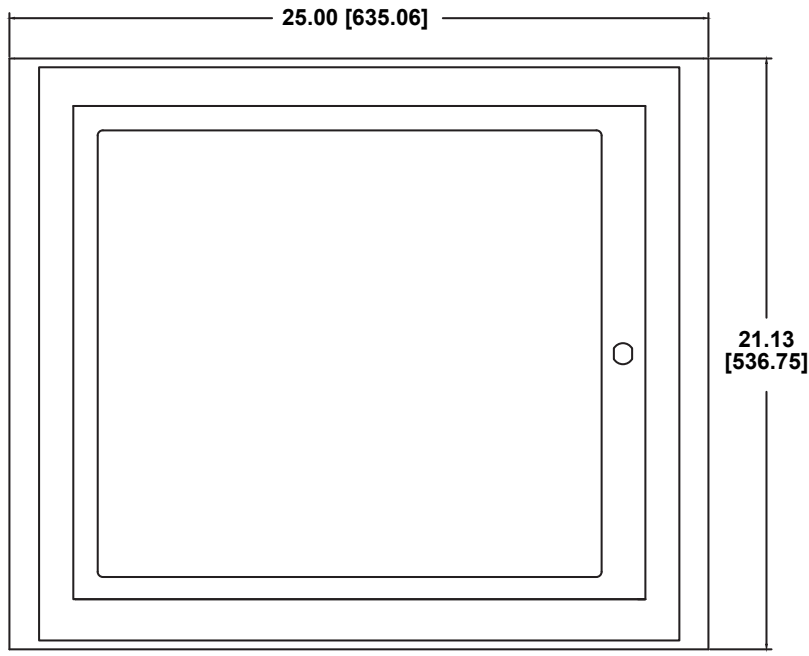
**CABINET BACK BOX**



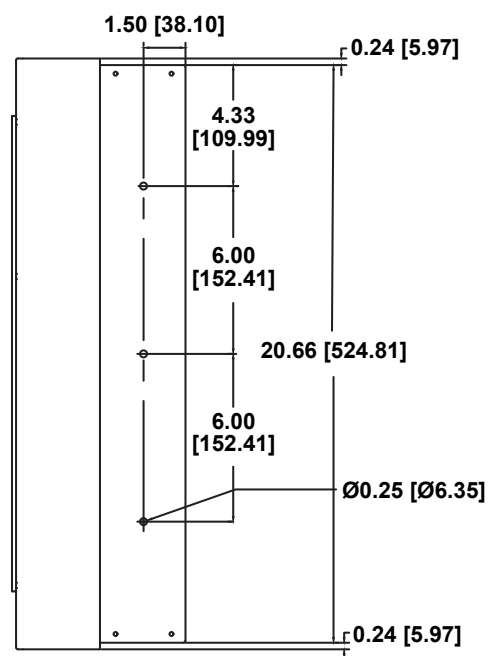
**2500-28RCF, 2500-36RCF 2500-56XRCF, 2500-76XRCF, 2500-96XRCF, 2500-116XRCF**



TOP



FRONT



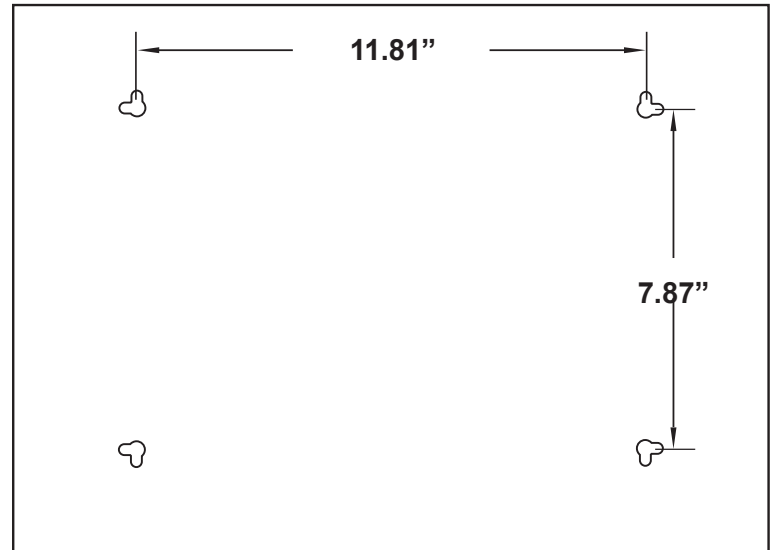
SIDE

# Distribution Module Mounting (Command System Only)

## 1-36 Zone (PE) Distribution Module

### Option 1: Wall Mounting

- Use diagram as a guide for pre-drilling holes in wall
- Remove top panel and drill out keyholes for mounting
- Secure to wall with provided screws



### Option 2: Shelf Mounting (shelf not provided by RATH®)

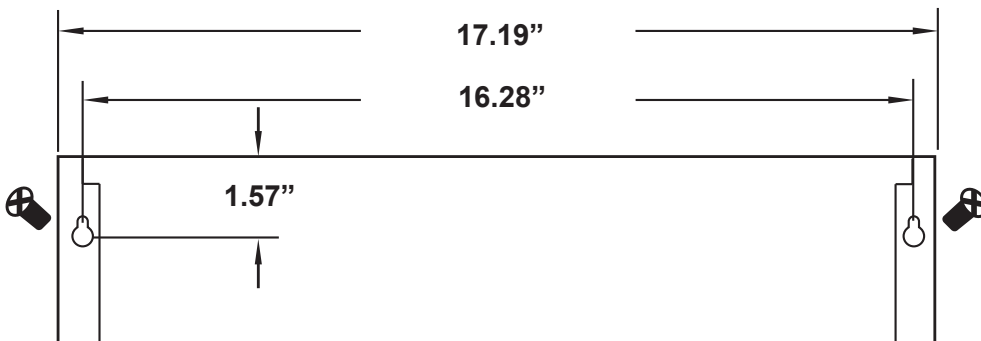
- Place on shelf mounted in 19" server rack



## 1-116 Zone (GE)

### Option 1: Wall Mounting

- Use diagram below to pre-drill holes into wall
- Secure screws in wall
- Attach Distribution Module to wall using the keyholes on backside



**Option 2: Rack Mounting (rack not provided by RATH®)**

- Attach included brackets to sides of Distribution Module
- Secure to 19" server rack using compatible machine screws for your rack



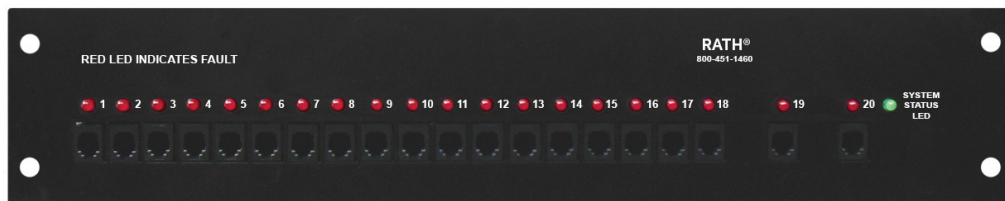
**Option 3: Shelf Mounting (shelf not provided by RATH®)**

- Place on open rack mounted shelf



***Supervisor Board Mounting (2500-\_\_SPRVSR)***

Mount the 2500 Supervisor Board to a wall using the provided swing arm bracket or to a 19" rack (not included).

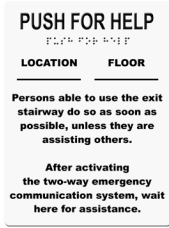




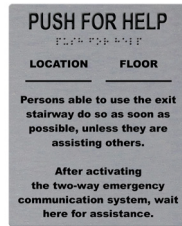
# Signage Mounting

## Instruction Sign

- Mount above or adjacent to each Call Box



7049



7049SS

## Tactile/Braille Sign

- Mount between 48"-60" from floor to lowest tactile characters



7087



7044

## Illuminated Sign

- 120/277vac powered
- Mount above 60" but below 80" from the floor to top of the sign
- Single gang back box recommended



7050E



7050

## Photo Luminescent Sign

- Mount above 60" but below 80" from the floor to top of the sign



7041E



7041

## Directional Signs

- Mount 48" from the floor to the bottom of the sign
- Located in hallway adjacent to Area of Refuge

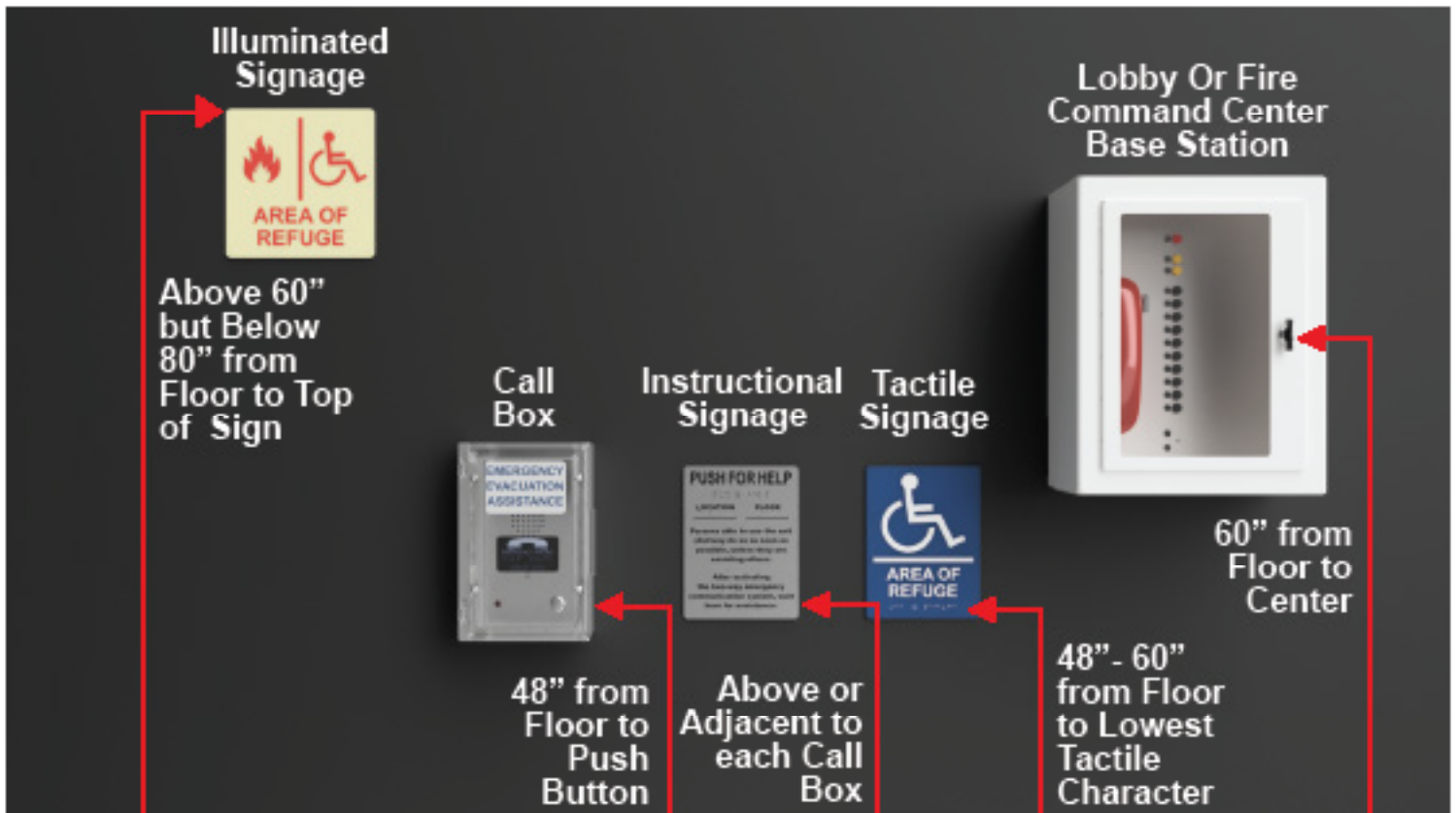


7047E



7047

# System Mounting Height Diagram



## Call Box:

- 48" from Floor to Push Button

## Lobby or Fire Command Center Base Station

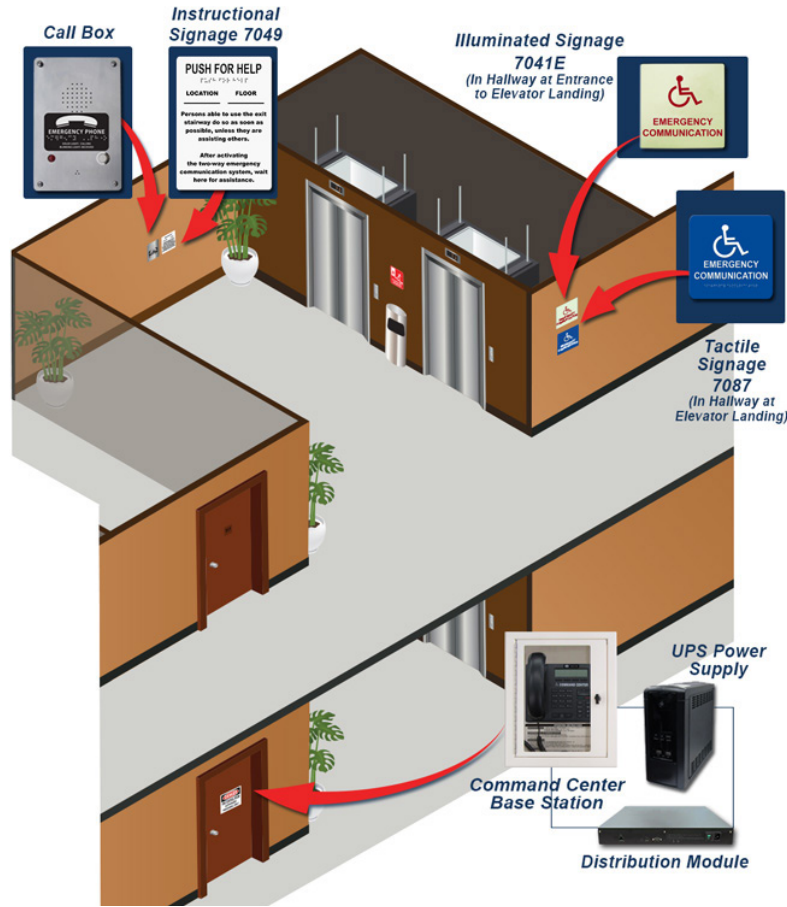
- 60" from Floor to Center

## Signage:

- **Instructional:** Above or Adjacent to each Call Box
- **Tactile:** 48" - 60" from Floor to Lowest Tactile Character
- **Illuminated:** Above 60" but Below 80" from Floor to Top of Sign

# System Mounting Locations

## In Elevator Landings:



## In Stairwells:

