

How to install the Rytec Audible Alert System (AAS)

NOTICE

Contact Rytec Technical support at 800-628-1909 if you have questions about these instructions.

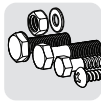
How it works

The Audible Alert System sounds two alerts, the first ("Attention, the door is about to close") when the door is about to close, the second ("Warning, door is closing") while the door is closing, and provides an audible complement to the Pathwatch visual alert system.

Before you begin

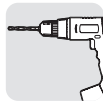
1 Make sure that you have all supplies and tools.

Supplies that you provide



Mounting hardware for the mounting bracket

Tools you will need



Power drill and step drill bit (if additional hole needed in control box)



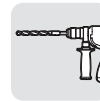
#2 Phillips



Precision screwdriver

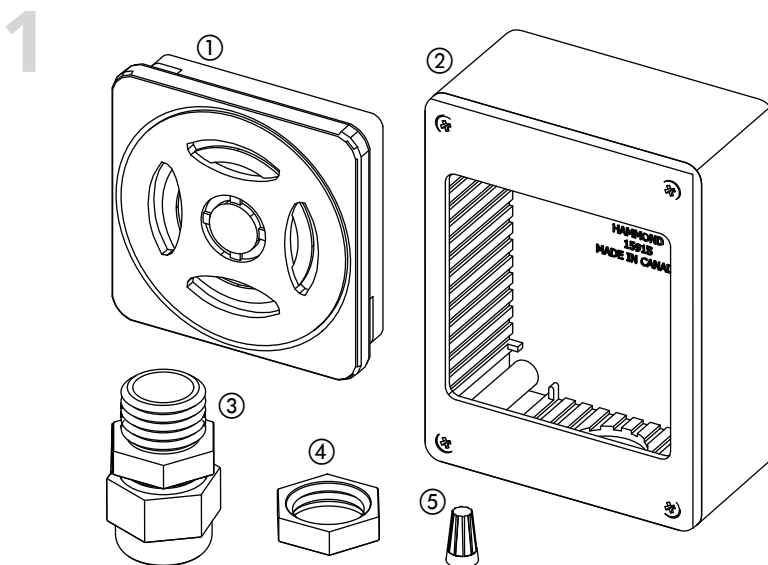


Wire tool



Cement drill (if needed to mount the AAS)

What's in the kit



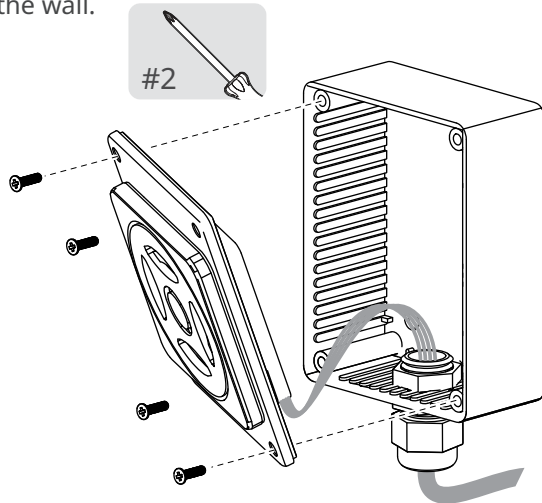
1210715-0A Annunciator kit

Kit is assembled at factory

ID	Part No.	Description	Qty.
①	00122066	Annunciator, 4-Channel, 12-24VDC	1
②	1210716-0B	Enclosure, Gray	1
③	0014764	Cord Grip, 1/2" NPT	1
④	0014492	Locknut for 1/2" grip	1
⑤	0014279	Wire Nut, Gray	6
⑥	00142199	Control Cable, 24 AWG, 240" (not shown)	1

How to install the Audible Alert System

- 1 **Open** the enclosure, drill holes for hardware and use the mounting hardware to secure it to the wall.



- 2 **Reinstall** the cover.

How to wire the Audible Alert System



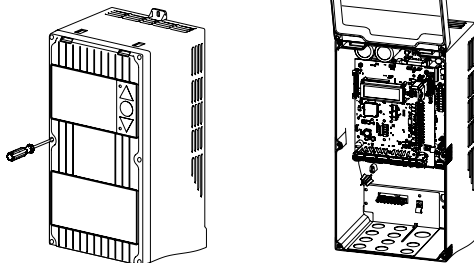
⚠ WARNING

WARNING: Do not open the controller until the power disconnect is in the OFF position, a lockout/tagout is complete, and at least five (5) minutes have elapsed. Components in the controller hold a charge when the door is not in operation, which can cause shock, burns, or death.

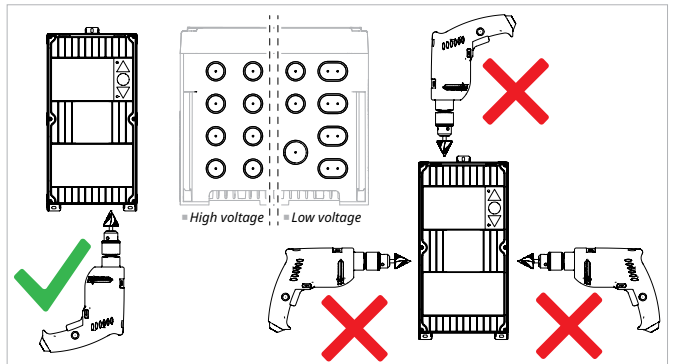


- 1 **Open** door to fully open position, **disconnect** power and **perform** lockout/tagout.

2



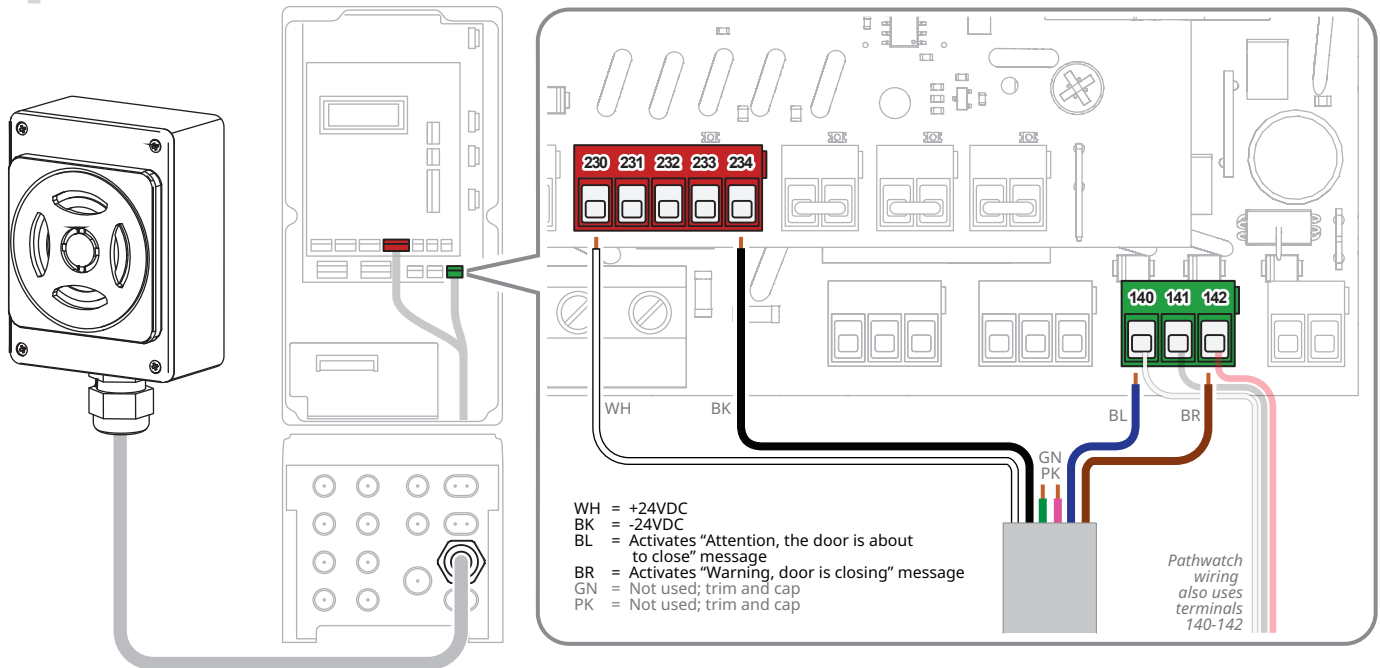
- 3 If necessary, **drill** a hole in the control box for the Audible Alert System cable.



NOTICE

- **The cable must enter through the bottom of the control box.** Drilling through the top or side of the control box voids the warranty for the door.
- Low voltage cables must enter **through the right side** of the box bottom.
- **Holes must be drilled.** The indentations on the controller bottom are not knockouts.

4 Connect the wiring to the controller.



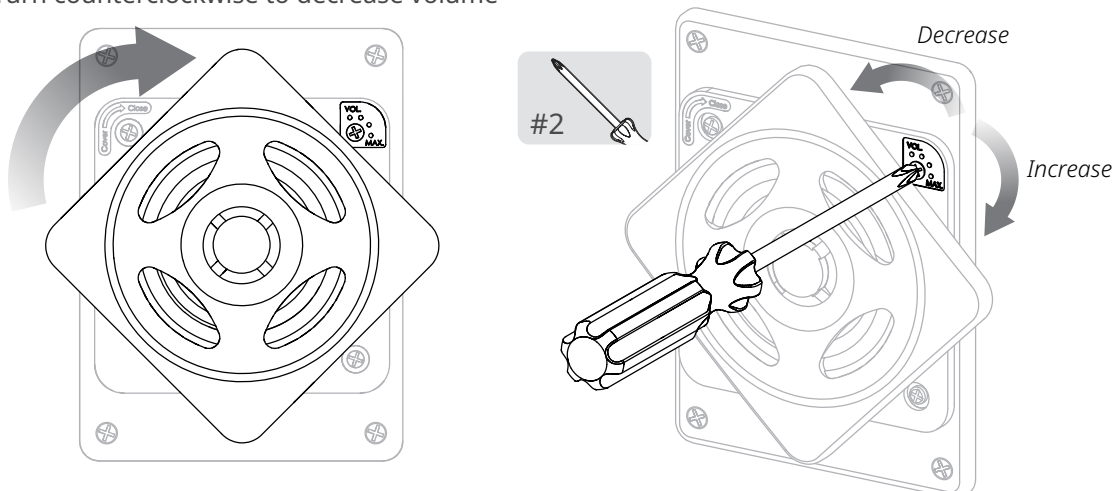
NOTICE

- **Maximum torque** for all controller screws is **2.5 in-lb.**
- All wiring 18 AWG. Wire colors may vary for your door.
- Install terminal blocks and jumpers as appropriate for your installation. Blocks and jumpers may be installed inside the control box.

5 Remove the lockout/tagout and turn the power disconnect to the ON position.

6 Test the volume. To adjust the volume, turn the cover plate 45° to expose volume adjust screw.

- Turn clockwise to increase volume
- Turn counterclockwise to decrease volume



NOTE: Do not turn beyond 45°; cover will snap off. If this happens, position cover so that "UP" on back of cover points up, then snap cover back into place

How to set the controller parameter for the Audible Alert System



NOTE: If you don't know how to set a parameter, follow the steps in *How to set a controller parameter* on the next page.

P.025 (Delay to Close Timer) controls the timing for alerts that activate before the door closes. This parameter must be **checked** and, if necessary, **changed**.

Parameter Number	Value for Audible Alert System
025	3

How to set a controller parameter

The Controller Display

0 = Operator level access
S = Service level access
Service level accesses more parameters

Parameter name

P: Password 0
001= 1979 0xc

Parameter number

All three digits are hexadecimal

Parameter value

? = value being changed
✓ = change saved

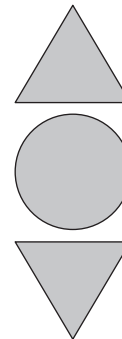
Blinking cursor

On left side of display: press arrows to change parameter number
On right side of display: press arrows to change parameter value

The Controller Controls

Stop/Reset Button

Press to toggle the flashing cursor between left and right
Press and hold to save changes to a value



UP Arrow

Press to increase a value or a parameter number

Press and hold arrows to cycle quickly

DOWN Arrow

Press to decrease a value or a parameter number



NOTE: The display uses hexadecimal numbers. Each digit has 16 possible values instead of 10

The display uses the ten numeric characters (0-9), plus six letters (A-F), which represent the values from 11 through 16. This means, for example, that you must press the UP arrow sixteen times to change a value from 0000 to 0010.

Icon key



Press



Press and hold



Press UP or DOWN arrow, as needed

How to set the controller to Parameter mode and access Service level parameters

Do This

Result



P: Password 0
001= [xxx] 0xc

You are in Parameter mode.
You can now change parameters.

Do This

Result



P: Password S
999= 0010 #

until 999 displays

The Password parameter (999) screen displays.

Do This

Result

3



P: Password 0
999= 0000v#

PON-LS-00005.1

The flashing cursor moves to the right (value) side of the display.

4



P: Password 0
999= 0010v#

PON-LS-00005.9

Set the Service password value to 10.

Do This

Result

5



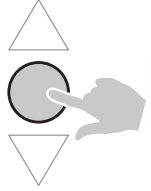
P: Password S
999= 0010v#

PON-LS-00006.0

The Service password is saved

- **You must press and hold** the Stop/Reset button for five (5) seconds to save the change.

6



P: Password S
999= 0010 #

PON-LS-00006.1

The flashing cursor moves back to the left (parameter number) side.

You can now move to a parameter.

How to navigate to a parameter and change the value

Do This

Result

1



until parameter displays

P: InPut 4 211 S
544= 0 #

PON-LS-00007.0

2



P: InPut 4 211 S
544= 0v#

PON-LS-00007.1

The flashing cursor moves to the right (value) side of the display.

3



until new value displays

P: InPut 4 211 S
544= [x]v#

PON-LS-00007.2

Do This

Result

4



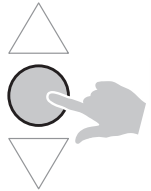
P: InPut 4 211 S
544= [x]v#

PON-LS-00008.0

The new value is saved

- **You must press and hold** the Stop/Reset button for five (5) seconds to save the change.

5



P: InPut 4 211 S
544= [x] #

PON-LS-00008.1

The flashing cursor moves back to the left (parameter number) side.

You can now move to the next parameter, or return to run mode.

6



[Your door model]
[xxx] Cycles

PON-LS-00009.0

Return to run mode.