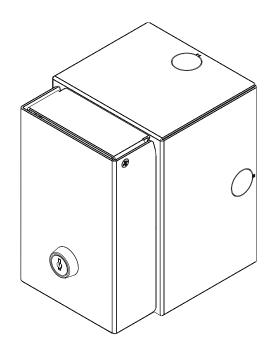
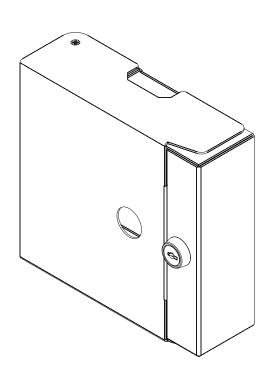
# INSTALLATION INSTRUCTIONS





**Electrical Box and Security Covers** 



**AVB SERIES** 

AVB SERIES Installation Instructions

#### **DISCLAIMER**

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**WARNING:** A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

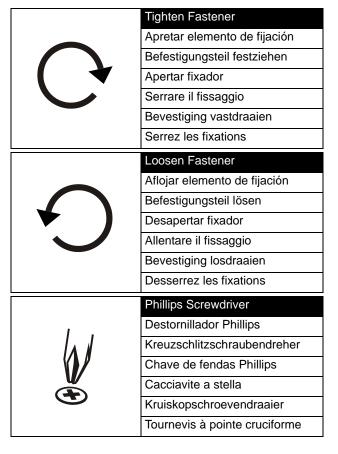
# A

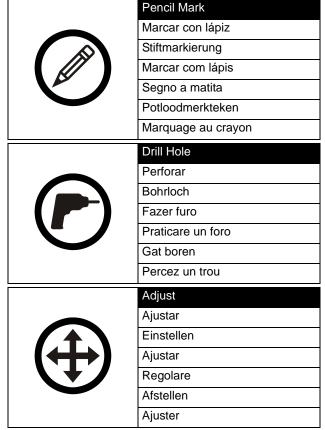
**CAUTION:** A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.



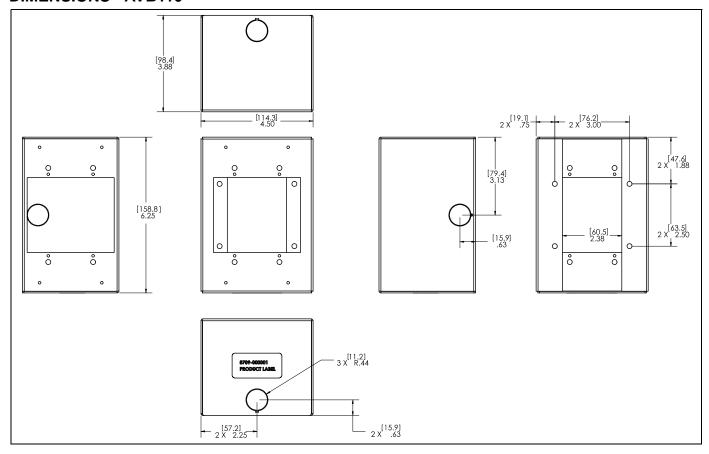
**WARNING:** Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all components are properly assembled and installed using the instructions provided.

### **LEGEND**

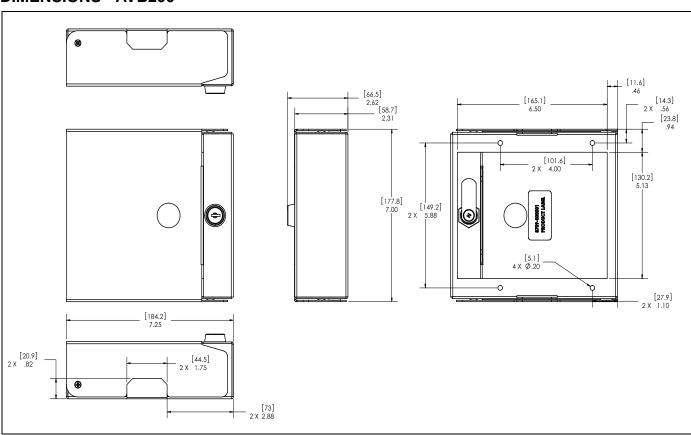




## **DIMENSIONS - AVB110**

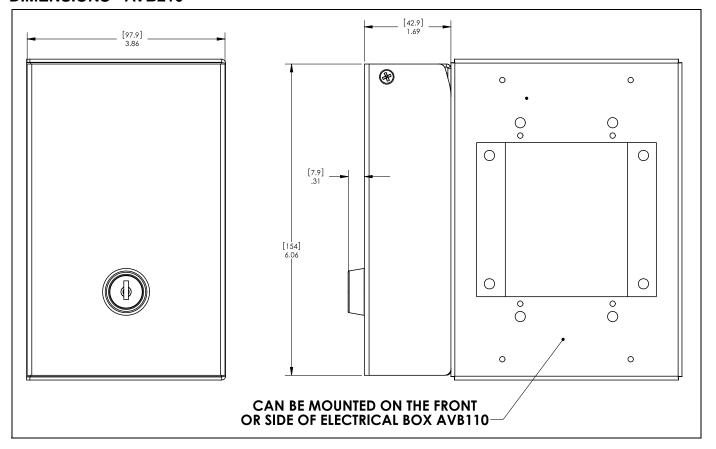


## **DIMENSIONS - AVB200**



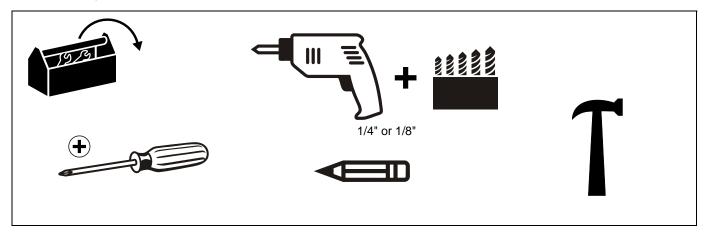
AVB SERIES Installation Instructions

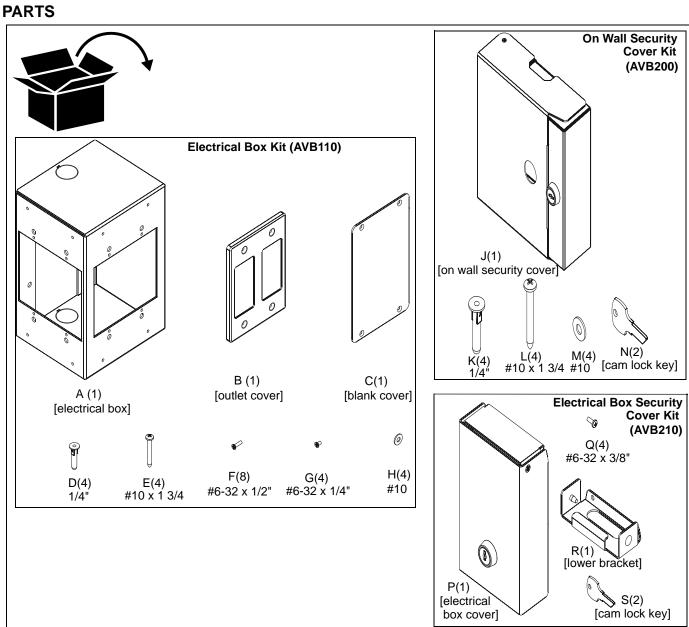
## **DIMENSIONS - AVB210**



**AVB SERIES** Installation Instructions

#### **TOOLS REQUIRED FOR INSTALLATION**





#### **Electrical Box Installation**

#### Electrical Box Installation into Steel Studs, Concrete, Concrete Block, Brick or a Hollow Wall

**IMPORTANT!:** If installing to a wood wall or wood studs, skip ahead to Electrical Box Installation in Wood Wall or Wood Studs section.

- 1. Determine mounting location on wall.
- Using electrical box (A) as a template, mark location of four holes in wall at desired mounting location. (See Figure 1)
- Drill four 1/4" holes at locations marked in previous step. (See Figure 1)

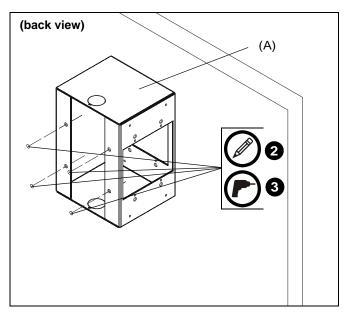


Figure 1

- Install four 1/4" alligator anchors (D) into drilled holes. (See Figure 2)
- 5. Place electrical box (A) against wall lining up the holes on the back with the installed anchors (D). (See Figure 2)
- Install four #10 x 1 3/4" Phillips screws (E) through #10 washers (H), holes in electrical box (A) and into installed anchors (D). (See Figure 2)

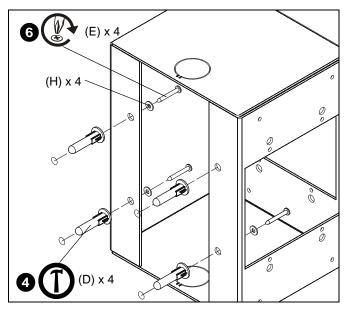


Figure 2

# **Electrical Box Installation into Wood Wall or Wood Studs**

- 1. Determine mounting location on wall.
- Using electrical box (A) as a template, mark location of four holes in wall at desired mounting location. (See Figure 1)
- 3. Drill four 1/8" holes at locations marked in previous step. (See Figure 1)
- 4. Place electrical box (A) against wall lining up the holes on the back with the drilled holes. (See Figure 3)
- Install four #10 x 1 3/4" Phillips screws (E) through #10 washers (H), holes in electrical box (A) and into holes in wall. (See Figure 3)

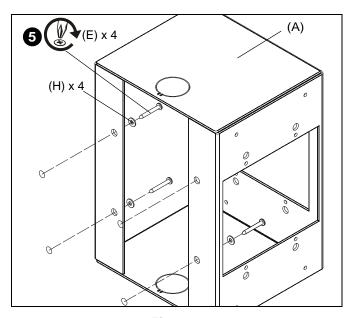


Figure 3

#### **HB Module Installation**

 Remove any knockouts needed for 1/2" conduits and route any required conduits through knockout holes. (See Figure 4)

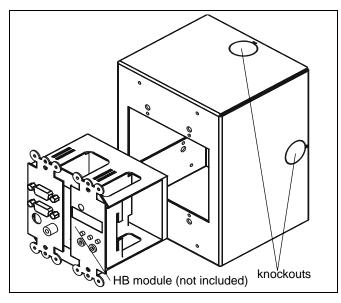


Figure 4

 Install HB module (not included) to electrical box using four #6-32 x 1/2" Phillips flat machine screws (F). (See Figure 5)

**NOTE:** The module may be installed to either the front or side opening of electrical box.

**IMPORTANT!**: If ADA compliance is required, the HB module MUST be installed to side of electrical box in order to achieve required 4" minimum distance from wall.

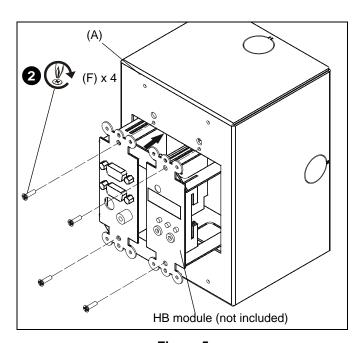


Figure 5

 Install outlet cover (B) over installed HB module using four #6-32 x 1/2" Phillips flat machine screws (F). (See Figure 6)

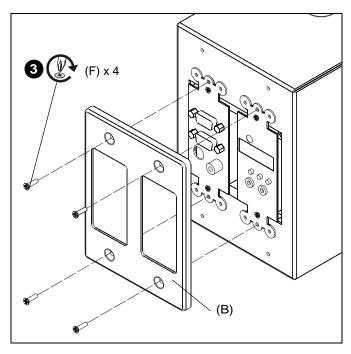


Figure 6

 Install blank cover (C) to cover unused opening in electrical box (A) by installing four #6-32 x 1/4" Phillips flat machine screws (G) through cover holes and into holes on electrical box. (See Figure 7)

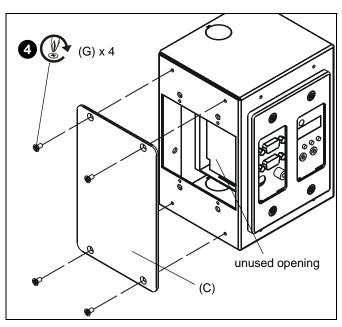


Figure 7

### **Installing Security Covers**

#### **Electrical Box Security Cover**

 Install four #6-32 x 3/8" Phillips pan machine screws (Q) through holes on electrical box cover (P) and lower bracket (R). (See Figure 8)

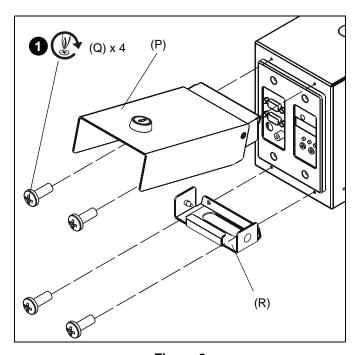


Figure 8

#### On Wall Security Cover Installation

On Wall Security Cover Installation into Steel Studs, Concrete, Concrete Block, Brick or Hollow Wall

**NOTE:** The on wall security cover can only be used to cover electrical boxes that are mounted into a wall.

**IMPORTANT!**: If installing to a wood wall or wood studs, skip ahead to On Wall Security Cover Installation into Wood Wall or Wood Studs section.

- Using on wall security cover (J) as a template, mark four holes around the outside of installed electrical box.
- 2. Drill four 1/4" holes in locations marked in previous step.
- 3. Install four 1/4" alligator anchors (K) into four drilled holes.
- 4. Place on wall security cover (J) against wall lining up the holes on the back with the installed anchors (K). (See Figure 9)
- Install four #10 x 1 3/4" Phillips screws (L) through #10 washers (M), holes in security cover (J) and into installed anchors (K). (See Figure 9)

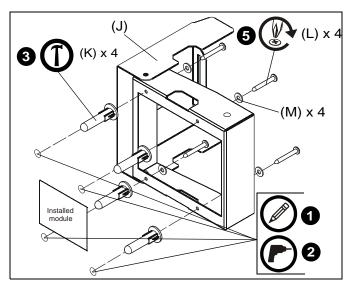


Figure 9

# On Wall Security Cover Installation into Wood Wall or Wood Studs

- Using on wall security cover (J) as a template, mark four holes around the outside of installed electrical box.
- 2. Drill four 1/8" holes in locations marked in previous step.
- Place on wall security cover (J) against wall lining up the holes on the back with the drilled holes. (See Figure 10)
- Install four #10 x 1 3/4" Phillips screws (L) through #10 washers (M), holes in security cover (J) and into drilled holes. (See Figure 10)

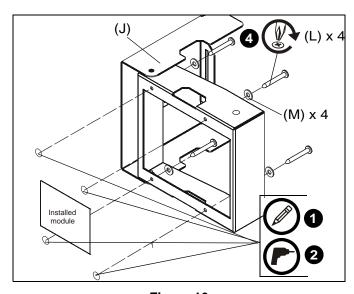


Figure 10

AVB SERIES Installation Instructions

**AVB SERIES** Installation Instructions



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