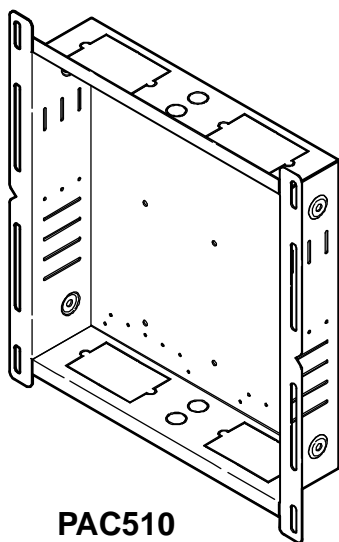


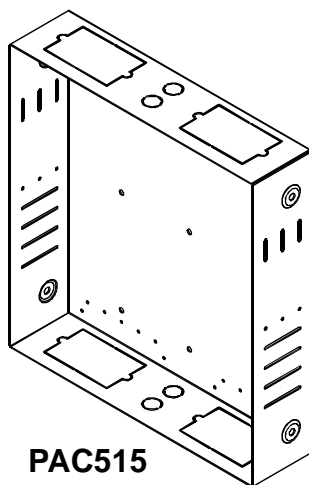
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# INSTALLATION INSTRUCTIONS

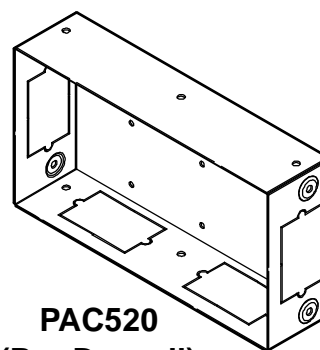
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**PAC510**  
**(Post-Drywall)**



**PAC515**  
**(Pre-Drywall)**



**PAC520**  
**(Pre-Drywall)**

---

## IN WALL ACCESSORY BOX

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## DISCLAIMER

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## IMPORTANT WARNINGS AND CAUTIONS!



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



**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.



**CAUTION:** This equipment must be installed and assembled by qualified service personnel in accordance with local building codes.



**WARNING:** Failure to provide adequate structural strength for this accessory can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this accessory is attached can support the combined weight of the box and all equipment not to exceed 10 lbs (4.5 kg).

**IMPORTANT ! :** SUITABLE FOR USE IN OTHER ENVIRONMENTAL AIR SPACE IN ACCORDANCE WITH SECTION 300.22, (C) OF THE NATIONAL ELECTRICAL CODE.

**NOTE:** The equipment shall be installed and assembled by qualified service personnel.

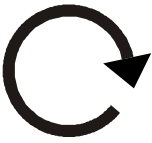
**NOTE:** Knockouts are provided for ease of installation. Any unused knockouts that have been punched are to be closed up with a metal plug.


**NOTE:** The maximum specified ambient temperature of the cabinet system is 40° - 120°F (4° - 49°C).


**NOTE:** Spacings - Minimum spacings between the Accessories and components and the housing for Information Technology Communication Equipment shall be maintained for safe operation of the equipment when installed in accordance with the National Electric Code, ANSI/NFPA 70-1999. Refer to communication equipment manufacturer's specifications for minimum spacings.


**NOTE:** This In-Wall Cabinet System is for use with ITE or Audio/Video equipment only.


**LEGEND**


|   |                              |
|---|------------------------------|
|  | <b>Tighten Fastener</b>      |
|   | Apretar elemento de fijación |
|   | Befestigungsteil festziehen  |
|   | Apertar fixador              |
|   | Serrare il fissaggio         |
|   | Bevestiging vastdraaien      |
| Serrez les fixations  |                              |


|  |                    |
|--|--------------------|
|  | <b>Pencil Mark</b> |
|  | Marcar con lápiz   |
|  | Stiftmarkierung    |
|  | Marcar com lápis   |
|  | Segno a matita     |
|  | Potloodmerkten     |
| Marquage au crayon   |                    |


|   |                              |
|---|------------------------------|
|  | <b>Loosen Fastener</b>       |
|   | Aflojar elemento de fijación |
|   | Befestigungsteil lösen       |
|   | Desapertar fixador           |
|   | Allentare il fissaggio       |
|   | Bevestiging losdraaien       |
| Desserrez les fixations   |                              |


|  |                   |
|--|-------------------|
|  | <b>Drill Hole</b> |
|  | Perforar          |
|  | Bohrloch          |
|  | Fazer furo        |
|  | Praticare un foro |
|  | Gat boren         |
| Percez un trou   |                   |


|  |                             |
|--|-----------------------------|
|  | <b>Phillips Screwdriver</b> |
|  | Destornillador Phillips     |
|  | Kreuzschlitzschraubendreher |
|  | Chave de fendas Phillips    |
|  | Cacciavite a stella         |
|  | Kruiskopschroevendraaier    |
| Tournevis à pointe cruciforme  |                             |


|   |               |
|---|---------------|
|  | <b>Adjust</b> |
|   | Ajustar       |
|   | Einstellen    |
|   | Ajustar       |
|   | Regolare      |
|   | Afstellen     |
| Ajuster   |               |


|   |                          |
|---|--------------------------|
|  | <b>Open-Ended Wrench</b> |
|   | Llave de boca            |
|   | Gabelschlüssel           |
|   | Chave de bocas           |
|   | Chiave a punte aperte    |
|   | Steeksleutel             |
| Clé à fourche   |                          |

|  |               |
|--|---------------|
|  | <b>Remove</b> |
|  | Quitar        |
|  | Entfernen     |
|  | Remover       |
|  | Rimuovere     |
|  | Verwijderen   |
| Retirez  |               |

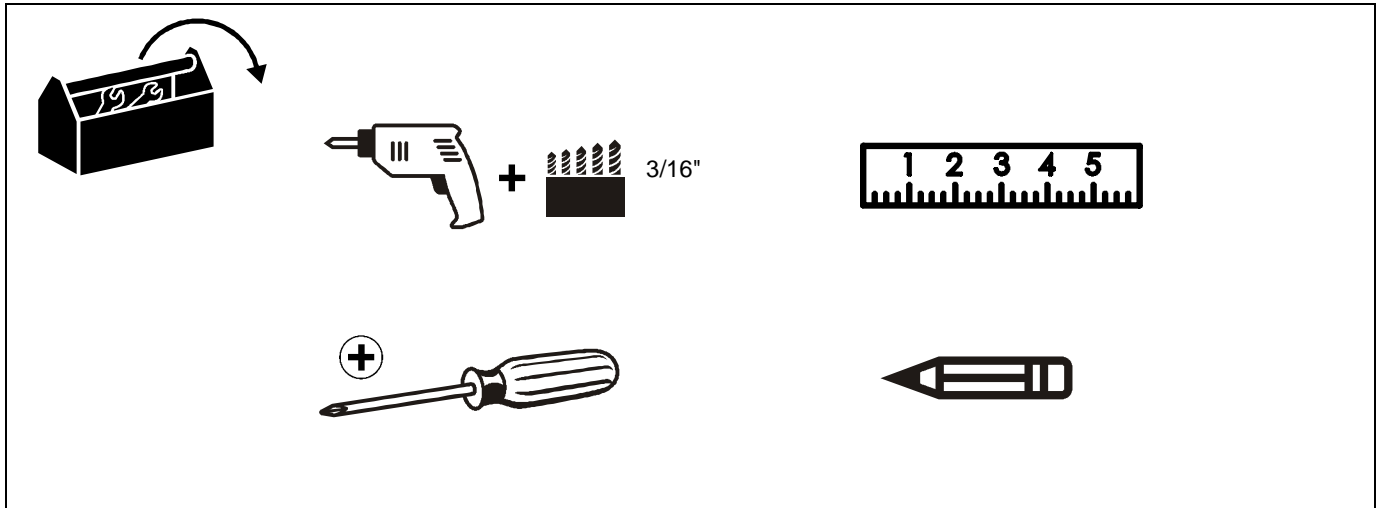
|   |                |
|---|----------------|
|  | <b>By Hand</b> |
|   | A mano         |
|   | Von Hand       |
|   | Com a mão      |
|   | A mano         |
|   | Met de hand    |
| À la main   |                |

|  |                 |
|--|-----------------|
|  | <b>Optional</b> |
|  | Opcional        |
|  | Optional        |
|  | Opcional        |
|  | Opzionale       |
|  | Optie           |
| En option  |                 |

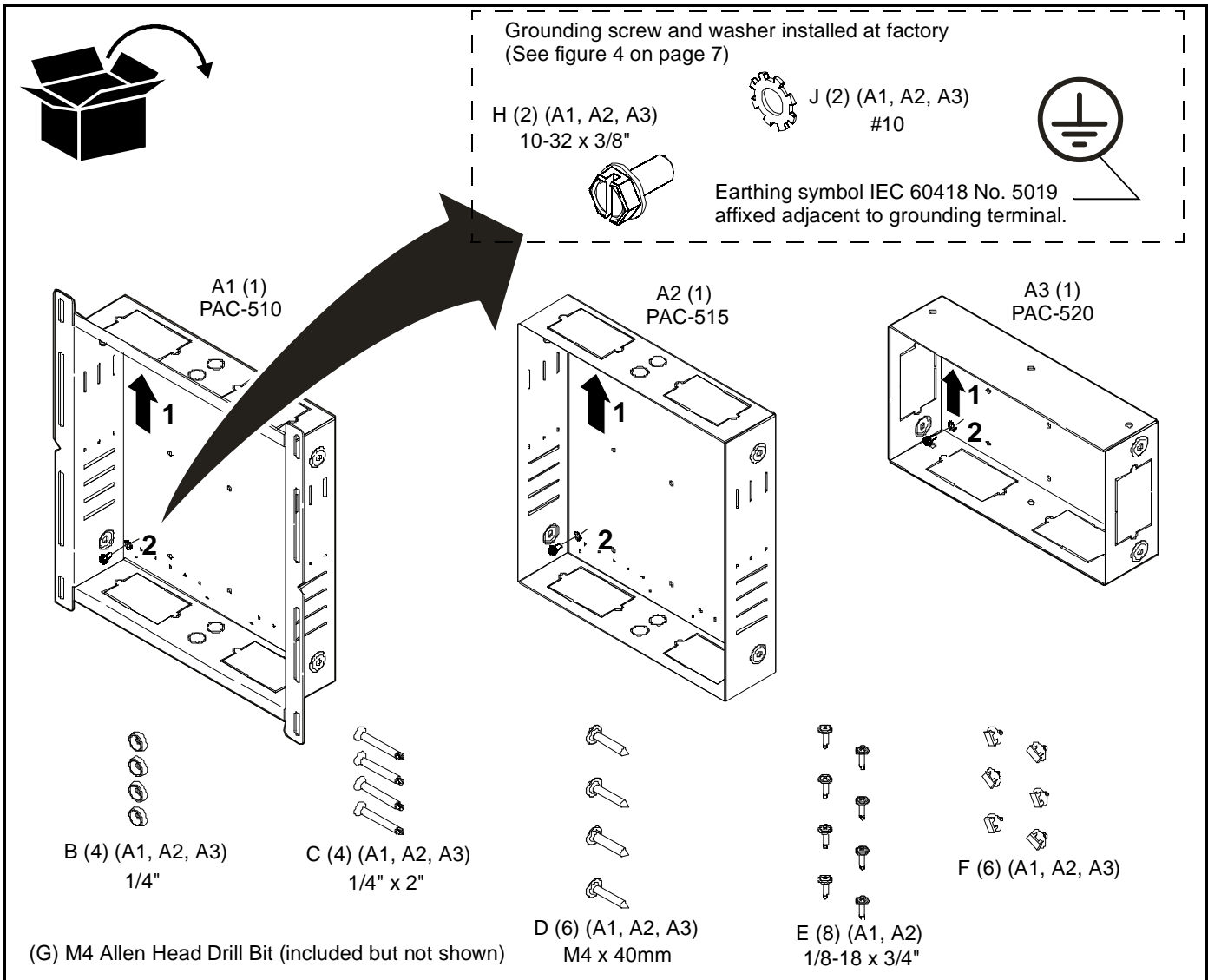
|   |                           |
|---|---------------------------|
|  | <b>Hex-Head Wrench</b>    |
|   | Llave de cabeza hexagonal |
|   | Sechskantschlüssel        |
|   | Chave de cabeça sextavada |
|   | Chiave esagonale          |
|   | Zeskantsleutel            |
| Clé à tête hexagonale   |                           |

|  |                        |
|--|------------------------|
|  | <b>Security Wrench</b> |
|  | Llave de seguridad     |
|  | Sicherheitsschlüssel   |
|  | Chave de segurança     |
|  | Chiave di sicurezza    |
|  | Veiligheidssleutel     |
| Clé de sécurité  |                        |

**TOOLS REQUIRED FOR INSTALLATION**



**PARTS**



## INSTALLATION

The PAC-510 is intended for use in installations where an existing finished (drywalled) wall is present, and includes flanged edges to cover the cutout in wall. The PAC-515 and PAC-520 are intended for use in installations where the wall surface has not been finished and the structure (studs) is exposed. The PAC-515, and PAC-520 require the wall be finished around the opening of the box after the box has been installed.



**WARNING:** IMPROPER INSTALLATION CAN RESULT DEATH OR SERIOUS PERSONAL INJURY! This accessory should be installed by qualified personnel.

### PAC-510 Site Preparation

#### Locate and Prepare Mounting Site

1. Identify a suitable wall location for the accessory.

**IMPORTANT ! :** The PAC-510, 515, AND 520 are designed for in-wall installation between two wood or steel studs, 16" on center. Inadequate space will remain on each side between studs for electrical wires/cables, plumbing, ductwork, or insulation. Locate accordingly!



**WARNING:** ELECTRICAL SHOCK HAZARD! CUTTING OR DRILLING INTO ELECTRICAL WIRES OR CABLES CAN CAUSE DEATH OR SERIOUS PERSONAL INJURY! ALWAYS make certain area behind mounting surfaces is free

of electrical wires and cables before cutting, drilling, or installing fasteners.



**WARNING:** EXPLOSION AND FIRE HAZARD! CUTTING OR DRILLING INTO GAS PLUMBING CAN CAUSE DEATH OR SERIOUS PERSONAL INJURY! ALWAYS make certain area behind mounting surfaces is free of gas, water, waste, or any other plumbing before cutting, drilling, or installing fasteners.

2. Using a stud sensor, locate and mark studs.
3. Center and level housing between marked studs.
4. Using housing as a template, draw pencil line completely around housing.

**NOTE:** Housing is designed to fit between and directly against two adjacent wall studs.

5. Using a measuring tool, measure the marked area and compare to the dimensions shown in figure 1 below. If measurements match continue to step 6 if not adjust markings to match dimensions in figure 1 below.
6. Cut drywall on *outside* edge of line and remove.

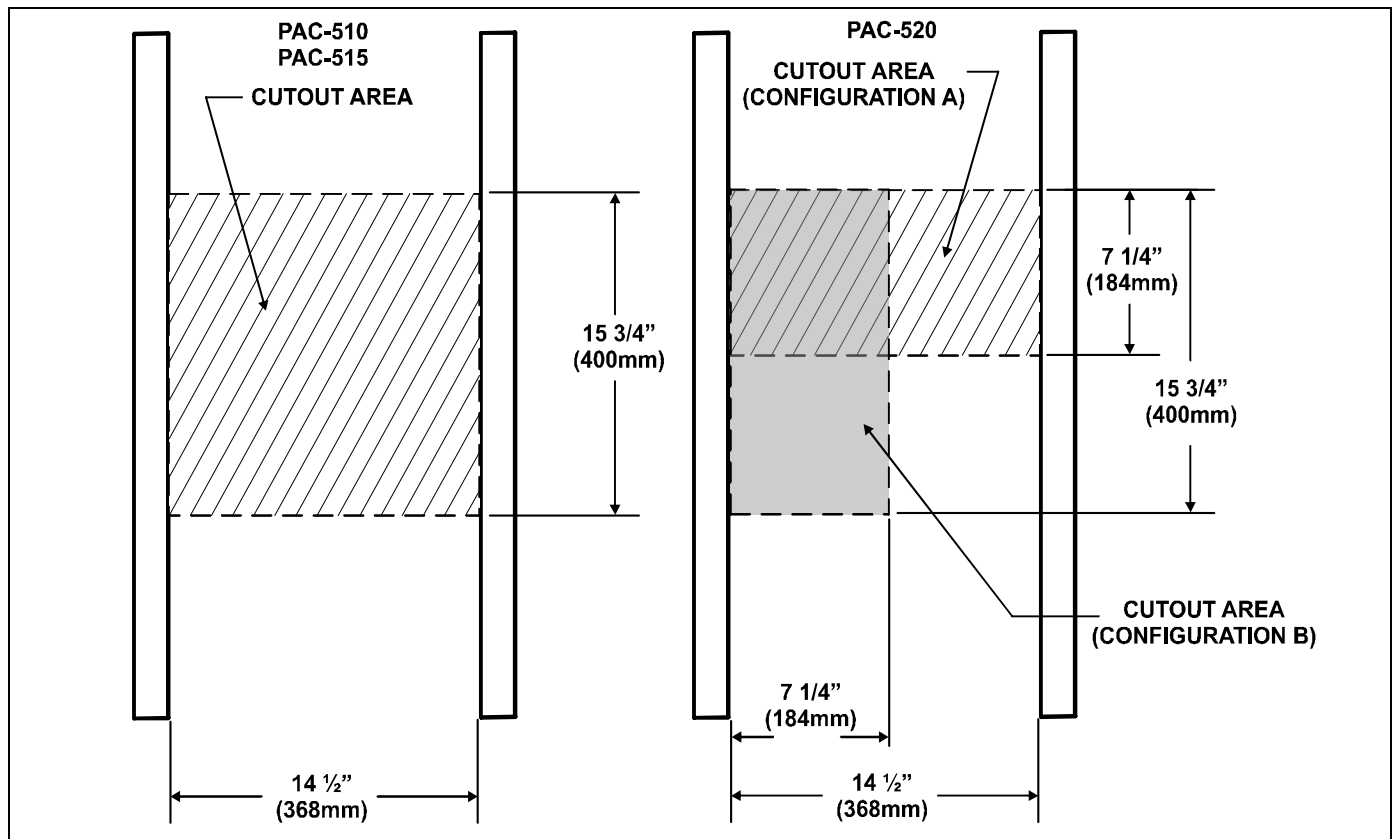


Figure 1

### Accessory Box Installation

1. Insert accessory box into opening, if installing PAC510 or PAC515, or position PAC520 in desired mounting location.



**WARNING:** ELECTRICAL SHOCK HAZARD! CUTTING OR DRILLING INTO ELECTRICAL WIRES OR CABLES CAN CAUSE DEATH OR SERIOUS PERSONAL INJURY! ALWAYS make certain area behind mounting surfaces is free of electrical wires and cables before cutting, drilling, or installing fasteners.

2. Secure accessory box to studs by:

#### WOOD STUD:

1. Drill four 3/16" dia. pilot holes in studs at mounting holes.
2. Install four M4 x 40mm Allen head connector screws into pilot holes using an M4 Allen head drill bit (provided).

#### STEEL STUD:

1. Drill four 3/16" dia. pilot holes in studs at mounting holes.
2. Install four 1/4" countersunk finishing washers and four 1/4" x 2" Phillips flat head self drilling screws into pilot holes.

**NOTE:** When installing PAC520 in configuration B the quantity of hardware changes to three for both wood and steel stud installations.

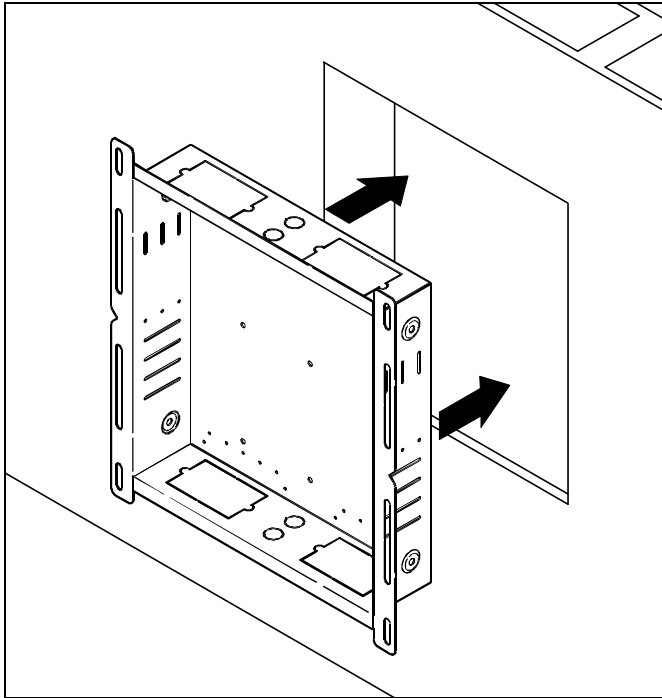


Figure 2

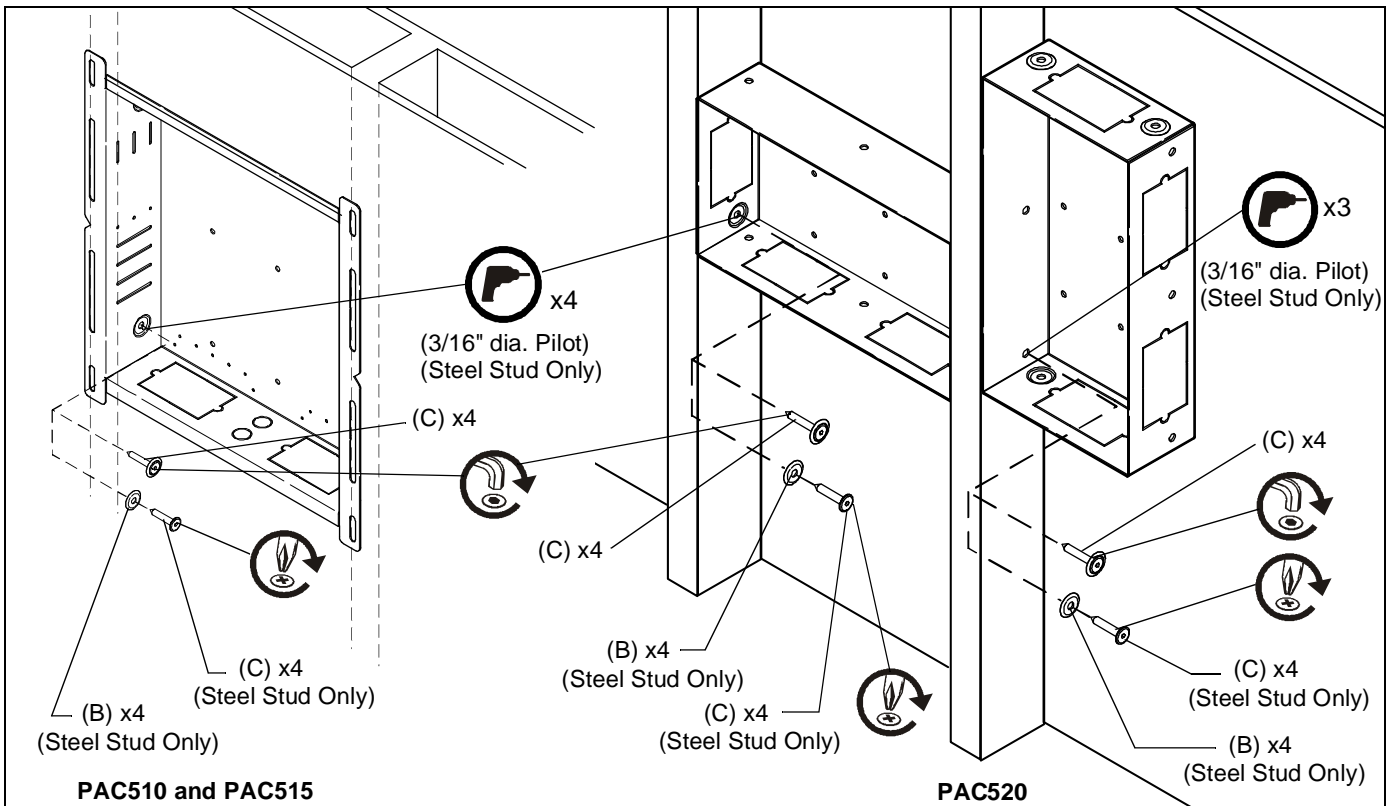


Figure 3



**DANGER:** IMPROPER WIRING CAN LEAD TO DEATH OR SEVERE PERSONAL INJURY! Grounding must be installed by qualified personnel using a UL Recognized No. 12AWG Green and Yellow grounding wire connected to grounding lug on mount.

### Installing Accessories

Accessories can be mounted directly to the PAC510, PAC515, and PAC520 by using the mounting screws provided and the mounting holes integrated into the box.

To mount an accessory:

1. Identify area within accessory box that accessory is to be mounted.
2. Align the mounting holes in accessory with mounting holes in box.
3. Secure accessory to box using Phillips screwdriver and as many 1/8-18 x 3/4" mounting screws (8 provided) as required.

**NOTE:** The top and bottom slots in the side flanges of PAC510 are designed to fall at the center of the studs on 16" centers. When installing a mount over the top of PAC510, align mounting holes in mount with top and bottom slots in side flanges and secure using hardware specified in the Installation Instructions provided with the mount.

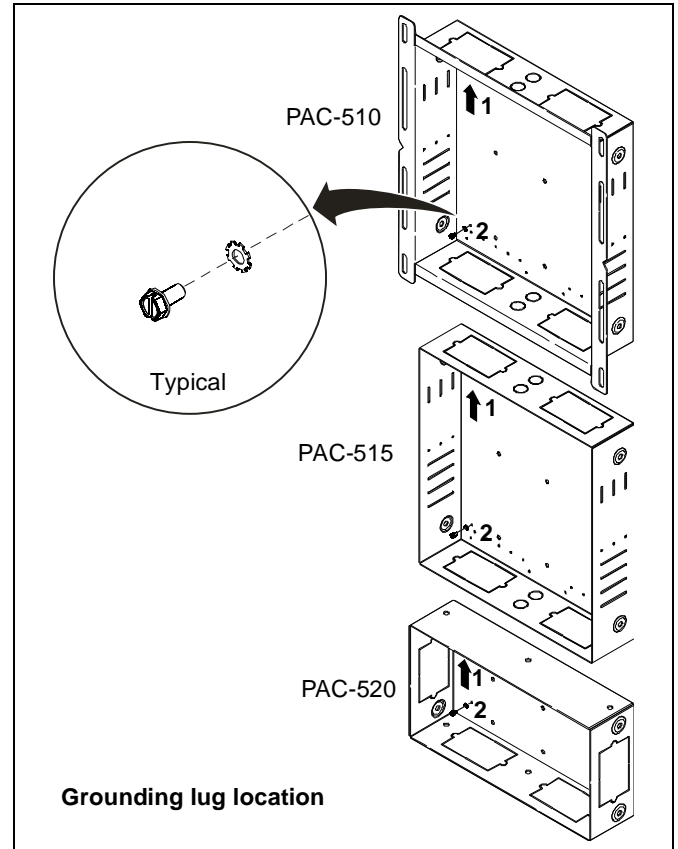


Figure 4

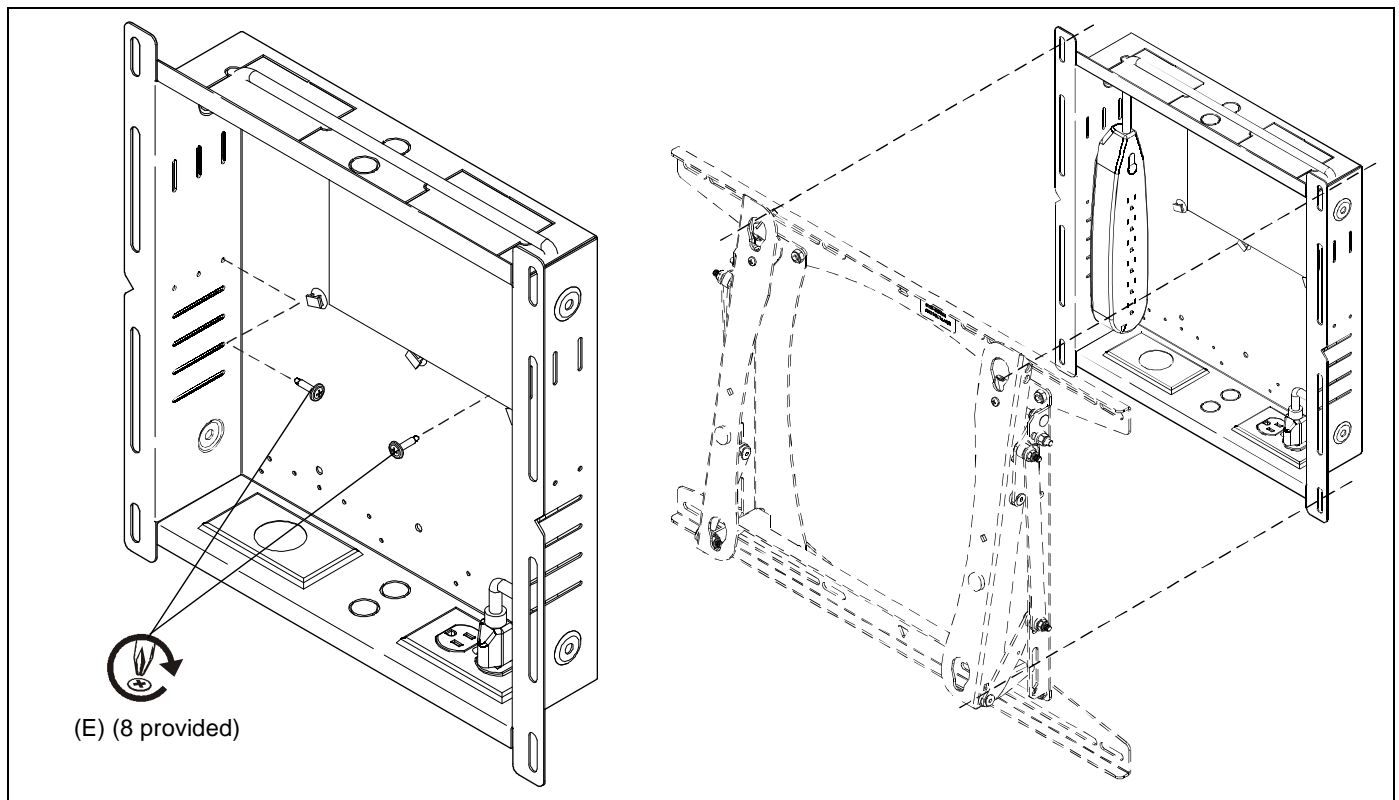


Figure 5



Our Mounts. **Your Vision.**

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