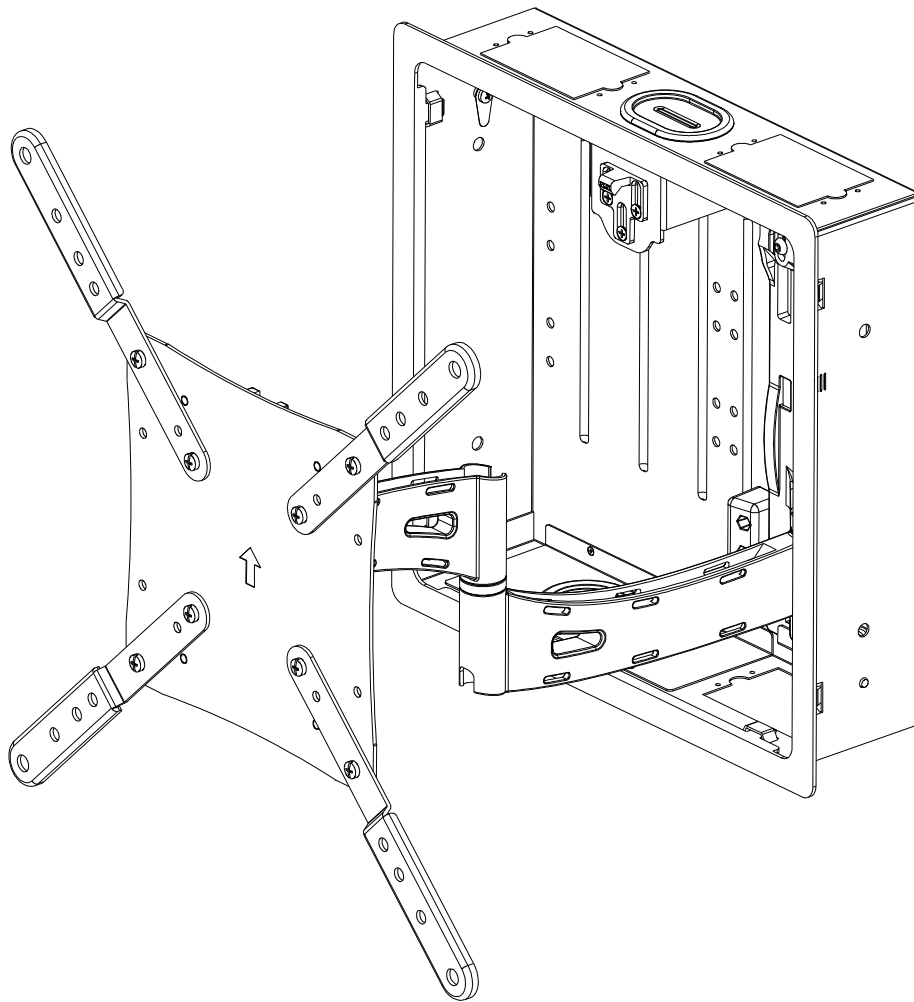




SM-VM-ART1-IW-L

Strong™ Razor Series Articulating VersaMount



INSTRUCTION MANUAL

1. Warnings

- Installation of this product should be done by a qualified professional.
- Do not begin installation before reviewing and understanding these instructions.
- Ensure the mounting wall used can safely support 4 times the combined weight of the mount and chosen display.
- Under no circumstances should this product be mounted to metal studs.
- The manufacturer does not accept responsibility for incorrect installation.



CAUTION:

This wall mount is intended for use only with the maximum weight of 75 lbs./34 kg. Use with heavier than the maximum weight indicated may result in instability causing possible injury.



2. Tools Required

- Power Drill
- 1/4" Drill Bit
- Phillips Head Screw Driver
- Level
- 1/2" (13mm) Socket Wrench
- Stud Finder (optional, recommended for wood stud mounting)
- Zip Ties (for wire management)

3. Hardware

Bag 1



(A) Phillips Head Machine Screw, M4x10 (4)



(B) Phillips Head Machine Screw, M4x20 (4)



(C) Phillips Head Machine Screw, M4x30 (4)



(D) Phillips Head Machine Screw, M5x10 (4)



(E) Phillips Head Machine Screw, M5x20 (4)



(F) Phillips Head Machine Screw, M5x30 (4)



(G) Small Nylon Spacer, OD12xID5.5x5 (8)



(H) M5 Washer, M5x12x1 (16)

Bag 2



(I) Phillips Head Machine Screw, M6x10 (4)



(J) Phillips Head Machine Screw, M6x10 (8)



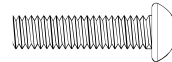
(K) Phillips Head Machine Screw, M6x20 (4)



(L) Phillips Head Machine Screw, M6x30 (4)



(M) Phillips Head Machine Screw, M8x10 (4)



(N) Phillips Head Machine Screw, M8x20 (4)



(O) Phillips Head Machine Screw, M8x30 (4)



(P) Phillips Head Machine Screw, M8x40 (4)



(Q) Large Nylon Spacer, OD15xID8.5x5 (8)



(R) M8 washer, M8x19x2 (8)

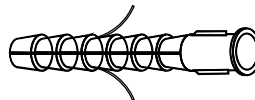
Bag 3



(S) M8x90 Lag Bolt (4)



(T) Washer 9.5x21x2 (4)



(U) Drywall Anchor 10x80 (4)



(V) Washer, M5, 6.5x18x2 (2)



(W) M5 Lock nut (2)



(X) M5 Nylon Washer 5.5x18x2 (2)

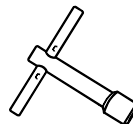
Bag 4



(T1) Small 4mm Allen Key (1)



(T2) Large 4mm Allen Key (1)



(T3) 8mm Socket Wrench (1)

4. Overview

Thank you for purchasing a great product from Strong™. We appreciate your purchase and are committed to providing the highest quality products possible. The Strong VersaMount™ is designed to provide the best in-wall TV-mounting solution for installers adding equipment behind low-profile displays and other wall-mounted equipment. It can easily be installed in new jobs with the included dust cover to protect the VersaMount™ during construction.

Inside the enclosure, components may be mounted using the built-in attachment points with expansion pins or zip ties. Add a wattbox (not included) to the bottom of the VersaMount™ for the best power and space-saving solution.

5. Installing Equipment into the Strong VersaMount™

The VersaMount allows for a variety of equipment configuration options. Experiment with the equipment configuration to determine the best installation method. For images of different configurations of equipment installed in the VersaMount, see the VersaMount product page and Support Tab at www.SnapAV.com.

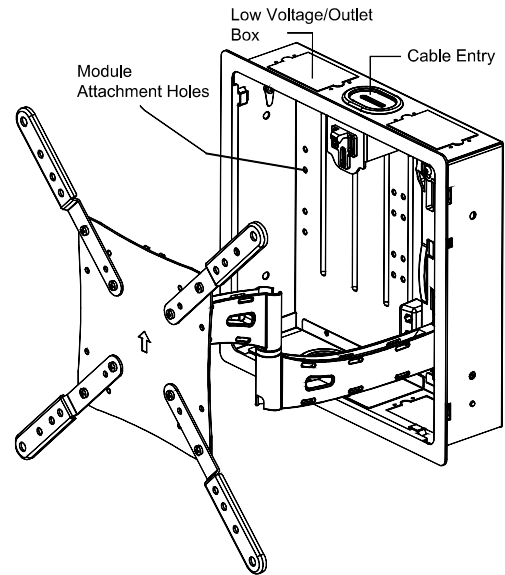
Using Knockouts

The knockouts on the top and bottom of the VersaMount may be used for installing low voltage rings or for outlet boxes. If an outlet box is installed, it must be a metal junction box with integrated work supports to allow for secure mounting.

Note: To ensure fire safety, the silicone grommets must remain in the VersaMount. When using these as wire guides, slit each grommet down the middle in a "+" shape, never remove them.

Modules

The back wall of the VersaMount has holes and knockouts stamped into it on 6" centers to allow for easy structured can module installation. Use a 1/4" drill bit to open more of the knockout stamps as needed to mount equipment.



6. New Work Installation Instructions

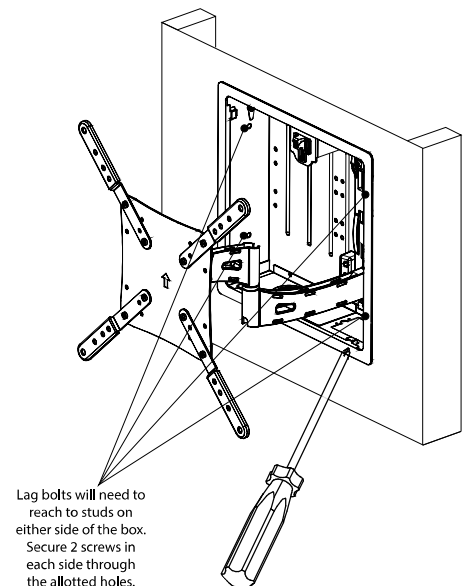
The SM-VM-ART1-IW-L dust cover is designed to protect the inside of the Strong VersaMount in new work applications before drywall is hung on the studs.

Note: Determine what thickness the drywall will be before installing the enclosure.

Strong VersaBox™ Installation (after drywall is installed)

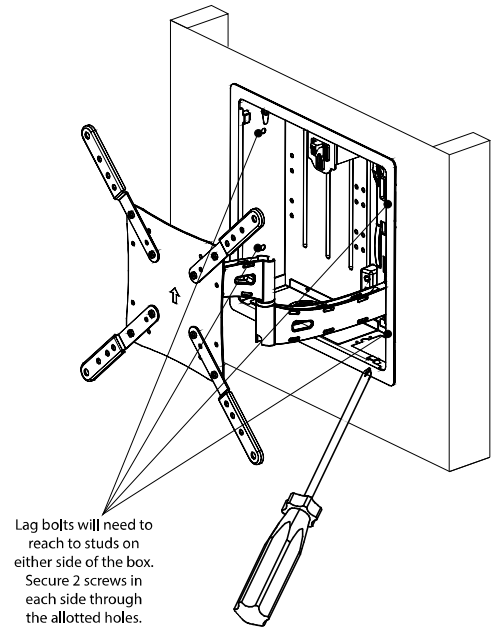
1. Open any knockouts in the VersaBox that will be used for wiring or electrical.
2. Pull the wires out of the wall opening and pull them into the desired openings of the VersaBox.
3. Insert the box into the opening left where the bracket is. Use standard lag bolts to secure the box to the studs on each side of the enclosure.
4. Use the dust cover to protect the inside of the VersaMount during finishing work.

Go to the SM-VM-ART1-IW-L product page at www.SnapAV.com for tips and ideas on how to install equipment into the VersaMount.



7. Old Work Installation Instructions

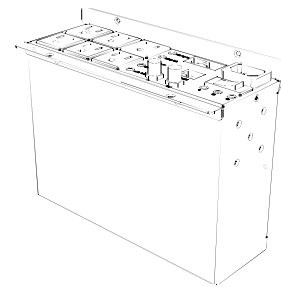
1. Mark the desired height of the top of the SM-VM-ART1-IW-L on the wall between two stud centers. Use a stud finder to locate the stud locations.
2. Use the cut-out template to mark the wall, using a level to line it up correctly.
3. Carefully cut the opening using a drywall saw.
4. After the hole is cut, test fit the box, and clean up the opening as needed.
5. Insert the box into the opening. Using a #1 Phillips screwdriver, secure the box to the studs with 2 lag bolts located on both sides of the box.



8. Optional Compact Wattbox

Note: If you are installing the optional WB-200VB, insert it prior to mounting the TV. If drywall is installed, see section 8.1.

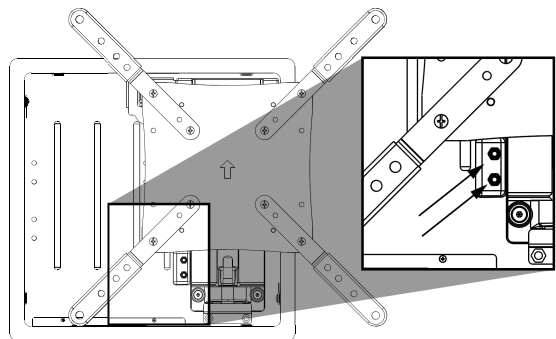
Remove the bottom panel by unscrewing the 4 pre-installed screws. Insert the compact wattbox, and re-thread the four screws to permanently secure it. For further installation information, see the WB-200VB manual.



Note: The single-gang knockout located at the bottom right corner of the box may also be utilized for a single-gang 2-outlet box.

8.1 Removing the Arm-Stop

If drywall is already installed, the arm-stop may have to be temporarily removed to allow for installation clearance of the WB-200VB. Remove the two screws attaching the arm-stop to the rear of the enclosure to remove the arm-stop. Replace the arm-stop after the wattbox has been secured within the enclosure to keep the mount from damaging installed equipment.



9. Install the Display Adapter Plate

- Carefully lay the display face-down on a soft surface.
- Locate the four mounting holes in the back of the display housing. Try to thread screws (A through L) in until the correct thread is found for the holes.
- Lay the adapter plate over the holes in the display (directional arrow facing up), and check the clearance between the TV and the plate. Make sure the mounting holes match up properly to four of the holes in the adapter plate. The adapter plate should be centered on the back of the display. See the available VESA patterns in Figure 1.
- If the plate won't sit flat against the back of the television, spacers (G and Q) and washers (H and R) may be placed between the display and the plate as needed.
- Fasten the plate to the display using a #2 Phillips screwdriver. Use screws long enough to thread securely into the display without bottoming out.

Note: The adapter plate (Figure 1) is designed for use with these VESA patterns: 100x100, 100x200, 200x100, and 200x200. For a 400x400 VESA pattern, attach the extension adapter (Figure 2) with the 4 included bolts (J).

Warning: Over-tightening can damage the bolts or the display and is not covered under warranty. Make sure the fasteners are tight enough not to rattle loose while the mount is in use.

Figure 1.

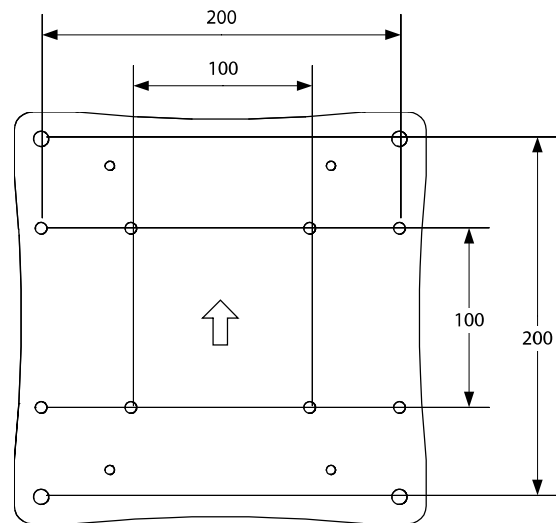
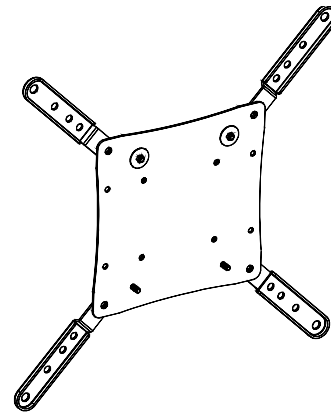


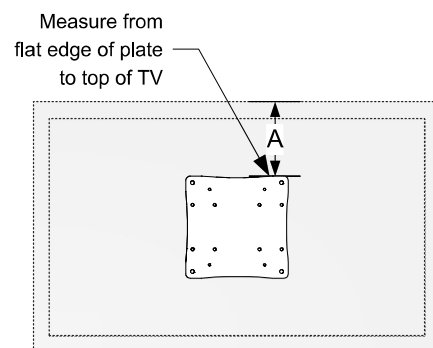
Figure 2.



10. Determine the Correct Mounting Height

- Decide the height where the top edge of the display should be once installed. (Height)
- Measure and record the distance between the top of the display and the top of the display adapter plate (Figure 3). Make sure to measure from the flat area on top of the plate, not the curved area. (Dimension A)
- Insert the Height and Dimension A into the formula:
$$(\text{Height}) - (A) + 5/8" = \text{Top Edge of Enclosure}$$

Figure 3.



- Mark the location of the top edge of the enclosure and use the mounting template to determine the cut out of wall.

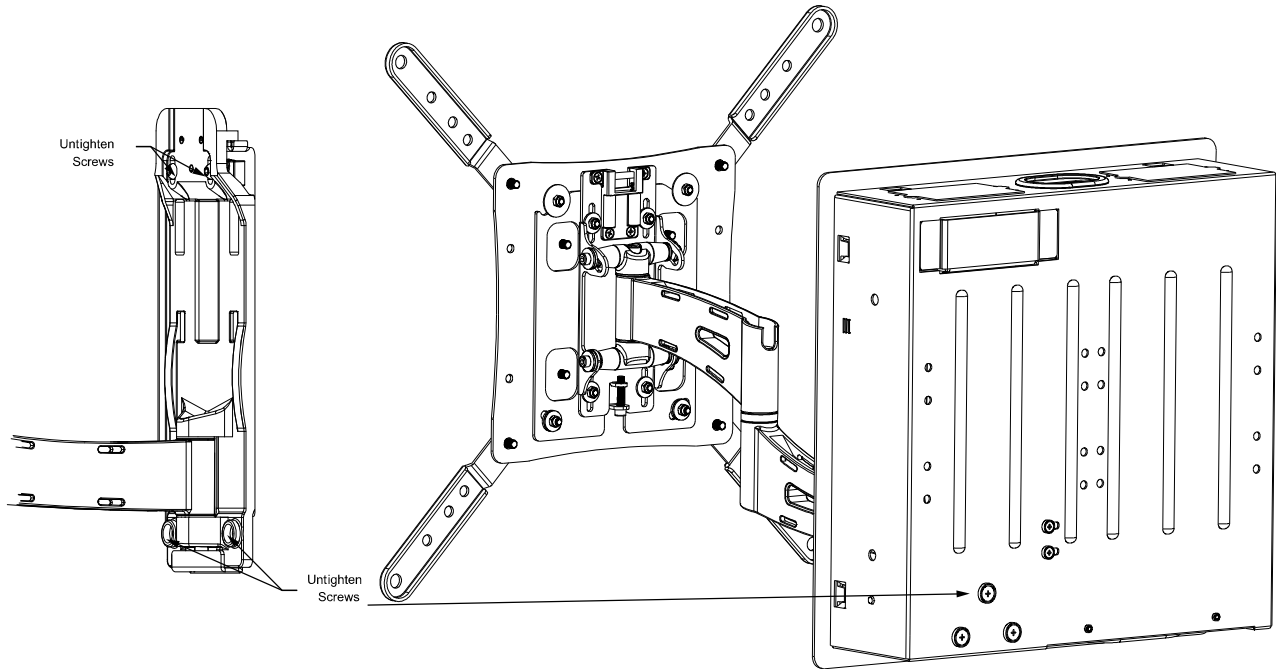
11. Detaching the Arm Assembly from the Enclosure

Note: It is not recommended to remove the Arm Assembly from the enclosure, but you may if so desired by carefully following the instructions below.

- A. Loosen the two upper clamping screws on the arm assemble, and loosen the 2 lower screws.
- B. Remove the upper, middle screw from the lower left corner of the rear of the VersaBox panel.

Note: Do not reinstall this screw if you wish to remove the arm after the VersaMount has been installed in the wall, as you will no longer have access to this screw.

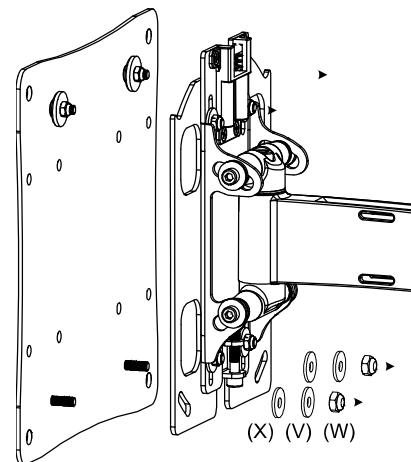
- C. Pull the mount arm up and away from the can to detach the mount.



12. Attaching the Display to the Arm Assembly

1. Lift the display and place it on the end of the arm assembly as shown in Figure 10.
2. Secure the display using the two Nylon washers (X), two metal washers (V), and lock nuts (W). Be sure to place the Nylon washer between the mount and the metal washer. This will allow for easier tilt adjustments later.
3. Tighten the nuts with the 8mm socket wrench (T3).

Figure 10.



13. Adjusting Display Position

13.1 Horizontal Level Adjustments

1. Loosen the two locking nuts (W) at the bottom of the arm assembly end plate using the 8mm socket wrench (T3). (Figure 11)
2. Place a level on top of the display, and rotate the display until it is horizontally level. (Figure 12)
3. Tighten the locking nuts at the bottom of the arm assembly end plate and then loosen them $\frac{1}{4}$ turn. This will allow for the display to be positioned with minimal effort.
4. After adjustment is complete, tighten the nuts.

Figure 11.

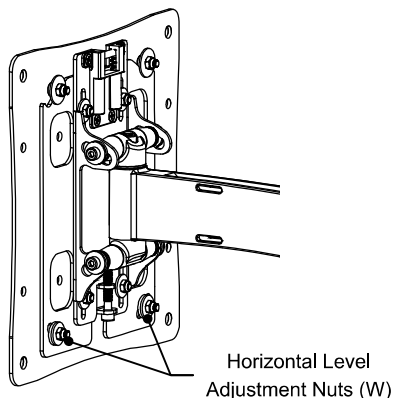
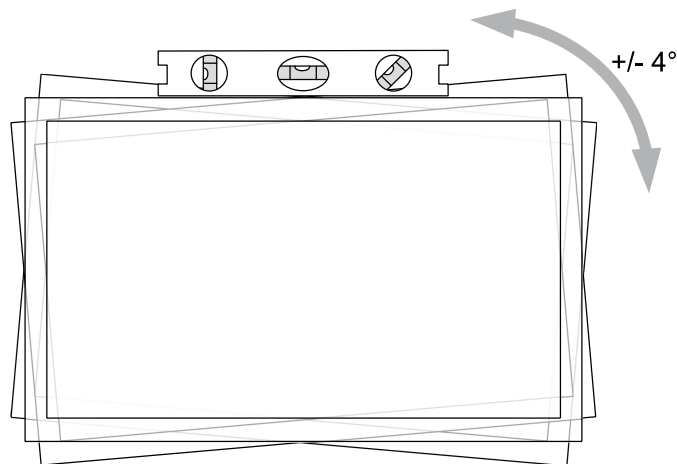


Figure 12.



13.2 Vertical Position Adjustments

The vertical position of the display can be adjusted $\pm \frac{3}{8}$ " from the pre-adjusted centered position. This is achieved by tightening (up) or loosening (down) the vertical adjustment screw located on the arm plate.

1. 1. Extend the arm to access the vertical position adjustment.
2. 2. Loosen the four lock-nuts on the rear of the arm plate using the 8mm socket wrench (T3). (Figure 13)
3. 3. Using the Large 4mm Allen wrench (T2), tighten the adjustment screw to raise the display, or loosen the screw to lower the display. (Figure 14)
4. 4. Tighten the four lock nuts on the rear of the arm plate using the 8mm socket wrench (T3).

Figure 13.

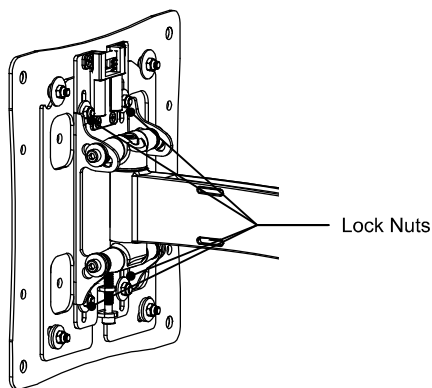
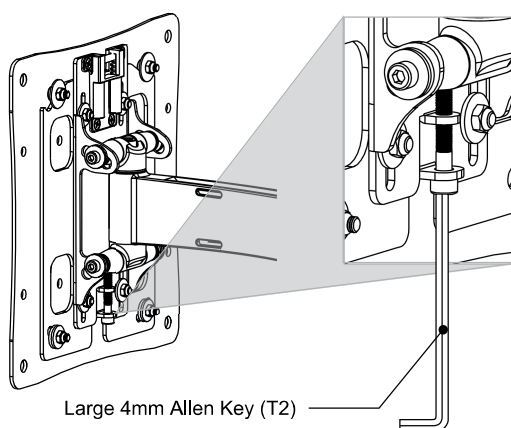


Figure 14.

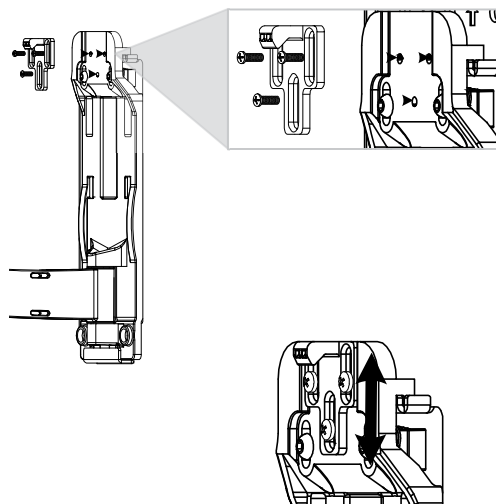


13.3 Adjusting Home Position (Fully Retracted)

The mount includes a home position latch that secures the arm to the wall mount. This prevents the display from being pushed away from the wall due to cabling.

Note: Only the TV Plate side of the latch is pre-installed. The home position latch clip requires installation and adjustment.

1. Extend the arm out away from the wall.
2. Attach the home position latch to the wall arm assembly using the three screws as shown in Figure 15. Use a #2 Phillips screwdriver to adjust the screws.
3. Leave the screws loose enough to be able to adjust the latch and set it at the top of its travel.
4. Push the display back to the wall.
5. If no “click” is heard as the arm is pushed flat, adjust the latch downward and test again.
6. Repeat these steps until a “click” is heard and the display latches completely to the wall mount.
7. After the latch is set correctly, tighten the screws completely.

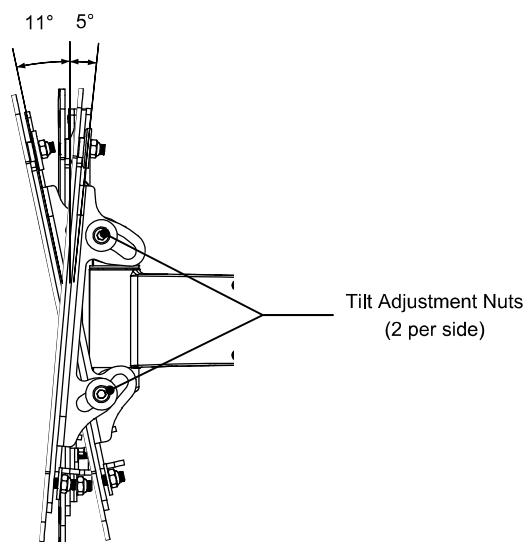


13.4 Tilt Adjustments

Tilt adjustments usually do not require loosening any bolts or screws. The tilt plate fasteners have been pre-adjusted for easy adjustment with most TVs. However, heavier TVs may sag due to the extra weight.

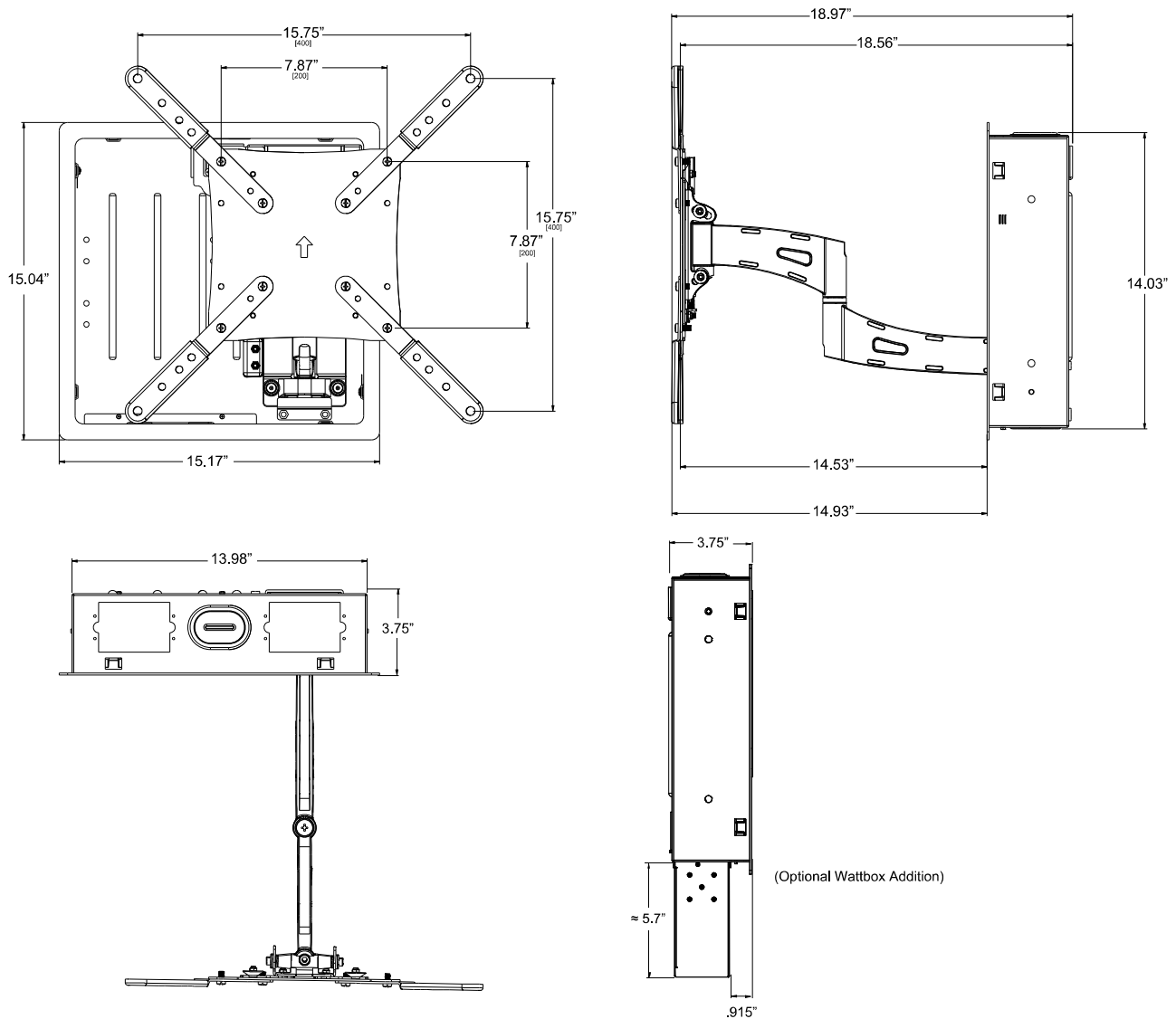
If this occurs, evenly tighten the lock nuts on each side of the end plate using the small 4mm Allen Wrench (T1) until the display no longer sags. (Figure 16)

Figure 16.



14. Notes

15. Dimensions



Warranty



Limited Lifetime Warranty

All Strong back-boxes and brackets have a Lifetime Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products that have been abused, modified, or disassembled. Products to be repaired under this warranty must be returned to SnapAV or a designated service center with prior notification and an assigned return authorization number (RA).

Contacting Technical Support

Phone: (866) 838-5052

Email: Techsupport@snapav.com



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