

# Installation Instructions

Tools needed for assembly

Stud finder (for wood stud wall)  
Pencil  
Electric drill

Drill bit (for wood stud wall)  
Masonry drill bit (for concrete wall)  
Ratchet

Measuring tape  
Phillips screwdriver

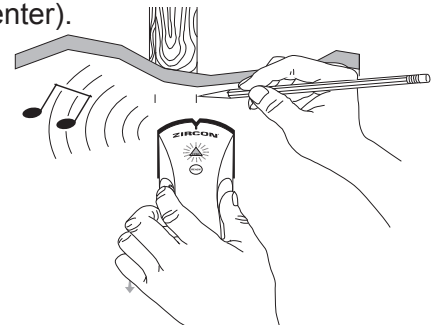
*Use a qualified professional to properly install. VideoSecu is not liable for the improper use or installation of its products. Common hardware is provided. Installers are responsible to provide additional hardware.*

## Wood Stud Wall Installation

### Step 1. Locate the wood studs

Wall studs run vertically (up and down) inside the wall, behind the drywall or plaster. You must attach the mount's wall plate to two wood studs, which usually are 16 inches apart (on center).

Use an awl, a thin nail, a drill bit, or an edge to edge stud finder to find the edges of the stud. Find the center of the stud (with a level) and mark it with a vertical line.

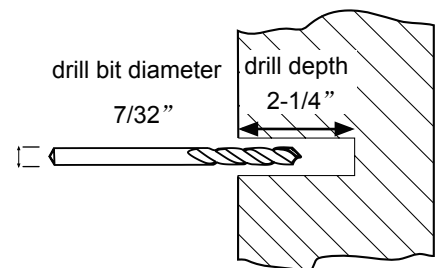
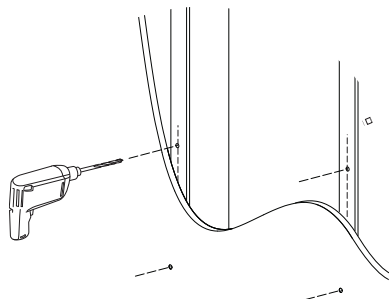
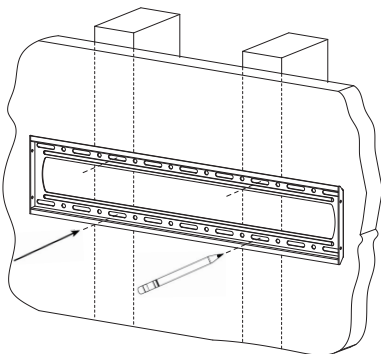


### Step 2. Drill pilot holes

2-1. Hold the wall plate so that the holes line up with the lines you marked.

2-2. Level the wall plate and mark the mounting hole position.

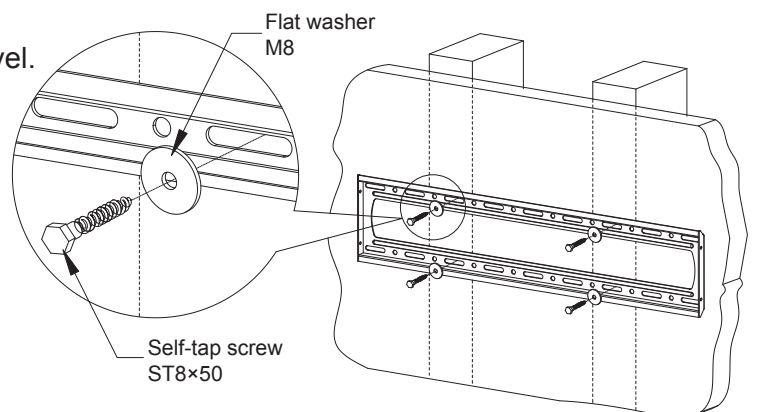
2-3. Drill pilot holes at the marked locations using a power drill and a 7/32" bit.



### Step 3. Mount wall plate

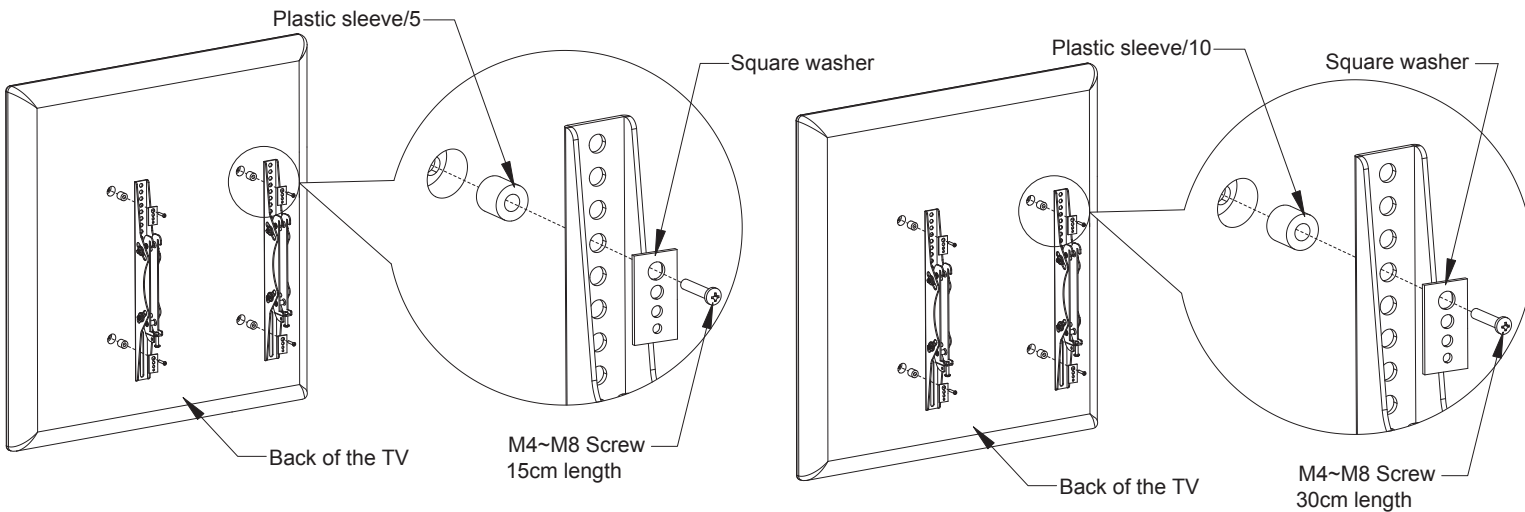
Using the provided lag bolts and washers, tighten each bolt with a socket wrench. Do not use a power drill and do not over tighten the lag bolts.

Double check the wall plate to ensure that it is level.



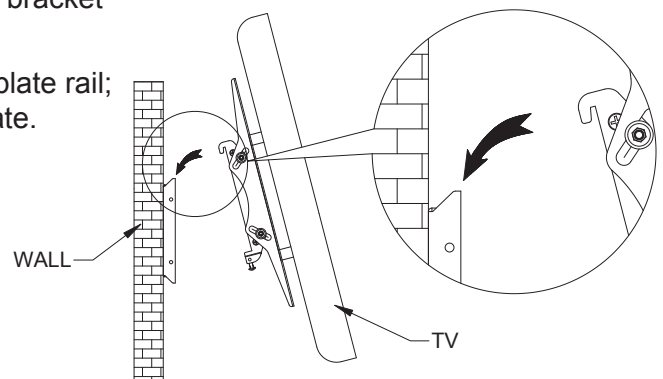
## Step 4. Attach vertical brackets to the back of the TV

- 4-1. Some TVs come with screws that are already in the wall mount holes (you can use those). The hardware pack also includes the most common sizes of screws. Hand thread screws into the threaded inserts on the back of your TV to determine the correct screw size needed. Some TVs may require specific hardware, which is not provided. In such cases, contact the TV manufacturer to determine the correct screw size and purchase them from your local hardware store.
- 4-2. For TVs with flat backs, align the TV bracket to the holes on the back of the TV. Only use hand tools to fasten on the supplied hardware (with a screwdriver). Use a square washer as needed.
- 4-3. For TVs with irregular backs, use plastic sleeve spacers between the TV and the bracket (only if needed).



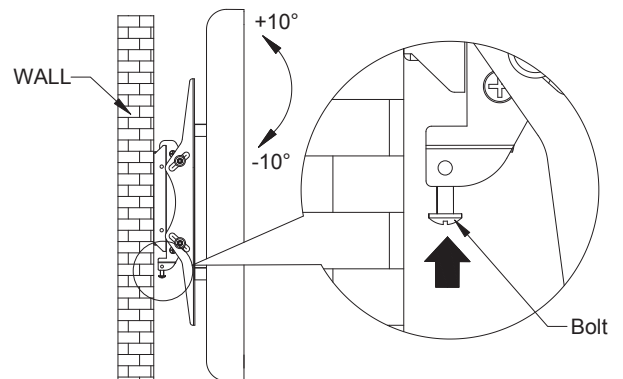
## Step 5. Hang the TV with mounting brackets onto the wall plate

- 5-1. Have two people lift the TV and hook the top of the bracket onto the wall plate rail.
- 5-2. Make sure both brackets are hooked onto the wall plate rail; make sure the TV is resting securely on the wall plate.



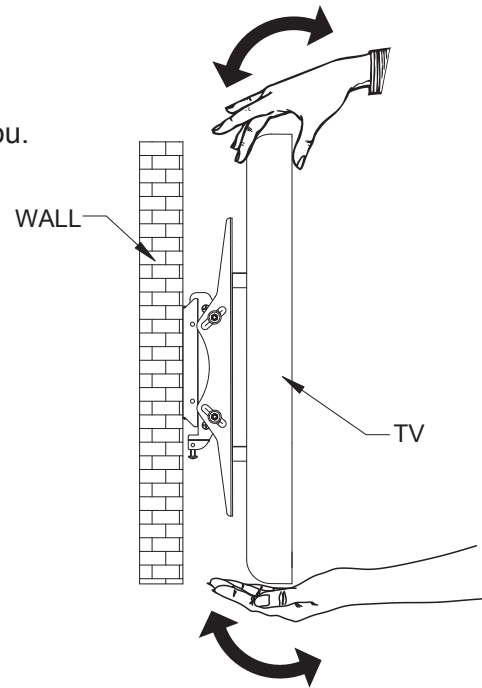
## Step 6. Tighten both security screws

- 6-1. Use a screwdriver to tighten the security screws to lock the TV in place. As shown in FIG 1.
- 6-2. Make sure that you cannot pull the bottom edge of the screen away from the wall.



## Step 7. Adjusting the TV tilt angle

Place one hand on the center of the top edge of the TV and the other hand on the bottom edge of the TV. Using the upper hand, gently pull the top of the TV towards you while using your lower hand to push the bottom edge away from you.



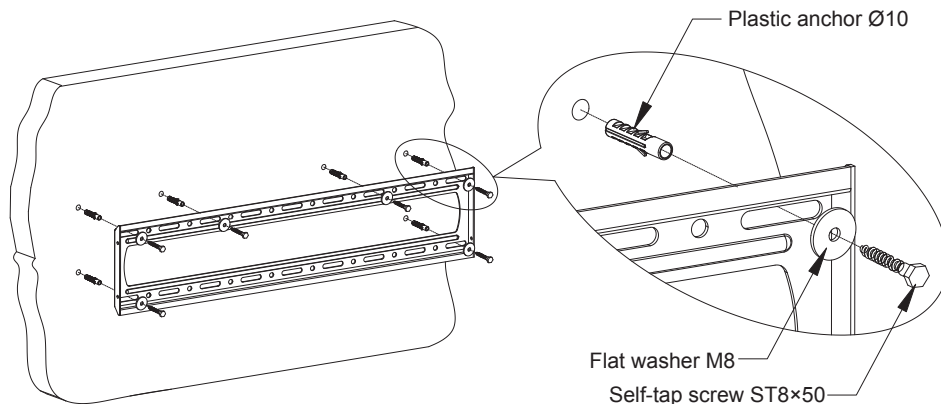
## Concrete Wall Installation

### Step 1. Drill mounting holes

- 1-1. Hold the wall plate against the wall where you want to mount the screen.
- 1-2. Level the wall plate and mark the holes where the wall plate is going to be secured.
- 1-3. Using a 3/8" Masonry bit, drill 2.5 inch deep holes at the spots marked in the previous step.

### Step 2. Install anchors

Find the plastic concrete anchors (DO NOT use in a wooden stud wall). Place an anchor in each hole. Tap each anchor into the wall with a hammer.



Following to Step 4 to finish the installation