

The Solid Ground Stands Wall Mount

Installation Instructions

Thank You for Trusting Solid Ground Stands with Your Instrument!

These are the installation instructions for the **Solid Ground Stands Wall Mount**. You will only need a few common tools and just a little bit of time to complete. Please read through these instructions completely before you begin to install. While not a difficult project for most folks, you do need to perform each step correctly in order to insure a proper installation. You will also need to consider carefully the location for your Wall Mount, keeping in mind your room, furniture, ceiling fans, traffic patterns, direct sun, etc.

If you have any questions, please contact us at info@sgstands.com and we will help you out.

Parts List

Here is a list of all the parts you should have received when you purchased your Wall Mount. If any hardware is missing, please contact us and we will send you what you need.

- (1) SGS wood wall mount with metal bracket pre-installed
- (1) aluminum bracket channel with spacers attached
- (1) steel channel bracket plate
- (2) wood screws for attaching to studs in wall (preferred)
- (2) toggle bolts for attaching to drywall
- (1) hex head lock bolt
- (1) hex head key wrench
- (1) bolt plug with magnet attached
- (2) self-adhesive felt strips

Tools Required

- regular pencil
- tape measure
- level (not absolutely necessary, but definitely helps)
- hammer or mallet
- cordless screw gun or drill
- 1/8" drill bit (for wood screw pilot holes into wall stud)
- 1/2" drill bit (for toggle bolt holes thru drywall)
- Phillips screwdriver
- 3/16" hex head key wrench or Allen wrench (included)

INSTALLATION STEPS SUMMARY

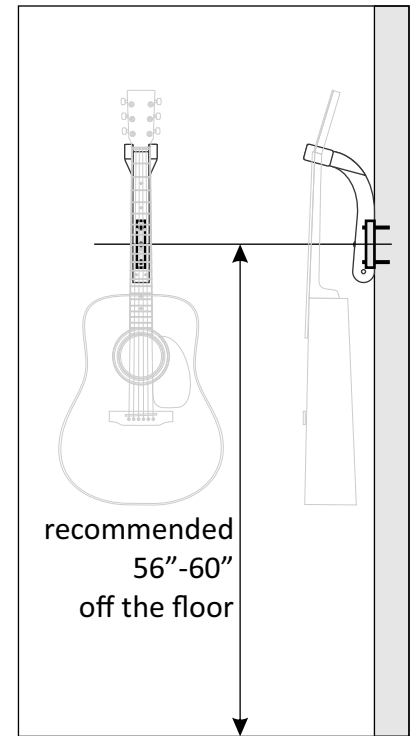
- 1) Location
- 2) Bracket Screw/Toggle Bolt Holes
- 3) Install Bracket to wall
- 5) Install Wall Mount to Bracket
- 6) Install Lock Bolt and Cap
- 7) Kick back and ENJOY!



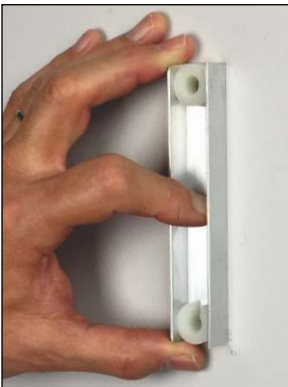
Step 1 - Location

Location along the wall - It is generally best practice to attach the wall mount directly to a stud in the wall with the supplied wood screws. However, if your location doesn't land on a stud, you can use the included toggle bolts to attach directly to the drywall. Either method will provide more than sufficient strength to secure the mount to the wall. *(as long as you don't use the wall mount to do your chin-up workout!)*

Height off floor - the vertical location can be anywhere that provides sufficient clearance from the floor and ceiling, allowing for your longest guitar body and headstock. Generally we have found approximately 56"-60" off the floor works well. You may want to install it a bit lower or higher to suit you. *(You could even go much lower and higher if you want to install several in two rows one above the other, or staggered...it's up to you!)*



Step 2 - Bracket Screw Holes



Place bracket channel on wall - Once you have determined the location for the wall mount, use the bracket channel as a template guide to mark the location of the screw holes. *(Be sure to place the channel on the wall with the U-shaped spacer on the bottom with the opening facing up. This is critical to allow clearance for the bracket hooks to fully engage the bracket plate).*

Plumb / Vertically Straight - Be sure the channel is plumb (straight vertically) with a level if you have one. If you do not have a level, you could just use a washer tied to a string as a plumb line.



Mark Screw Locations - Using a pencil, mark the location of both screw holes on the wall.

Drill Holes - Using a screw gun or electric drill:

1) **Screws into Stud** - drill the screw pilot holes into the wall stud with an 1/8" bit at least 1-1/2" deep.

- OR -

2) **Toggle Bolts on Drywall** - drill the installation holes all the way through the drywall with a 1/2" bit.



Step 3 - Install Bracket

For Installation with Screws to Stud

Loosely assemble the channel, plate, and screws by placing the plate on the front side of the channel on top of the spacers. Be sure the plate is “face-up” so the screw countersinks are facing out towards the screw heads. Line up the screws holes in each end being sure to note which end of the channel has the cut U-shaped spacer - **this must be the bottom end!** Insert a wood screw through each hole as shown.



Hold the assembly to the wall and start to thread each screw several turns into the pilot hole before tightening them completely. Drive the screws in almost all the way, then align the plate to the vertical and horizontal centers of the channel. Tighten the screws firmly, **but be careful not to over tighten**. It is best to use a hand screwdriver to do this final tightening.



For Installation with Toggle Bolts to Drywall

Loosely assemble the channel, plate, and toggle bolts by placing the plate on the front side of the channel on top of the spacers. Be sure the plate is “face-up” so the screw countersinks are facing out towards the screw heads. Line up the screws holes in each end being sure to note which end of the channel has the cut U-shaped spacer - **this must be the bottom end!** Insert a toggle bolt through each hole as shown and thread a wing on each toggle bolt just enough for the end of the bolt to clear the wings. Be sure to note the wing orientation compared to the bolt. Hold the assembly to the wall and squeeze the toggle bolt wings together to start into each hole. Use a small hammer or mallet to tap the toggle bolts into the wall until the wings clear the inside and can open up.





Once you are certain the toggle wings are open inside the wall, then use a screwdriver or screw gun with a phillips head driver to tighten the toggle bolts. You will need to pull out on the entire assembly while threading in the toggle bolts in order to engage the wings against the drywall inside the wall (see photo). Drive them in almost all the way to just snug, then align the plate to the vertical and horizontal centers of the channel. Tighten the screws firmly, **but be careful not to over tighten**. It is best to use a hand screwdriver to do this final tightening.


Please note: the toggle bolts provided with your wall mount have special flat heads. ***DO NOT*** substitute regular round head bolts as these will not work. There is very little clearance between the bracket screw heads and the toggle bolt heads.

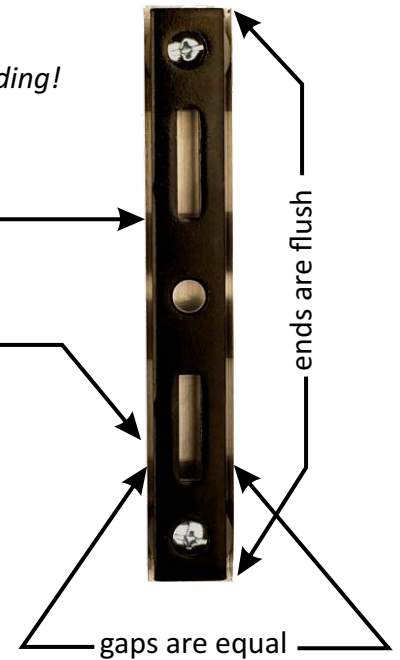
Confirm Wall Bracket Installation

Double check these 3 items for proper installation of the bracket before proceeding!

1) Confirm the plate is aligned into the center of the channel both vertically and horizontally. 

2) Look into the lower plate slot and confirm the cut U-shaped spacer is at the bottom of the bracket assembly with the opening facing up. 

3) Confirm the bracket channel and plate assembly is plumb (vertically straight) with either a level or plumb line. 



Final Adjustments - if you need to make any adjustments to the positioning of the bracket assembly, you may need to slightly loosen the screws or toggle bolts to lightly tap into position. Once you are confident the bracket assembly is in the correct position, final tighten the screws or toggle bolts with a hand screwdriver, **but be careful not to over tighten.**

Once properly installed, you should not be able to move the bracket channel and plate assembly on the wall.



Step 4 - Install Wall Mount

Installing the Wall Mount - place the wood wall mount onto the wall bracket and slide down to completely engage the bracket hooks inside the wall mount to the slots in the bracket plate assembly on the wall. When properly engaged, you should only be able to remove the wall mount from the bracket assembly by first lifting up to disengage the bracket hooks from the plate slots.

You're almost there....just one more important step!



Step 5 - Install Lock Bolt

Installing the Lock Bolt - once the wall mount is properly seated on the bracket, the socket head lock bolt is installed using the 3/16" hex head wrench provided. This lock bolt will thread into a nut that is captive behind the bracket inside the wall mount itself. It then extends into the center hole in the bracket plate assembly on the wall. The lock bolt needs to be just a snug (finger tight), not fully tightened. It is not necessary to tighten the lock bolt fully with the hex head wrench. Over tightening could damage your wall mount. The lock bolt is simply there to secure the wall mount to the bracket assembly and prevent it from being accidentally lifted off the bracket.



Please note: if the wall mount bracket hooks are *not* seated completely into the slots in the bracket plate assembly, then the lock bolt will not thread fully into the wall mount as it should. The lock bolt should easily thread into the wall mount far enough that the top of the head of the lock bolt sits 1/4" or so below the front surface of the wall mount.

If you are unable to seat the lock bolt fully into the wall mount, then you may need to retrace your steps to assure proper alignment and installation at every step.

Installing the Felt Strips - *Only if needed.* If the wall surface is a bit uneven causing the wall mount to "wiggle" a bit even with the locking bolt securely installed, the two supplied self-adhesive felt strips may be attached to the back of the wall mount on either side of the bracket channel.

Installing the Wood Plug - Once the lock bolt is installed and secure, take the wood mushroom plug with magnet attached to cover the bolt head and complete the installation. The magnet will pull itself in and attach to the head of the lock bolt.

To remove, just carefully slip a fingernail or two under the edge of the mushroom cap and lift out to access the lock bolt.



Congratulations - You are Done!

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