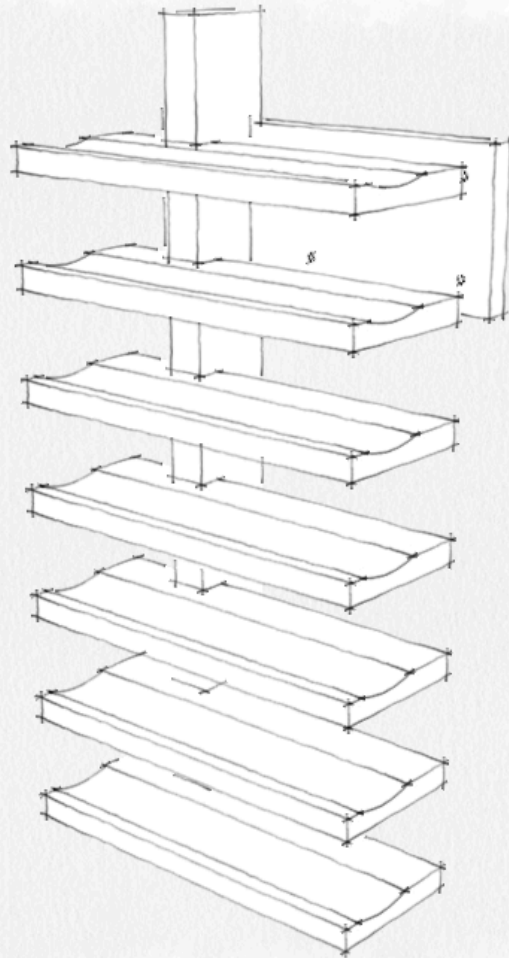


# Hanging Wine Rack



## Description

The Hanging Wine Rack by Riversound Woodworks is a wall-mounted display for wine bottles. (If you are reading this it means you probably bought one and if its purpose isn't obvious then we are both about to be unhappy!). Our design uses a cantilevered design with the individual rack shelves and mounting plate supported by dado cuts along the spine. While we don't general use screws in our work, when it comes to our wine (we use these on our own cellar), well, better safe than sorry. To that end, everything attached to the spine is both glued and screwed. Should the glue ever give way, and that's unlikely to happen in our lifetimes, but let's just say, then a mechanical fastener will be there for backup.

## Mounting

Now that you have a rack, you need to mount it. Below is the method we recommend. You are responsible for ensuring that whatever method you use to secure your rack to a wall is secure. Riversound Woodworks can not take responsibility for a faulty installation.

A bottle of wine doesn't weight too much; even the thickest glass bottles yield a filled weight of less than 5 lbs. Racks come in 3 to 6 unit configurations and the units and, with a heavy wood such as Maple or Walnut, weigh

less than 10 lbs. A little quick math yields a maximum loaded weight of 40 lbs. More commonly, a 6 unit rack, fully loaded, will be closer to 25 lbs. While this can safely be mounted directly in drywall, we recommend following the stud-mounting instructions below.

## Preparation

1. Inspect your rack and make sure all pieces are securely fastened to the spine. This includes each shelf and the mounting plate at the top. An alignment guide is also provided that will not be attached to the spine.
2. Review the hardware provided. You do not need to use our hardware. If you prefer to use toggle bolts, or nails, or a levitation spell, that's cool. These instructions assume you will use the hardware provided.
3. Inspect your materials and tools. You'll need:
  - The rack
  - The mounting hardware provided
  - The guide bracket
  - A measuring tape (useful, not strictly necessary)
  - A pencil of some way of marking the mounting holes
  - A stud finder (see below)
  - A philips head screw driver
  - A corded or cordless drill driver

## Frame Wall Installation

Three and four bottle racks can safely be installed directly over drywall utilizing the anchors provided. Just follow on from step 5 and ignore the bits about finding a stud. For five and six bottle configurations wall anchors will, in theory support up to 140 lbs across the four mounting holes. We don't recommend testing that theory and instead **strongly** suggest you follow the stud mounting instructions below. (Nothing preventing you from following these instructions for the smaller racks as well!)

4. Locate a stud. A stud finder is good for this and is a cheap tool to have handy. Failing that, careful inspection will often reveal a slight circular elevation of the drywall where contraction and expansion have pushed the drywall mounting nails or screws through the drywall. Worst case, tapping and probing with a tiny 1/16" drill bit will find a stud. (WARNING: It might also find an electrical wire, water, or drain line so be careful!). If you have a block or concrete wall, I'm going to assume you are already familiar with setting a concrete anchor and you can ignore most of the rest of this document.
5. Align either column A or column B with the stud you've located and transfer the four pre-drilled holes in the mounting plate to your wall. Any easy way to do this is to place a piece of paper in the back of the mounting plate and poke holes in the paper to align with the mounting holes then hold the paper against the wall to mark the screw locations.
6. For the column of holes that WILL NOT be located over the stud, pre-drill a 1/4" hole where you've marked the wall and screw in the plastic wall anchors. For the other two holes, pre-drill a small hole about 1 1/4" deep.
7. Mount the rack into the stud ONLY using the screws provided.
8. Also provided is a guide plate. This helps to support the lower part of the rack both front to back so that the spine "floats" above the wall, as well as side to side. It doesn't need to be very strong as it never receives much of a load and doesn't require stud mounting. Simply slip it behind the rack, position it somewhere near the bottom, mark the wall side with a piece of masking or painters tape at the edge of the guide, and remove the guide.

9. Unscrew the rack from the wall.
10. Mount the guide using a provided wall anchor and screw.
11. Reposition the wine rack and mount into the stud followed by the other set of anchor screws going into the plastic wall anchors.
12. Place light pressure on each shelf (remember a bottle only weighs a few pounds!) and load it up!

Enjoy and thanks again for your purchase. Please feel free to contact us with any questions at [andy@riversoundwoodworks.com](mailto:andy@riversoundwoodworks.com)

