

Wall Mounted TV Cabinet

H2OBungalow.com

Materials List:

1-1/4" pocket hole screws
1/4" x 4" or 5" lag screws
Edge banding (for the doors)
8 sets of hinges
Kreg Jig
Miter Saw
Table Saw
Drill
Iron

Lumber:

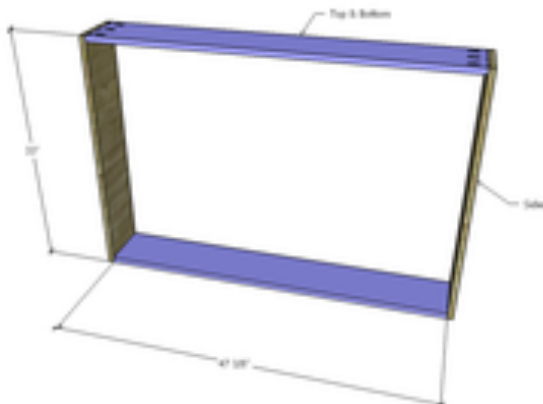
2 – 1x8 poplar at 8'
1 – 4' x 4' sheet of 3/4" poplar plywood
3 – 1x4 pine at 6'

Cut List:

2 – 1x8 at 33" – Sides
2 – 1x8 at 47-3/8" - Top & Bottom
3 – 1x4 at 47-3/8" – Bottom Support & French Cleat
2 – 3/4" plywood at 12-1/16" x 33" – Outer Doors
2 – 3/4" plywood at 12-1/8" x 33" – Inner Doors

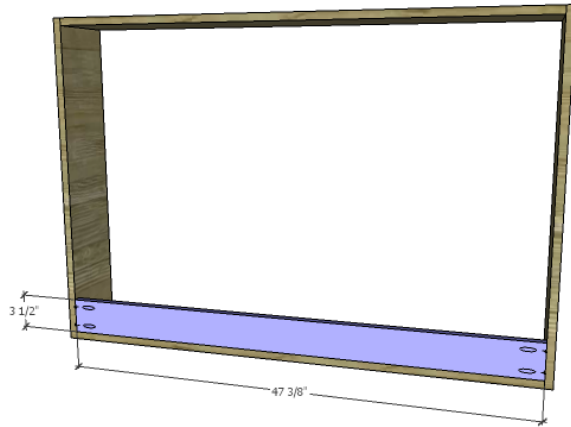
Step One

Cut the pieces for the sides, top and bottom. With the pocket hole jig set for 3/4" material, drill pocket holes in each end of the top and bottom pieces. Secure the top and bottom to the sides using glue and 1-1/4" pocket hole screws.



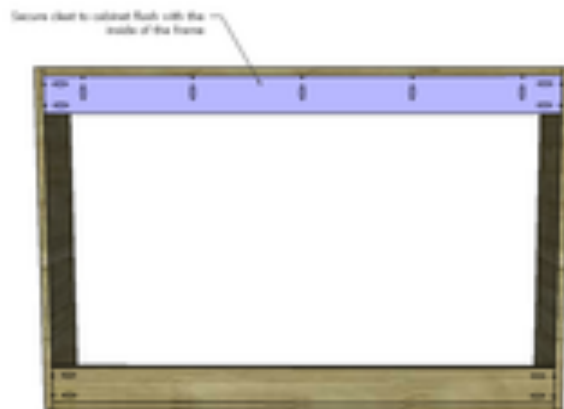
Step Two

Cut the pieces for the bottom support and drill pocket holes in each end. Secure the bottom support to the sides of the cabinet (resting on the bottom of the cabinet frame) using glue and 1-1/4" pocket hole screws.



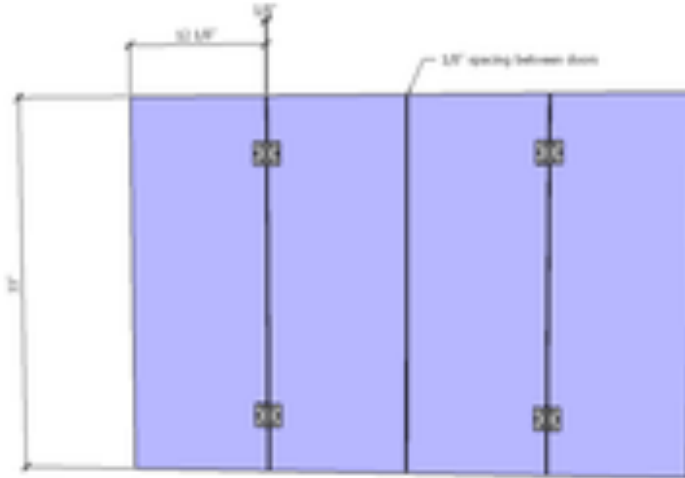
Step Three

Cut the pieces for the French cleat. Use a jigsaw set to a 45 degree angle or cut a 45 degree bevel along one long edge of each piece with a table saw. Lay one piece on a work surface with the bevel facing down and mark the ends as well as the long edge opposite the bevel for pocket holes. Drill the pocket holes. Secure this piece inside the cabinet flush with the back edges of the frame using glue and 1-1/4" pocket hole screws. Set the other piece for the French cleat aside.



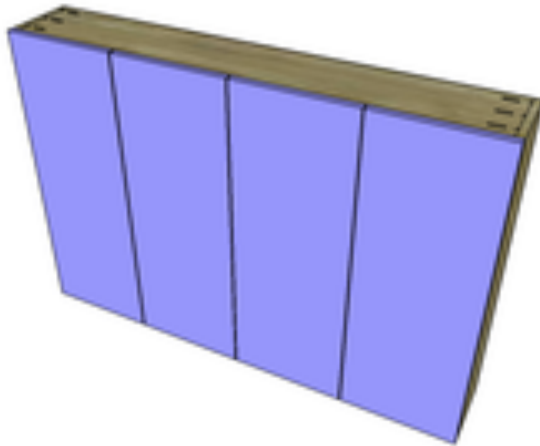
Step Four

Cut the pieces for the doors and apply edge banding to the exposed edges of the plywood using a household iron, trimming away the excess banding. Lay the doors on a work surface – the 12-1/16" wide doors will be on the outside and the 12-1/8" doors will be on the inside, with 1/8" between each door panel. Secure the hinges to the inside or back face of each pair of doors.



Step Five

Install the hinges for the outer doors on the cabinet frame, then install each door pair to the cabinet. Install magnet closures at top of cabinet



Step Six

To install the French cleat on the wall, mark the position for the cabinet on the wall and locate the wall studs. The lag screws will be secured through the cleat and drywall into the wall studs. Lay the French cleat on a work surface with the bevel facing down and mark the position for the studs. Pre-drill the holes for the lag screws. Position the cleat on the wall and drive the lag screws through the pre-drilled holes in the cleat and the drywall into the wall studs. Hang the cabinet on the cleat mounted to the wall matching the bevels.

