

# #9055 Two-Story Room Box Kit

## Step-by-step assembly instructions

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### PARTS LIST:

- Floor/ceiling panels (2)
- Center floor panel, with staircase opening
- Back panel, with two window openings
- Side panel, no openings
- Side panel, with door and round window openings
- Trim pieces (5), 3 shorter pieces for floor and ceiling edges, two longer pieces for walls

### SUPPLIES NEEDED:

- Masking tape
- White glue (such as #1249 Weldbond)
- Smooth, flat work surface, protected from glue
- Sharp pencil
- Ruler
- Weights, such as books, to secure divider wall while the glue dries

### GENERAL INSTRUCTIONS

- Identify and inspect all parts using the Parts List.
- Read the directions completely before beginning the project.
- If possible, have a dedicated work area so that you are not unpacking, repacking, and moving the project from place to place.
- Choose a work surface that is level, clean, dry, and protected from glue spills.
- Do a dry fit, using masking tape to hold parts in place, to make sure everything fits together correctly before assembling permanently.

## Assembly Instructions

1. Start with the back wall and a side wall piece. Make sure the door/window openings will be where you want them before proceeding.
1. Stand the pieces on edge so that the long joint is vertical (Fig. 1). Apply tape across the joint with the back piece outside, over the edge of the side/wall piece and flush along the edge. Tape the next joint like the first, back piece outside over the edge of the side/wall piece.

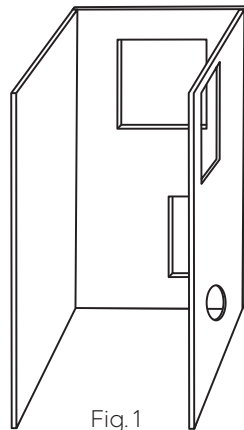


Fig. 1

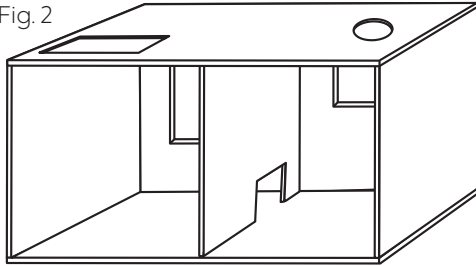
1. From the inside of the box, open the taped joints and apply glue along the length. Fold the joints closed again and add tape if necessary to correct any warping. Wipe away any excess glue.
1. With the box still upright, apply glue to the back and side edges of a floor/ceiling panel. At the end that is now down, on the table, slide the panel in place, making sure the joints are flush. Slide the box forward off the edge of the table and secure the front corners with masking tape. Rotate it and secure the back corners. Turn the box upside down, make sure all edges are flush, add more tape as needed and wipe away any excess glue.

### Tips:

- The kit is made of 3.6 mm luan plywood, and is sturdy and lightweight when assembled. The thin panels may sometimes seem slightly warped when the package is opened, but that is easily corrected during assembly and will not affect the completed kit.
- 100 grit sandpaper will help smooth edges and reduce splintering, but finer grades (220 or above) are needed for a smoother surface. Be careful not to round off the panel edges before assembly. Use wood filler for any voids in the panel surfaces. For finishing, high quality semi-gloss paint is recommended.
- The die-cut window and door openings do not have to be used; the cutout pieces may be left in place and concealed by finishing materials (wallpaper, etc.). The cutting grooves may be filled in with wood putty for better appearance, if needed. Either side of the panels may be used, to allow alternate placement of the door and window openings.
- Measure and mark a center line across the back wall and both side pieces for accurate placement of the center floor. Apply glue to the line when you install the floor.
- Punch out the openings you want to use and check that your window and door units will fit properly. Adjust openings as necessary, allowing for thickness of floor at door opening.

1. Repeat for the end that is now down on the table.
1. Rest the box on its back and apply glue to the placement line for the interior floor and slide the panel in place, making sure the staircase opening is where you want it. Adjust and tape in place if necessary for correct position. Rest the box on its side and use books or other weights on top to provide good contact with the glue and help the floor stay in position while it dries. Carefully clean away any excess glue (Fig. 2).

Fig. 2



1. The trim pieces cover the exposed cut edges of the box, longer pieces extending over the shorter ones at the corners (Fig 3). Dry fit both longer pieces in place and mark the position of the floor.

1. To allow for slight variations in size, assemble the trim frame flat on the work surface before applying it to the box. Surface-tape the corners and floor joints, turn the frame over and open the joints to apply glue. Close the joints, making sure everything is flush and square, wipe away any excess glue and allow to dry, using weights if needed. When ready, fit and glue the trim frame onto the box. Use tape as needed; make sure there is no overhang at the bottom.

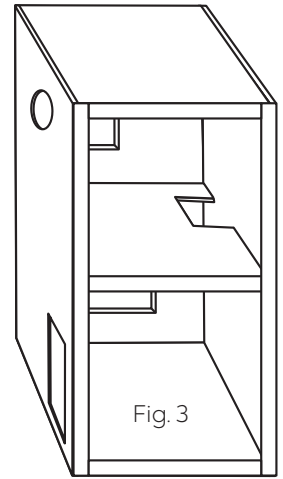


Fig. 3

It is easier to complete the interior finishing before applying the trim.

Assembly of the Two-Story Room Box is now complete.