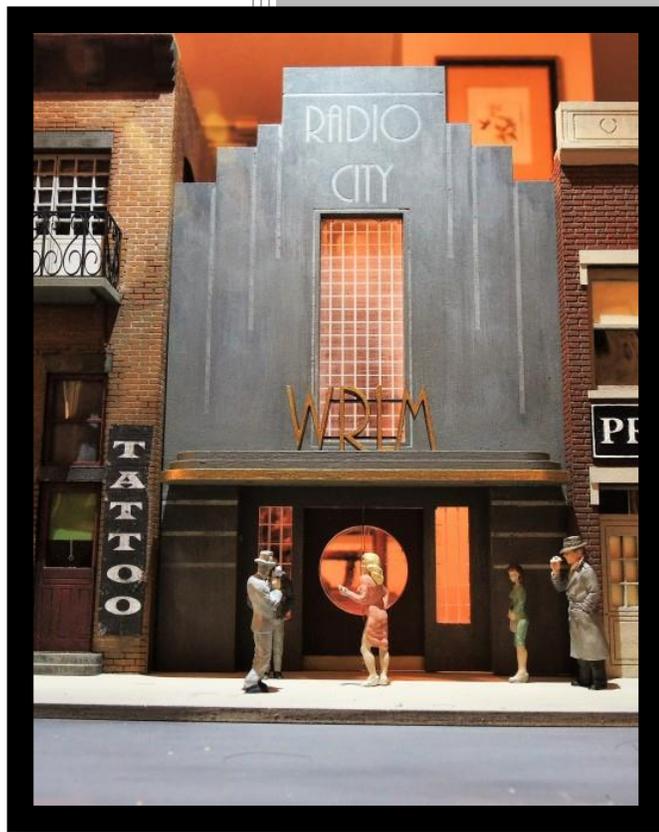


# Radio City Building



RIVER LEAF MODELS, LLC

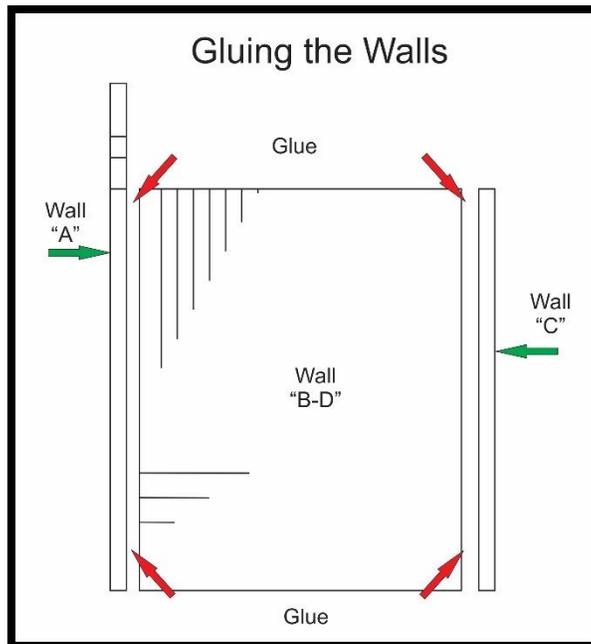
Thank you for purchasing the Radio City Building structure kit. Your kit includes everything you need to produce the final assembly. We recommend using “Carpenter’s Glue” available in a number of different brands, including Elmer’s. We also recommend using a steel square for aligning your walls for perpendicularity, although a drafting triangle will also suffice. A sharp X-Acto knife and a sanding tool – either fine sandpaper or a nail file will be suitable.

**Step #1 –Glue the Four Wall Together.**

Apply Carpenters Glue to the edges of the side walls (B & D). Again, do not use an excessive amount of glue or the glue will seep out the sides. Apply a thin bead of glue and spread it to a thin coat. You may also opt to apply a bead of glue to the inside surface of the front and side walls (A & C).

Carpenters Glue will afford you the time to perfectly align your walls, as there is some “setup” time. I recommend you do one corner at a time in one sitting. This will give you the flexibility to adjust the perpendicularity of the structure. Once you have your walls all secured, I recommend letting the glue dry for 24 hours. While the glue is setting, you can use the roof panel as a checking tool to ensure the building corners are perpendicular. You may want to use clamps positioned with the clamping faces on the front and rear of the building to form a tight glued seal.

On structures made of lighter or less sturdy material, it is common practice to run a square brace tucked into each quarter using 1/4” or 3/8” square wood. On River Leaf Models, this is not necessary; however, the option is there to do so if you wish.



## FIGURE 1 – GLUING YOUR STRUCTURE WALLS.

### Step #2 - Painting the Base Structure.

There are a number of methods for painting the structure and experienced modelers will find the structure is well suited to any number of painting and detailing techniques.

MDF material doesn't need any type of sealer or primer.

Acrylic paint is good enough and dry fast over MDF.

To fill the ornamental grooves, you can use spackling paste. For that we recommend to seal the structure after the paint dry, using flat clear coat. Otherwise the spackling paste could remove the paint while is applied.

### Step #3 – Assembling the Front Details

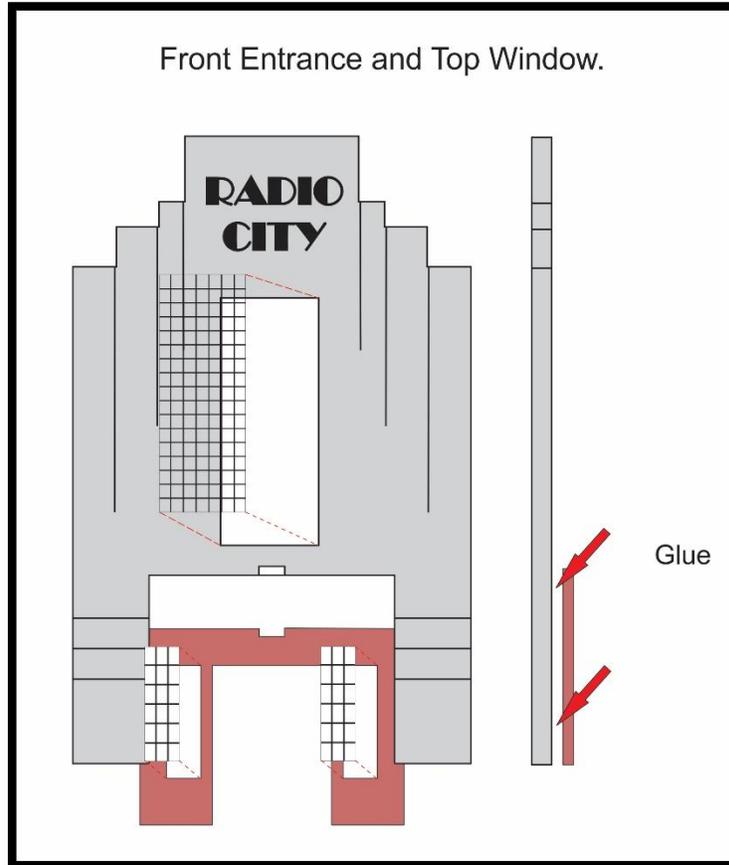
The front details are simple but need some attention first.

The top glass windows could be painted to fill the lines and give a mortar appearance, the same procedure could be applied to the bottom windows.

The Front entrance have to be painted first to avoid any overlap paint with the structure.

To Glue the front entrance add a small amount of glue on the edges and glue it from behind the front wall keeping is centered and flushed with the bottom.

Using CA, glue the top front glass and the 2 bottom ones. Use a little amount of glue.



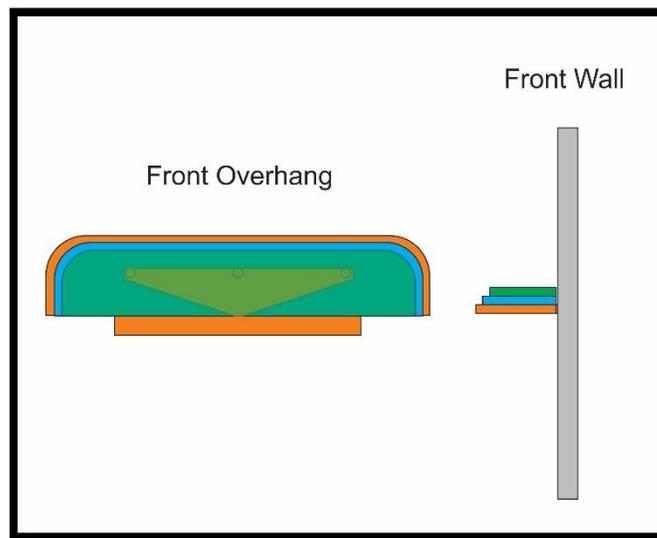
**FIGURE #3 – ASSEMBLING THE FRONT DETAILS**

**Step #4 – Applying the Overhang.**

The overhang is made up for three pieces:

- The bottom one has 3 holes in case you decide to put lights.
- The middle one a full aperture to make room for wiring and bulbs.
- The top one is a cover.

All three pieces will be glued together aligned in the middle and flushed in the bottom. The bottom one has a tab to insert it in the main structure and glue it.



**FIGURE #4 – OVERHANG**

**Step #5 - Roof**

Roof installation is self-explanatory. I recommend painting the roof black and apply the masking tape overlapping the strip.

**Step#6 – Radio Sign**

The radio sign is made up of a back and four separated letters. Paint the back black and the separated letter accordingly your needs. After the paint is dry, glue the separated letters over its pair, using a small amount of carpenter glue. Glue the sign over the overhang or on top of the building.



**Congratulations! Your building is complete!**

With your building now finished, you may opt to further enhance the structure using weathering techniques such as chalk or misting. Keep in mind weather runs from top to bottom and will be concentrated in areas where water may gather and run off, like around windows. Likewise, you may have weather “splash up” along the base. We will be posting tips on aging and weathering on our website in the near future.

If you have questions on construction or suggestions, please contact us by email at [riverleafmodels@gmail.com](mailto:riverleafmodels@gmail.com)

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