LCC Modelling System

B 70-12L midland style signal box with left stairs

All drawings are not in scale. Some proportions on drawings may differ from reality.

For additional elements for modification and extension please visit our website at www.lcut.co.uk or email us at contact@lcut.co.uk

Width: 145.5mm (Body only) Depth: 92.5mm (Body only) Height: 135.5mm

Bundle contains:

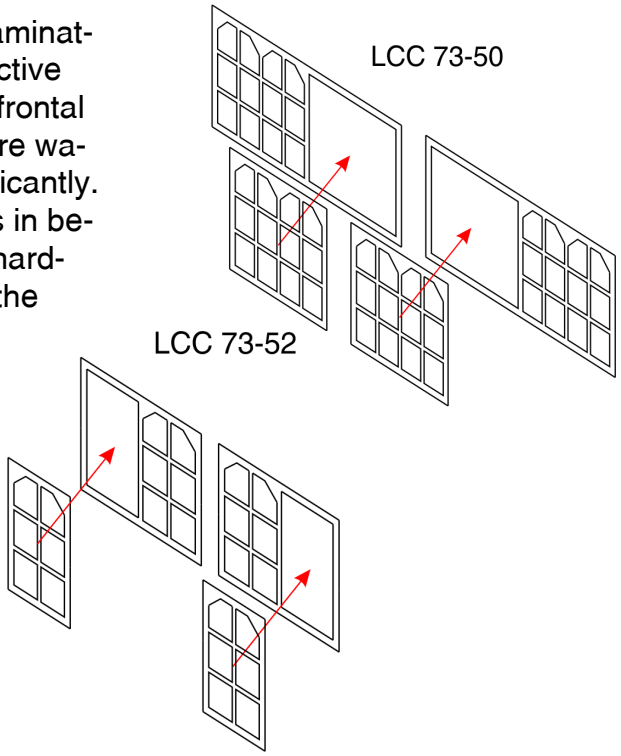
- 1x LCC 70-09
- 1x LCC 73-17
- 1x LCC 73-19
- 1x LCC 73-21
- 1x LCC 73-22
- 1x LCC 73-25
- 1x LCC 73-26
- 1x LCC 73-27
- 2x LCC 73-28
- 2x LCC 73-29
- 2x LCC 73-30
- 1x LCC 73-31
- 1x LCC 73-44A
- 1x LCC 73-50
- 1x LCC 73-51
- 1x LCC 73-52
- 1x LCC 73-53

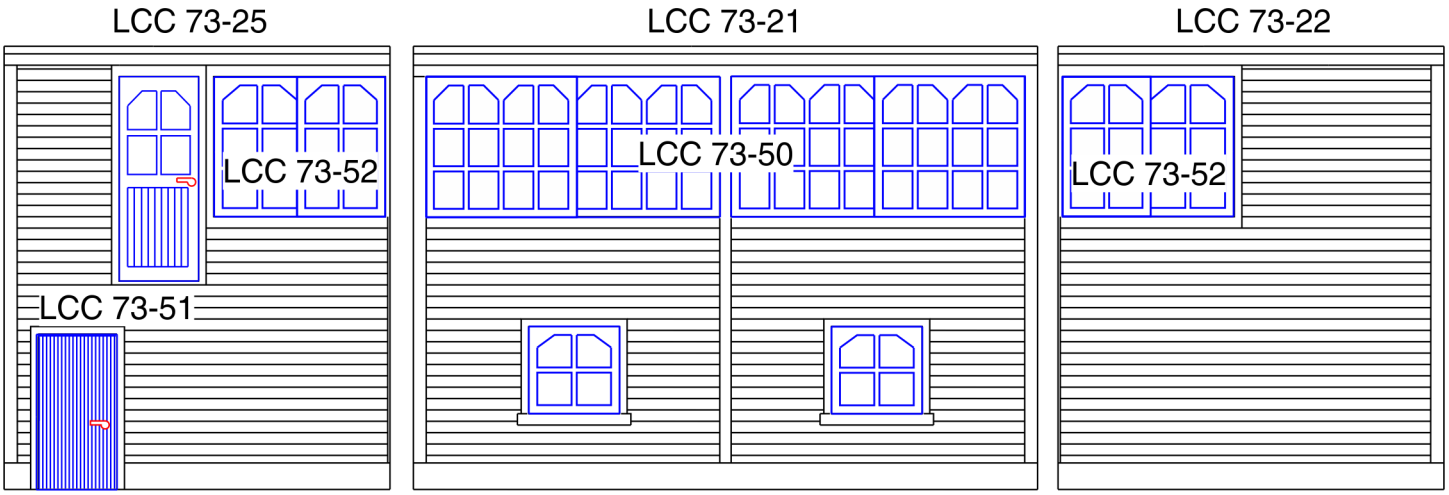
! We recommend PVA or any other paper/wood glue for the fibre board parts.

Painting recommendation:
We recommend using acrylic paints. There is no need to undercoat the surface but it can be done if desired. The material used is porous and relatively forgiving, heavy coats are unlikely to flood the brickwork.

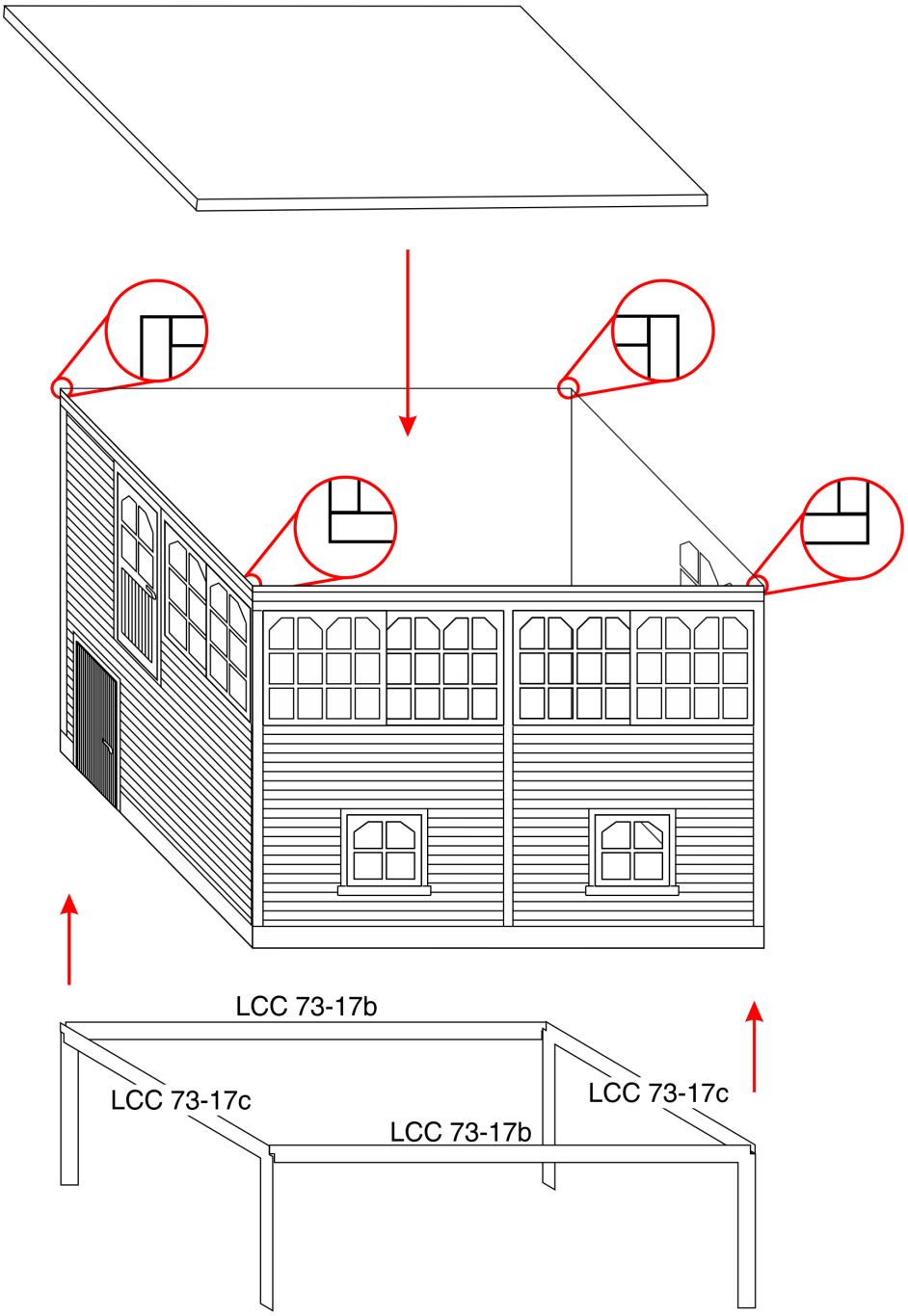
WINDOWS LAMINATES

It is recommended to start the assembly with laminating windows panels. Cut parts from their respective spruces. Spread glue thinly on the back of the frontal part. Align and press both parts together. If more watery glue is used the parts will try to warp significantly. It is recommended to press the laminated parts in between two heavy and flat surfaces (like heavy hardback books, care should be taken not to allow the laminated parts stick to the books by removing the
Squeeze out [excess glue] and or lining the press with non stick material). When glue has dried the parts will stay flat. Ensure the parts are lined up correctly!





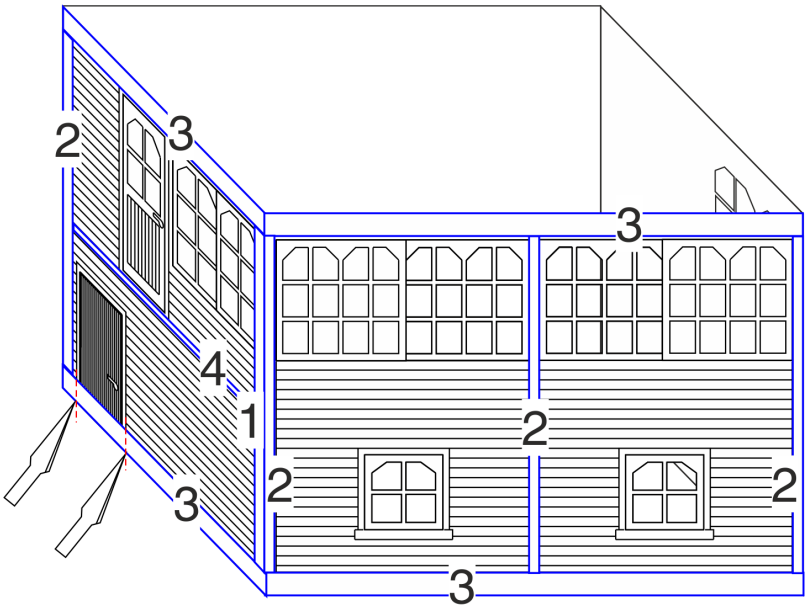
When the laminates finish drying glue the windows and doors into the openings. Cut out the door handles from LCC 73-51 and glue them to the both doors. There is no particular pattern the windows have to follow regarding the sliding part. Prototypes of this signal box had the sliding windows both at the near corner position as well as mixed or on the far side of the corner.



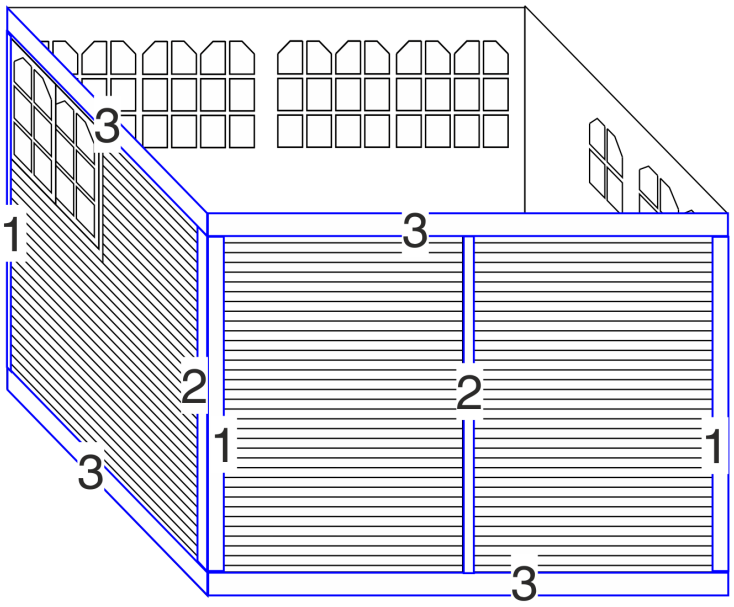
When assembling the main body of the signal box note how the corners should overlap.

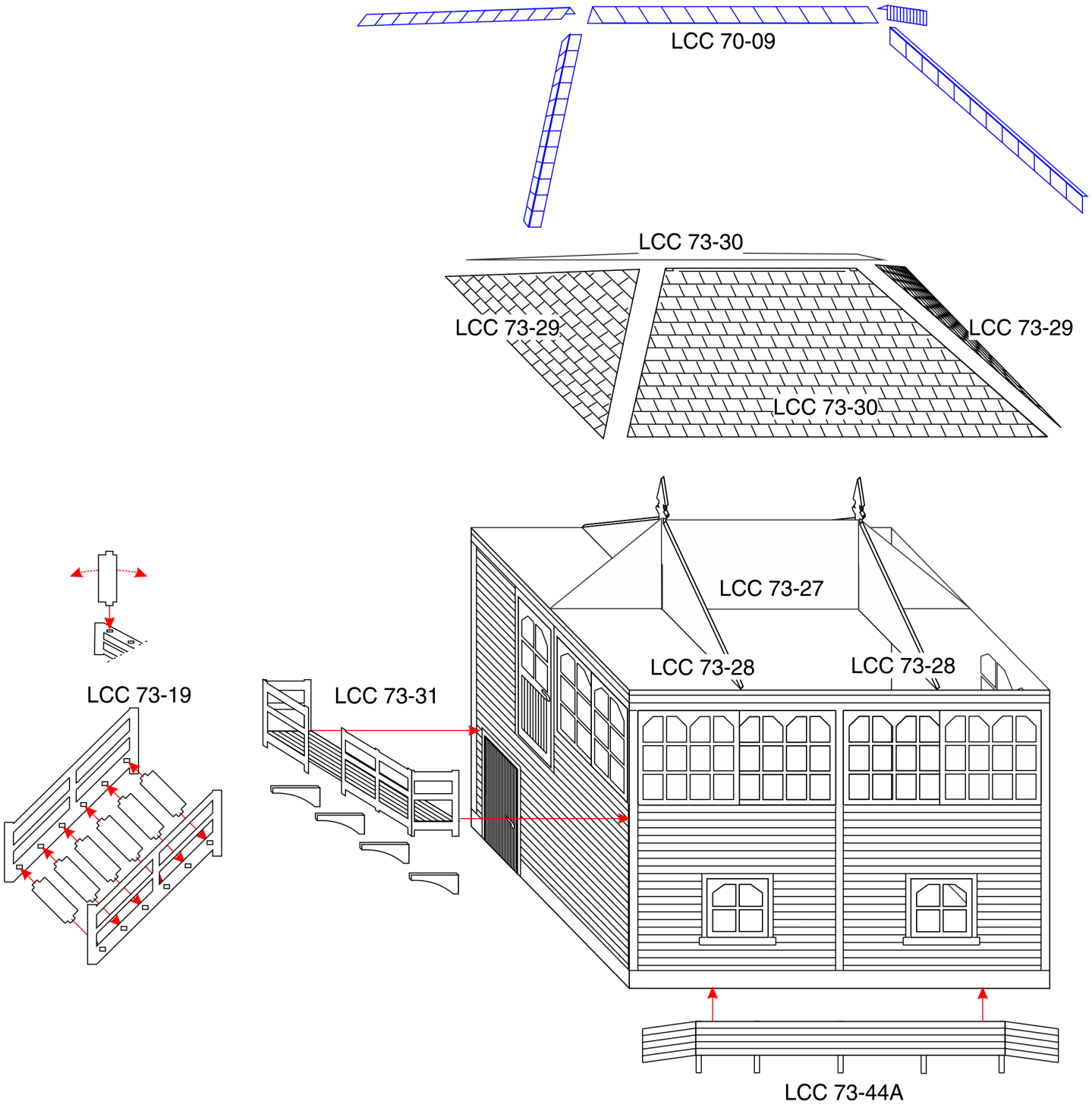
Floor is used as a structural support member giving the signal box rigidity. Use LCC 73-17 to create latticework as show on the diagram. The latticework can be omitted but it helps to level the floor in of the signal box.

LCC 73-53 contains 4 different decoration strips. Using the diagram below glue the decoration strips to the body of the signal box. This step is optional.



As a general rule of thumb the thicker strip (1) should be glued onto the “end grain” of the corner followed by the thinner strip (2) on the other side of the corner. Front and back vertical strips in the middle should be thinner. Bottom and top strips are the thickest. On the side with door a section needs to be cut out to allow for the door. Final piece (4) should be glued just below the upper floor door.





Glue LCC 73-28 into the slots in LCC 73-27. Glue the roof panels to the roof support assembly. Make sure this is done on a flat level surface to ensure the roof is straight. The support structure is designed to be slightly lower than the roof panels therefore do not put a lot of pressure on it from the top or it will come apart. Finally finish the roof with ridge tiles (LCC 70-09) by gluing them on top of the joints and trimming where necessary.

If desired assemble the LCC 73-31 balcony. Ensure that the pieces that will touch the wall are glued with the thicker side to the wall. Also plan where the supports will be glued in to accommodate for the ground floor door. Assemble the staircase by gently wiggling the steps into the slots. Use a little bit of PVA glue as a lubricant to help the process. Care should be taken not to apply excessive force or the tabs will bend. Glue the staircase to the balcony or directly to the signal box if desired.

Lastly assemble LCC 73-44A by gently bending the plank sides downwards as shown on the picture. Glue the support pieces as shown on the picture. Glue the whole assembly to the signal box.