

# Home-made Yamaha AR80 Music Stand

I designed this music stand to bring the music closer to the organ player. This music stand is placed over two metal rods, which are inserted into the original AR80 stand's locating holes. It's side panels locate over the front edge of the organ's top panel. The side panels also straddle the original music stand's music rest.

Before deciding to make this music stand, read through the whole document and familiarise yourself with the drawings and photos. One would also need to have some basic skills in wood working and safety, and be in possession of some basic tools: Sharp wood saw, hand or power Drill, metric drill bits, Screw driver, Mitre block, Tape rule, Hacksaw, File and sandpaper. Helpful items would be a bench drill press and a steel rule and a plane.

## Materials required

Choose wood that is straight and has minimum knots. (knots are ok if they are not at the ends)

3-Lengths planed wood batten. 715 x 44 x 18mm. (Rear bar, Front bar and music rest)

2-Rear bar support blocks. 20 x 44 x 18mm. (Off cut piece)

2-Lengths planed wood batten. 150 x 95 x 18mm. (Side Panels)

1-piece Hard board. 700 x 210 x 3mm. (Music slope)

2-metal rods 75 x 5mm diameter. (Music Stand Posts)

8-screws 6\* x 1.5". (Zinc plated c/sunk screws)

8-screws 6\* x 1.25". (Zinc plated c/sunk screws)

Ronseal interior Varnish Walnut gloss (Two coats minimum)

Sticky backed felt. (about 2mm thick) (protection padding)

Note 6\* Trade screw size

# Construction of Music stand

## Cutting and Preparing

Cut three wooden battens (Rear bar, Front bar and Music rest bar) to 715mm lengths.

Cut two Rear bar support blocks to 20mm Lengths.

Cut the two side panels to 150mm length and shape each one as shown in [Drawing \(1\)](#).

These shaped cuts are a bit tricky. Try to keep the cut surfaces square with the side face.

When finished lightly remove rough edges from all 7 sections with sandpaper.

## Music Stand Posts

Material for the two Music Stand Posts could be obtained from B&Q, or hard ware stores.

Only use strong metals like stainless, or brass. Cut the rod to 75mm lengths with a hacksaw and remove the burred edges with a file.

## Side Panel assemblies

[Tip](#) in the assembly process keep an eye on the photos.

Fitting the Support blocks. Refer to [Drawing \(2\)](#) Measure from position "A" 80 mm and pencil a vertical line at "B" (shown on the drawing). The Supporting block is fitted to the front side of this line. I temporarily fixed it with one centre 6 x 1.25" screw. This allowed me to adjust its vertical position at later stages. Incidentally it still only has one screw.

To save time, I worked on both Side Panels at the same time, as they are a mirror image of each other.

The Rear bar is screwed to the support blocks with four 6 x 1.25" screws. The front of the Side panels are screwed to the Front bar with four 6 x 1.5" screws. The music slope is sandwiched between the Front bar and Music rest bar with four equally spaced 6 x 1.5" screws. Once I was happy with its fit to the organ I sandpapered it, cleaned it up, ready for varnish. Last thing to fit the Sticky back felt. It should fit to the organ with no back and forth movement.

Any problems email me.

Terry Roberts.