

On my website you see a M 411 controller with a slope-on the surface.  
This was the version we have sold here in Germany. It was not designed in Japan – it is the logical consequence from the requests we had here in Germany. Most of these consoles have been sold to theatres and musicals. The most popular installations in Germany are:

German State Opera, Berlin ( main console for Live stage )

Stadttheater Hildesheim ( Main console )

Schauspielhalle Bonn, Main console,

Theaters in Gera, Altenburg, Rudolstadt ( main consoles )

Theater Altenburg ( second system for their studio )

Forum Ludwigsburg ( concert hall, main console )

So, finally here is the drawing.

The one we had for the metal worker is no longer in my files, but I can explain the existing drawing for a better understanding.

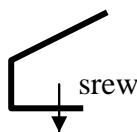
The tilted version is based on the standard frame.

When you take out the three upper panels ( MIC IN+EQ, Routing and monitoring ) you will have a seam with the holes for the original screws.

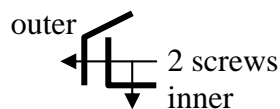
This seam will be the base for the new metal frames, which are consisting of:

1. lower front profile, 1110mm long, 1 x 90° angle for the base plate, 1 x 118° for the upper fixing plate. **NOTE:** the base plate shall not be wider than 10mm, the front shall not raise more than 9mm from the base and the fixing plate shall not be longer than 15mm. Please check your panels' measure from the inside to see if the PCB's leave that room!! There are three different PCB's around, and they do vary!!

**NOTE:** if it is too difficult to have that special profile made of one piece, it is possible to make it from two pieces: the lower profile with 10mm base plate and a 90° angle for the front, and the second piece with an angle of 118°, about 10mm x 15mm .



Made of 1 piece



Made of 2 pieces, connected with screws.

3,2mm hole in the inner piece, 3mm thread in the outer piece.

2. The rear profile. In total it is 93mm high and has one base foot with a 90° angle, here you drill the holes with 3,2mm diameter, and a top mounting panel with 90° with threaded fixing holes to fix the 3mm original screws. The lower part is 52mm high, here you will have to apply an angle of 27° to tilt that panel forward. The upper part is 41mm high.
3. For fixing new, wooden side panels, we had applied two wings of about 25mm to 30mm high /width, in the drawing you see them as "Befestigungswinkel"
4. For mounting the MIC, routing and monitor panels onto the new frame, you will have to drill the threaded holes into the new frame. On the original modules we had here the holes from left to right were:  
6mm / 182mm / 358mm / 371mm / 547mm  
and from right to left:

6mm / 194mm / 383mm / 395mm

( we had to split this due to the drilling tools we had at that time ) But, to be correct, please check carefully on your side!!

I hope you understand this drawing – but it is not too complicated – as our mechanic guy made it perfectly.

If you have any questions – please let me know.

I have no more samples here, and it is not possible to make the metal work here in Germany, unless I get an order for 10 sets. Every set will then cost about 250.- Dollars.

By the way, for better screening of the console we had applied aluminium foil to the inside of the new wooden side panels.