True Aspect Masking (TAM) screen installer instructions

1. Make sure there are two of you. One single person cannot handle the whole installation.
2. Clear a sufficient space, sufficiently larger that the external dimensions of the screen to allow moving around it.
3. Open the crates and take all the components and sub-assemblies out, then remove the crates
4. Check parts list:

Main frame:
4 assembling strait brackets
1 spatula
2 Hex Keys – 4 and 5
16+1 screws 16 x 6 mm (main frame) with washers
16+1 screws 4 x 10 mm (flanges)

Subframe:
assembling strait brackets 2 or 4
8+1 / 16+1 screws 16 x 6 mm
8+1 / 16+1 screws 3.5 x 6 mm with washers and nuts (stiffening)
4+1 self drilling screws (subframe corners)
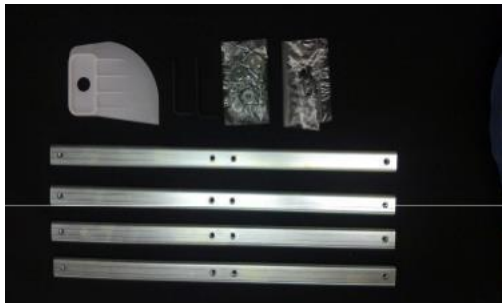
5. Start by assembling the subframe (match colour tags). Be careful to check the square angles and put self drilling screws


6. Install vertical stiffening; subframe is ready for fabric installation

7. Install the black backing fabric

° Place the frame on the protective sheet; unroll the black fabric. Insert the fabric into the groove of the Gripfix profile with the provided spatula. Start by the middle of the four sides (the large sides first), and then progress towards the corners.

START FROM HERE

| 4 | 3 | 2 | 1 | 5 | 6 | 7 | 8 |
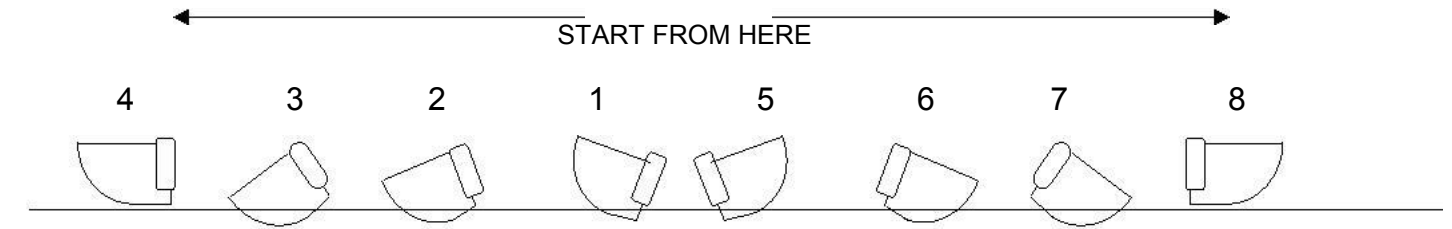
It is safer to perceive the insertion angle by simply inserting the tool once in the profile without the fabric. Then remove it, place the fabric over the profile and insert it inside.

Gripfix profile

Gripfix profile & inserted spatula

Note:
• Before inserting the fabric in the profile groove, apply a very slight tension. The progressive insertion into the groove will significantly increase this tension.
• To insert the tool in the profile, start from the small straight edge, then gently push the fabric inside the by a rotation movement along the curved edge. Once you have reached the end of the curved edge, take the tool out of the profile and start again.

Cut excess, leaving an edge margin of ¼".

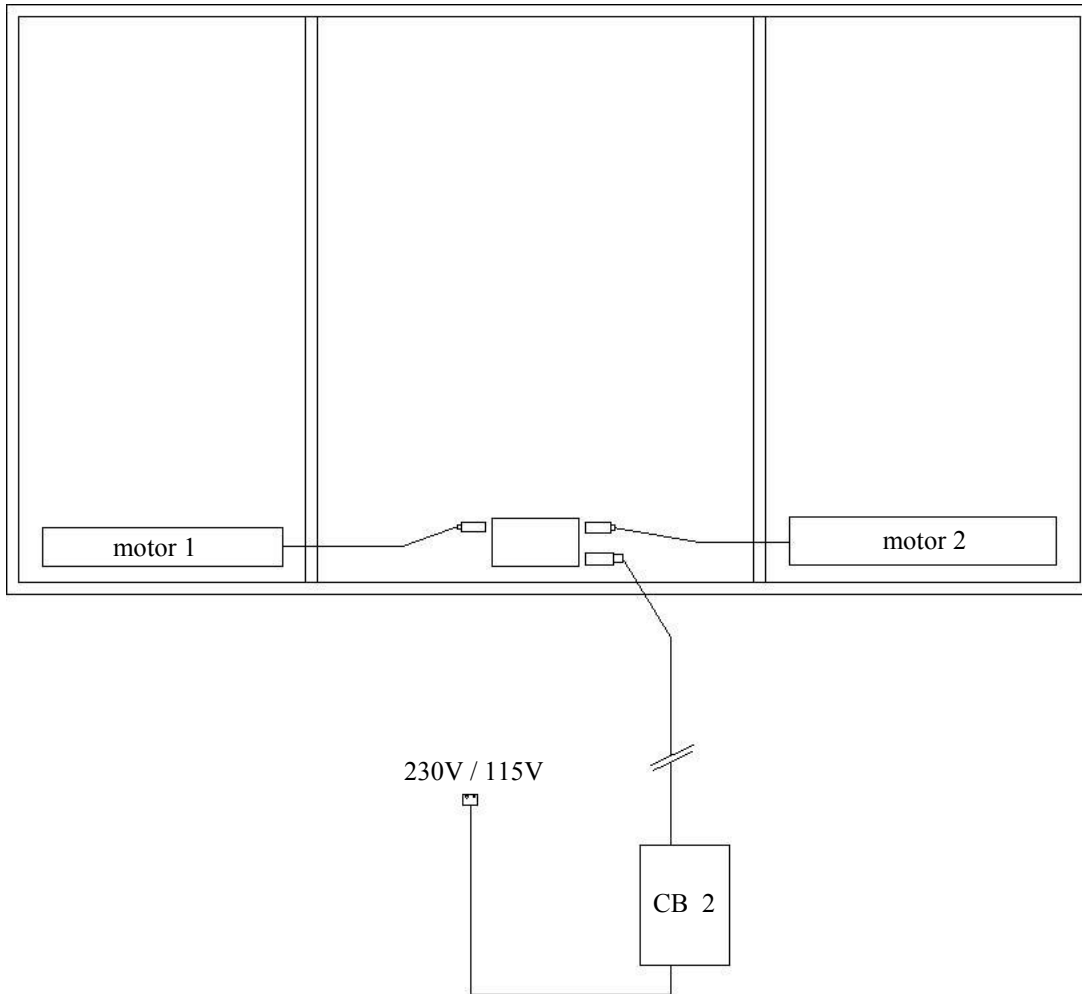8. Install the Enlightor fabric. Cut excess, leaving an edge margin of ¼".

9. Remove subframe & fabrics from working area

10. Start assembling mainframe (match colour tags) push the string with the finger when tightening the screw


Once the mainframe is assembled, lay it flat

motor 1   motor 2

230V / 115V

CB 2

11. Connect the 2 motors to the corresponding XLR 3 (or 4) pins type connectors on the connection box behind the central part of the subframe
12. Connect the connection box to the CB2/5 or CB2/10 control unit with the provided 6 pin connector, and connect the CB2/5 (10) to mains
13. Operate the motors to check the stops adjustments using the "open" and "close" green buttons on the top right of the remote – for RF / IR or "open" and "close" command from RS232 devices you use
14. Check carefully in the "open" position that when the leading edge of the mask is at rest, the motor is off (put your hand on the roller and check that it's not vibrating or heating).
15. If the motor is still on, it means that the stop adjustment has been lost during transport. In that case, you will have to readjust mechanically the stop to have the mask leading edge exactly aligned with the edge of the main frame profile. You can adjust the stops with a Hex key (provided) at the motor head.
16. Check carefully in the "close" position that the leading edge defines exactly an aspect ratio of 1.33
17. Repeat this checks for both motors
18. Go to programming guide for next steps

19. Once the masks movements are satisfying, you are ready to assemble the whole screen together. Match colour tags of subframe with mainframe.
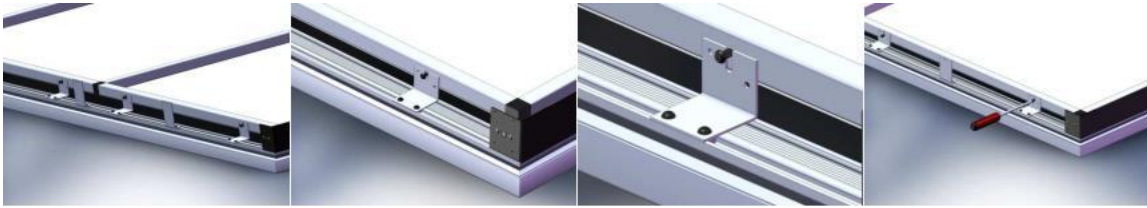
Watch the position of the screws

20. Place the finishing boards at the outer edges
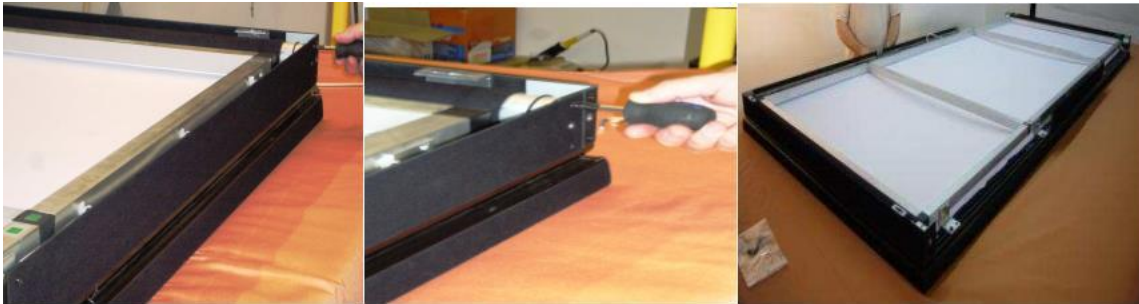
21. Determine the position of the wall screws (size ¼"). Refer to drawing. Install 4 wall screws at the correct distance, leaving the screw heads protruding by about 2/12"

If further spacing off the wall is needed, use 4 optional spacing brackets.

22. Fix the whole screen on the 4 screw heads. Then you're ready to test the different positions

23.Hide the wiring

<u>You're done!</u>

P.S. The aluminium profile seen on these shots is for tests in our workshop. It is not a part of the TAM product!