

SCHMERSAL USP

Thank you for choosing the Schmersal USP positioning system. We hope you enjoy hours of fun for you and all the family.

Example for adjusting SPU/SPD TRACES to give preferred slowing distance.

LCSL use traces Y1 for STU, Y2 for STD, Y10 for SPD and Y11 for SPU.

After completion of set-up procedure, the USP will give a calculated slowing profile derived from the information programmed into the USP Interface. However;- This may not give the desired slowdown profile, so to aid the engineer, we have produced the following write-up.

Position the lift at the lowest floor and switch to normal, with the MP500 / (E) PPTT Dil Switch on and D-En, Dil Switch off;

Then send the lift on a one floor run, watching the SPU input to see the timing of the input with respect to the STU/STD Signals.

If the lift “Rushes” the floor the SPU signal is too close to floor level, therefore the SPU signal must be moved to the bottom.

If the lift slows, then proceeds on levelling speed for an excessive time then the spu trace will require moving towards the “Top”.