

PORTABELLABZ



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I certify that I fully restored the Synthi AKS (Synthi A # 45059.KS and KS keyboard # 45061.KS) belonging to Mr. Lucian Fuhler in September 2026 and it is perfectly working.

My interventions are detailed on invoice 2026_79 and are covered by a 1 year warranty valid until September 18th 2027. The warranty is transferable to the new owner. Any intervention by a third party would void warranty.

The minijack sockets and switch below the left speaker are CV/gate inputs and can be used together with the KS.

The left minijack is the 1V/oct CV input, it's normalised to input ch2, so when a jack plug is inserted the KS keyboard dynamic CV and the input ch2 jack sockets are disconnected and replaced by the external signal.

To use the 1V/oct pre-calibration, patch a yellow pin into row 9 to the oscillator frequency column, set the vernier dial to around 4.5 and the input ch2 level pot to 10, and oscillators 1 and 2 will track in tune over about 5 octaves (not oscillator 3, whose tracking is different by design).

The internal multiturn trimmer scales the CV input if ever needed, the procedure is the same as explained in

<https://www.portabellabz.be/images/cvgate/cvgate-manual.pdf>

Matrix rows 8 and 9 are buffered so the CV remains stable regardless of the number of pins in the row.

The right minijack is the gate input, flip the switch to the left for a short trigger, to the center to mute the gate, to the right for a normal gate. The switch also processes the KS' gate signal and the existing jack input labeled "external gate input".

When the on pot is set fully CCW to 0, the envelope might not react properly and buzz when fired from an external source, to prevent this, adjust the on pot. This is normal behaviour and can be used as an effect.

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