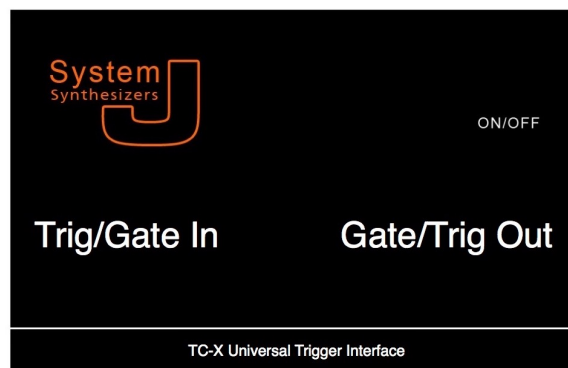




Service, Support & Utilities For Analogue Synths

TC-X Universal Trigger Interface User Guide



Thank you for purchasing the TC-X, It provides you with a simple and easy way to convert between V-Trig and S-Trig gates and triggers without the need to modify your vintage equipment.

The TC-X detects the incoming trigger voltage and instantly sends the inverted signal to the output. Short trigger pulses and longer gate signals can be converted.

Connecting The TC-X

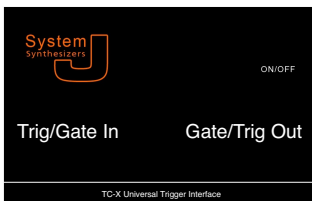
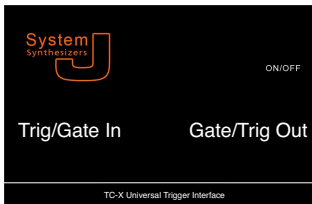
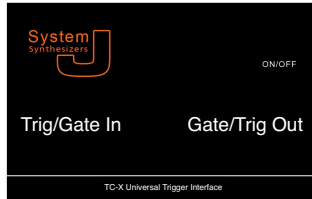
Connect the trigger or gate output you wish to convert to the TC-X trigger/gate input and connect the TC-X output to the trigger or gate input on the synth/module you want to control.

The TC-X requires a DC power supply in the range of 5-12v. When using for S-Trig to V-Trig conversion the gate output voltage is dependent on the power supply voltage... For modern gear that uses 5v trigger signals a 5 volt supply is fine. For vintage synths you will need a higher voltage... a 9v supply will give you a gate voltage of approx 9v, a 12v supply will give approx 12v etc. Most synths will trigger fine with 9v but some require a higher voltage - early Roland gear such as SH-5, System 100 model 101 and 102, some ARP and Sequential Circuits etc. Consult your synths' user manual for specific requirements.

A multi-voltage "wall wart" type DC power supply is recommended as it allows you to choose the voltage for the most reliable triggering. Start with 9 volts - increase to 12 volts if your synth triggers weakly or not at all.

The TC-X requires a 2.1mm DC connector, NEGATIVE tip (centre negative).

The LED will light when power is applied.



For more information visit www.systemjsynthesizers.co.uk or email tech@systemj.co.uk

Some TC-X Examples...

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