

Isolated Stimulator approved electronics - new design



Keep it simple:

Our new modular approach allows you to:

- choose your desired voltage range and supply source
- choose from various different control and timing options
- choose between voltage output, current output or both

Only pay for what
you really need!



You can choose from these options:

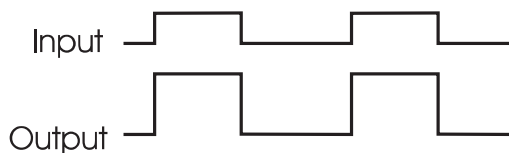
Supply Power Options:

- Choose the best suitable power source for your experiment
- Battery or AC power supply (for up to ± 100 V)
- Ranges: ± 20 V, ± 40 V, ± 100 V (with a current range of ± 10 mA)

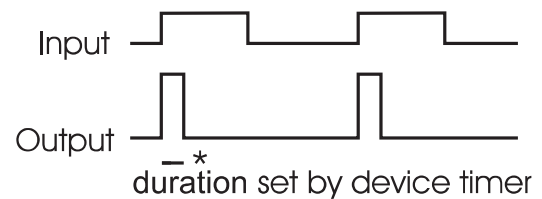
Bipolar output: current, voltage or both

Control Options:

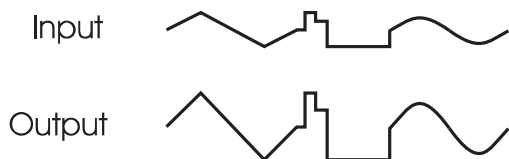
- **TTL gated** pulses with adjustable amplitude



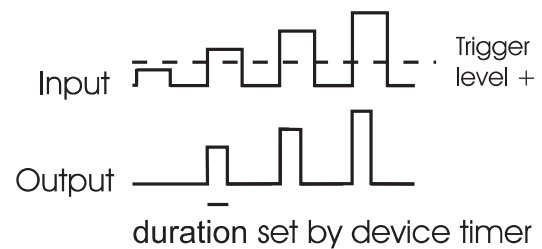
- **TTL timed** pulses with adjustable amplitude



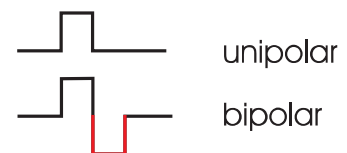
- **Direct:** analog signal proportionally transferred to output



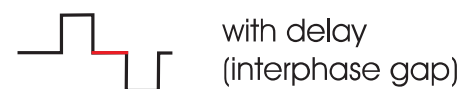
- **Analog timed:** precise pulse length with variable amplitude



* All timed pulses can be put out as unipolar or bipolar pulses



For bipolar pulses a variable delay (interphase gap, IPG) can be introduced



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Examples:

ISO ⚡ STIM II



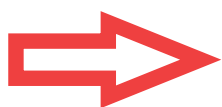
- TTL control input
- Timer with IPG*
- Amplitude control
- Bipolar current output

- Analog control input
- Direct or timed mode
- Bipolar voltage output



- Analog control input
- Direct or timed mode
- Bipolar current output

- Analog control input
- Direct mode
- Bipolar voltage output



Due to the **modular** approach a later **change or upgrade** is easily possible.

