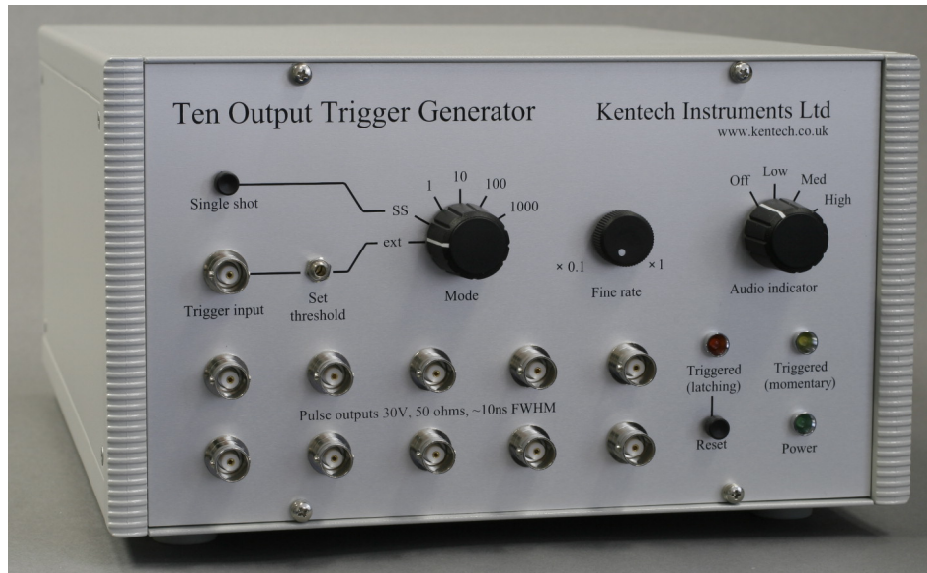


Trigger Distribution Unit

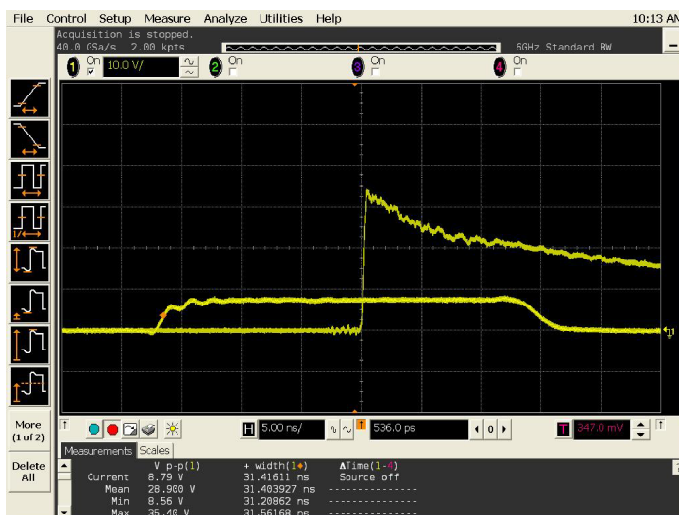


Applications

General purpose triggering
Trigger of many synchronised devices

Summary

- 10 synchronous outputs
- No channel to channel jitter
- Built in rate generator to 1kHz
- 30 volt outputs (into 50)
- Audio and visual indicators
- Latching trigger indicator
- 110/240 V AC power



One output and the trigger input showing the output pulse shape and the trigger delay.
5ns/div and 10V/div

See www.kentech.co.uk

SPECIFICATIONS

Trigger	Typical 5V, 50 , +ve
Threshold	Adjustable 1 - 4V via front panel trimmer
Trigger to output jitter	10ps RMS
Channel to channel jitter	~0 (uses a passive splitter)
Trigger delay	~17ns
Outputs	10 (BNC)
Amplitude	~30V into 50ohms
Risetime	<1ns
Pulse shape	Fast rise, slow decay, pulse width ~10ns FWHM
PRF	up to 1kHz
Functions	External trig Internal trig (0.1 - 1000Hz) Single shot (front panel button) Audio indicator ON/OFF Trigger indicator LED, latching or 100ms pulse
Mechanical	3U x 42HP (approx 134mm x 214mm)
Power	AC 100/240V

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