



P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

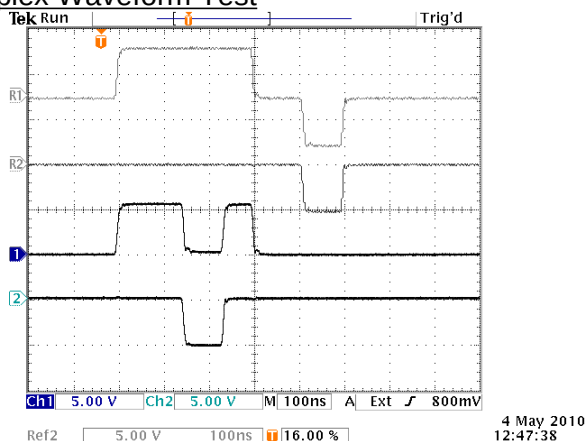
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AV-1023-C  
Type: General-Purpose Dual-Channel Pulse Generator  
S.N.: 12422  
Date: May 4, 2010

Complex Waveform Test



a) Output Signal Amplitude: 0 to ±10V

b) Pulse Width: 50 ns - 500 ms

c) Rise Time: < 10 ns

d) Fall Time: < 10 ns

e) PRF: 1 Hz - 10 MHz

f) Jitter, Stability: OK

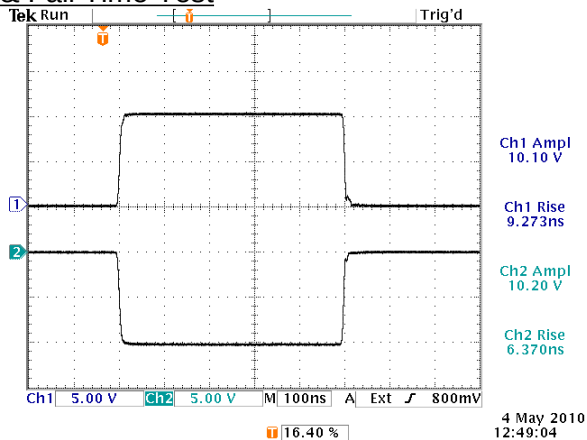
g) Prime Power: 100-240V AC, 50-60 Hz

Waveforms, Top to Bottom:

- 1) A+B, A has +5V amplitude, B has -5V ampl.
- 2) B
- 3) Same as 1, but with B delay reduced
- 4) Same as 2, but with B delay reduced

All: 5V/div, 100 ns/div. R<sub>LOAD</sub> = 50Ω, Z<sub>OUT</sub> = 50Ω

Rise & Fall Time Test



Top: OUT A, +10V to 50Ω. 5 V/div, 100 ns/div.  
Bottom: OUT B, -10V to 50Ω. 5 V/div, 100 ns/div.

Reference levels: 10%, 90% used for rise time measurements in waveforms