



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)

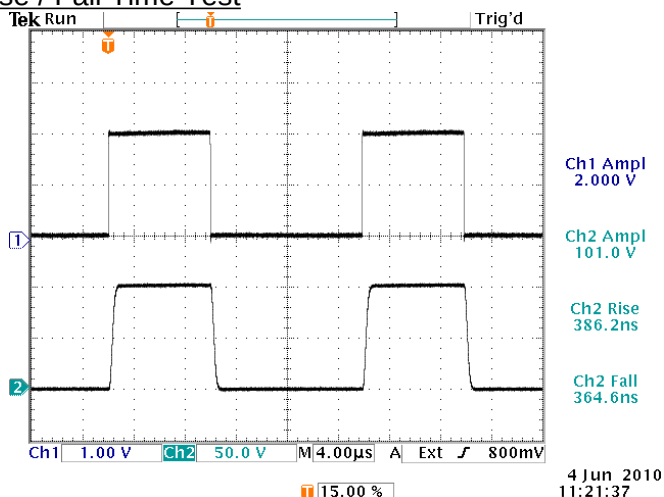
BOX 5120, LCD MERIVALE OTTAWA, ONTARIO CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-110C-PS-XOS-D
Type: High-Voltage Dual-Channel Adjustable-Gain Linear Amplifier
S.N.: 12456
Date: June 4, 2010

Rise / Fall Time Test



Top: +2V input, 1 V/div, 4 us/div. Bottom: +100V A out, 10 kΩ load. 50 V/div, 4 us/div.

a) Output Signal Amplitude: 0 to ±100V, to R ≥ 10 kΩ

b) Gain: ×1 to ×50

c) Rise Time: < 0.6 us

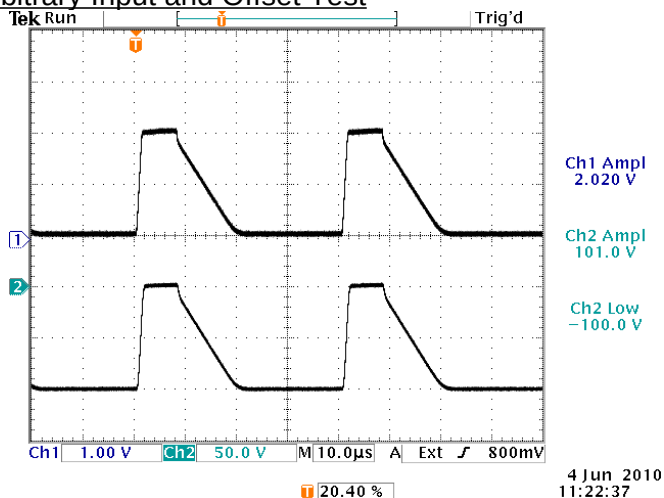
d) Fall Time: < 0.6 us

e) Bandwidth: 200 kHz

f) Jitter, Stability: OK

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

Arbitrary Input and Offset Test



Top: +2V input, 1 V/div, 10 us/div. Bottom: +100V B out, with a -100V DC offset added, 10 kΩ load. 50 V/div, 10 us/div.

References levels: 10%, 90%.