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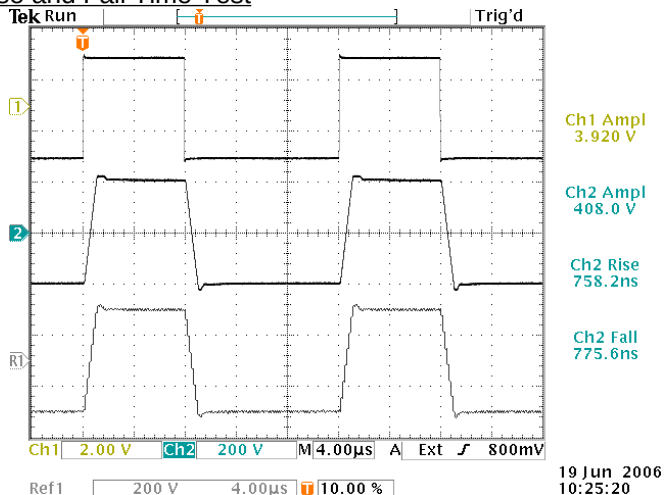
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AV-110G-PS-D  
Type: High-Voltage Dual-Channel Linear Amplifier  
S.N.: 11505  
Date: June 19, 2006

Rise and Fall Time Test



Top:  $\pm 2V$  input (connected to IN A and IN B). 2V/div.  
Middle: OUT A ( $\pm 200V$ ) into a 50 k $\Omega$  load. 200V/div.  
Bottom: OUT B ( $\pm 200V$ ) into a 50 k $\Omega$  load. 200V/div.  
All: 4  $\mu s$ /div.

a) Output Signal Amplitude: 0 to  $\pm 200V$ ,  
to  $R \geq 50 k\Omega$

b) Gain:  $\times 1$  to  $\times 100$

c) Rise Time (20%-80%):  $< 1 \mu s$

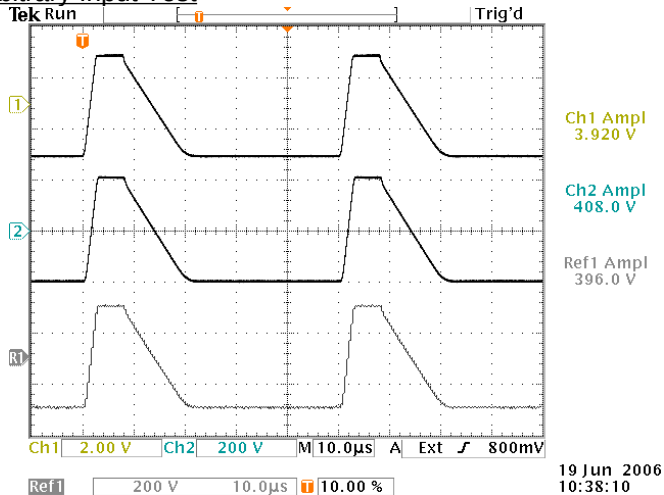
d) Fall Time (80%-20%):  $< 1 \mu s$

e) Bandwidth: 350 kHz

f) Jitter, Stability: OK

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

Arbitrary Input Test



Top:  $\pm 2V$  input (connected to IN A and IN B). 2V/div.  
Middle: OUT A ( $\pm 200V$ ) into a 50 k $\Omega$  load. 200V/div.  
Bottom: OUT B ( $\pm 200V$ ) into a 50 k $\Omega$  load. 200V/div.  
All: 10  $\mu s$ /div.

Waveform references levels: 10%, 90%.