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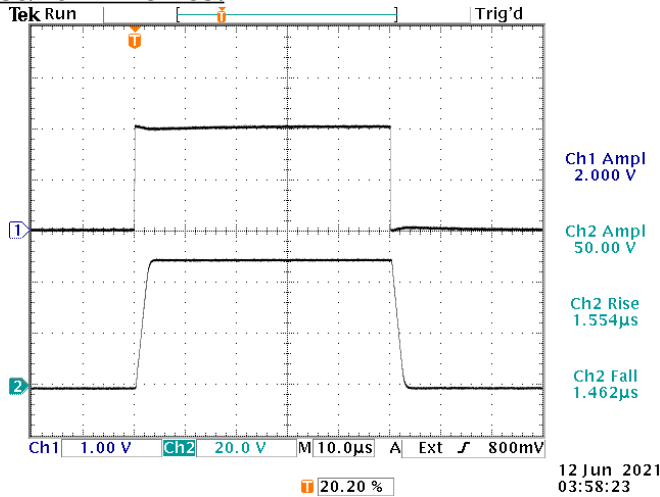
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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-112D-PS-AC03  
Type: High-Current Variable-Gain Linear Amplifier  
S.N.: 14135  
Date: June 15, 2021

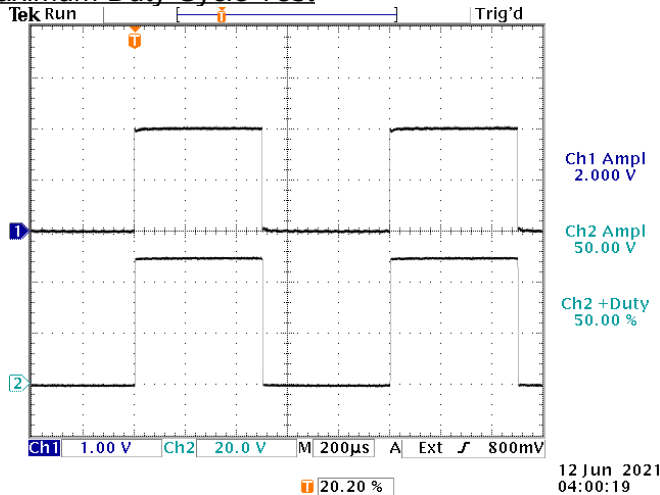
Rise/Fall Time Test



Top: +2V input signal, 1 V/div, 10 us/div.  
Bottom: +50V output signal in a 9.5Ω test load.

- a) Output Signal Amplitude: 0 to +50V, into  $\geq 10 \Omega$
- b) Gain:  $\times 1$  to  $\times 25$ , adjustable
- c) Rise Time (20%-80%):  $< 10 \mu s$
- d) Fall Time (80%-20%):  $< 10 \mu s$
- e) Bandwidth:  $> 20 \text{ kHz}$
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Maximum Duty Cycle Test



Top: +2V input signal, 1 kHz, 50% duty.  
Bottom: +50V output signal in a 9.5Ω test load.

References levels: 20%, 80%.