



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

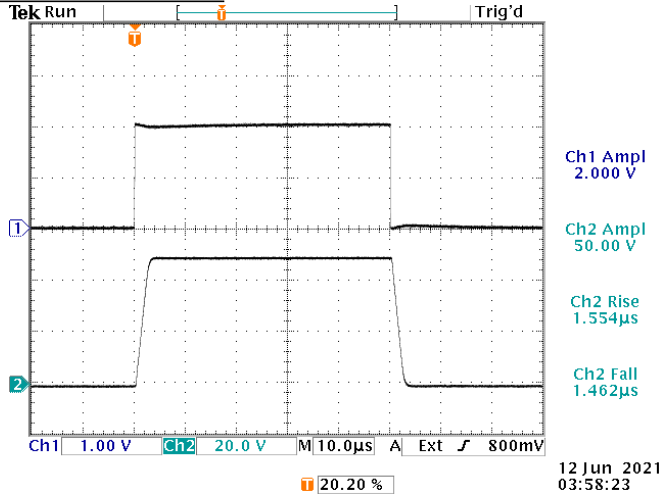
Tel: 888-670-8729 (USA & Canada)  
or +1-613-686-6675 (Worldwide)

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%):  $< 10 \mu s$

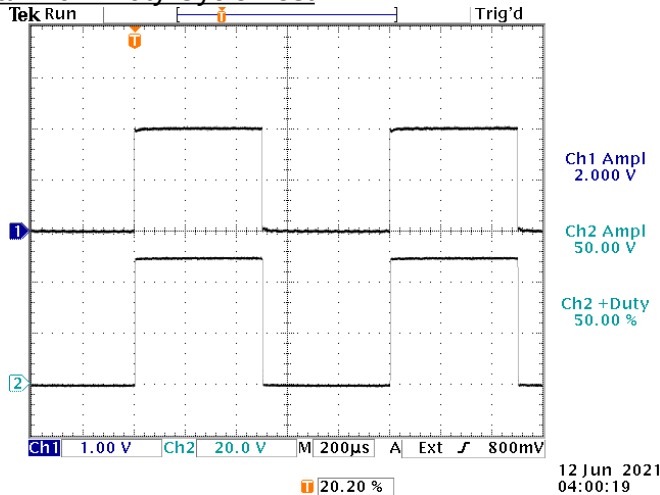
d) Fall Time (80%-20%):  $< 10 \mu s$

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%.