

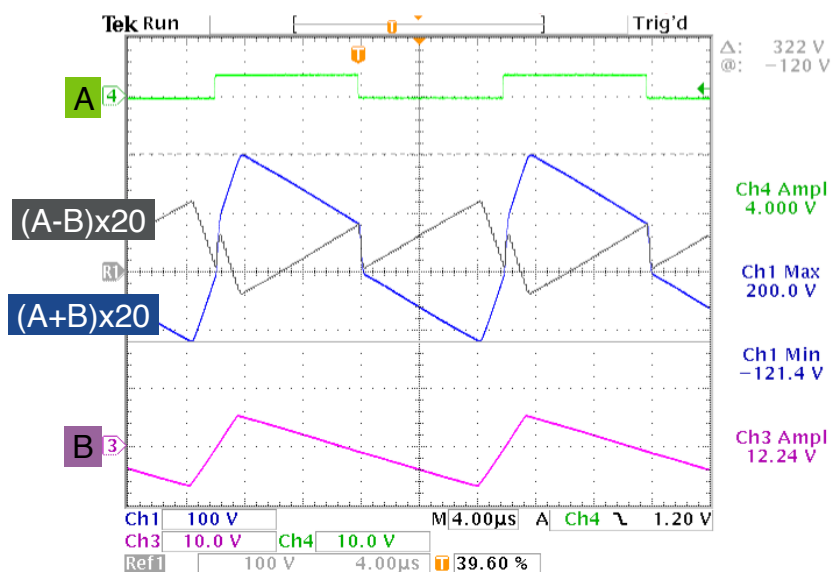
# HIGH VOLTAGE LINEAR AMPLIFIER

# A400X



A400X is a broadband high voltage linear amplifier equipped with two inputs (marked +A and ±B, respectively). The output is a sum or difference of supplied signals, amplified x20, and can also be attenuated 100 times (-40dB) for safe handling. The inputs, when used separately, allow the unit to act as inverting or non-inverting amplifier. Either of the inputs can be connected to the adjustable DC level adding an offset to the supplied input signal.

A400X has high input impedance (1MΩ) and low output impedance (<0.1Ω). The amplifier operates from DC up to MHz range and is intended to drive resistive and small capacitive loads, as well as piezoelectric transducers.



**INPUTS:**  
+A and ±B  
DC offset

**OUTPUT:**  
400Vpp  
150mA  
300V/µs