

Kinetic Ceramics, Inc.

Electronic Piezo Drivers

50mA Linear Amplifier Model KC 700

Output voltage: 0 to +/-700v
0 to +1400v
0 to -1400v
Bandwidth: DC to >15 kHz
Input: 0 to +/- 10v max.
Voltage Monitor: 1:200
Current Monitor: 0.1 v/mA

70mA Linear Amplifier Model KC 1000-70

Output voltage: 0 to +1000v
Bandwidth: DC to >12 kHz
Input: 0 to +10v max.
Voltage Monitor: 1:100
Current Monitor: 0.1 v/mA

1000 mA Piezo Driver / Linear Amplifier Model KCI 500/450

3 Channel Unit Shown

Input (max.): $\pm 10.0V$ & +/- 50 mA max
Output Voltage (max.): 0 TO +850 VOLTS
Output Current: 1.0 Ampere peak each channel
Bandwidth (-3dB): DC - 6 kHz
Input Connector: BNC.
Output Connector: LEMO

The HV outputs are protected against output shorts and load transients. The outputs are fused and allow momentary load surge. The amplifier also has current limiting, voltage transient suppression and current sensing for power supply crowbar circuits. The condition of the High voltage outputs and crowbar circuits are indicated by LED's located on each amplifier PCB.

The amplifier is fitted with full EMI protection; the power input is via a low leakage EMI filter. All major components and wiring are UL specified.



Kinetic Ceramics, Inc.

Telephone: 510-264-2140

Fax: 510-264-2159

26240 Industrial Blvd. Hayward CA 94545

WWW.kineticceramics.com