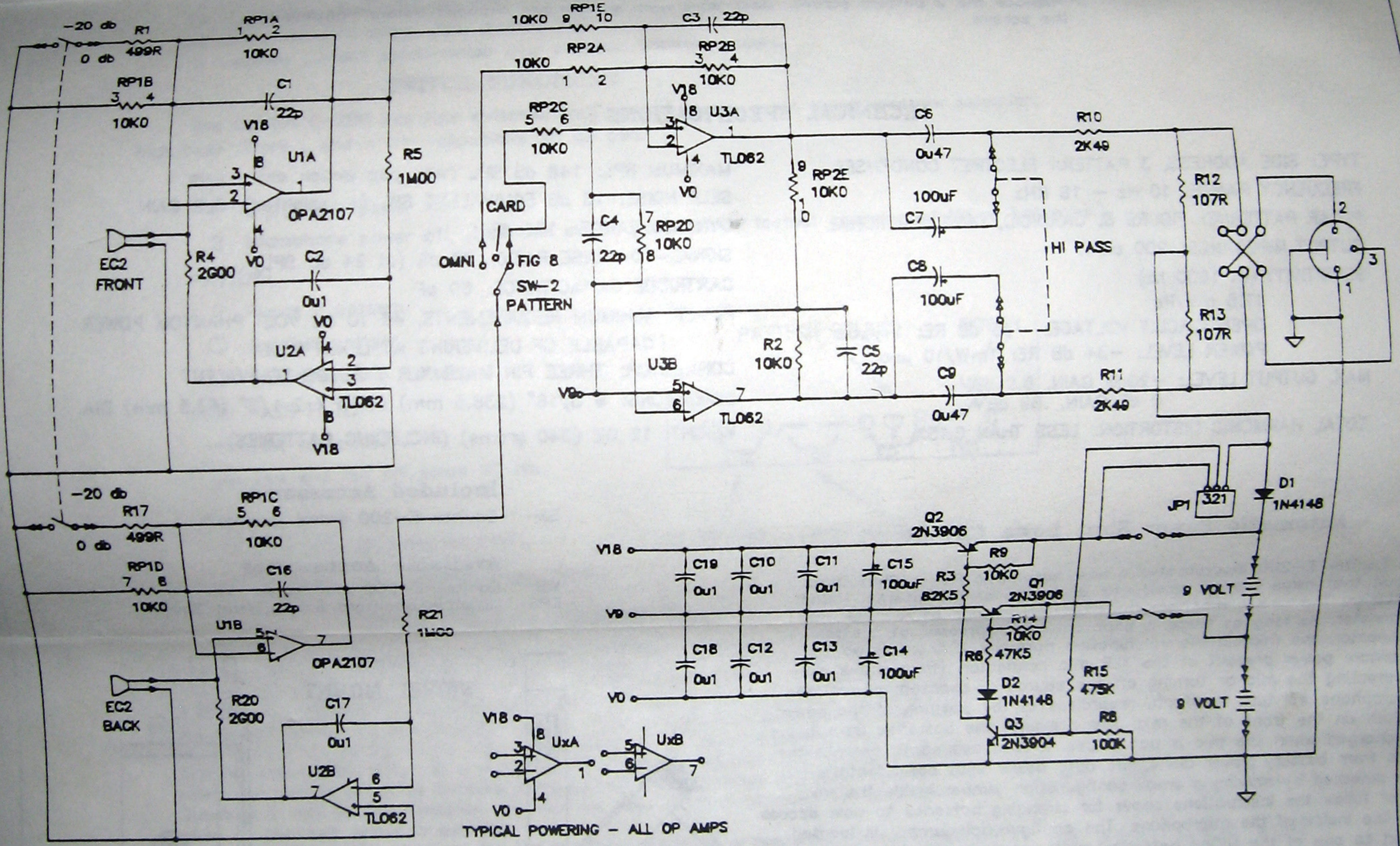


— 100 Hz  
 - - 500 Hz  
 - - - 1 KHz  
 — 5 KHz  
 - - 10 KHz  
 - - - 15 KHz

— 100 Hz  
 - - 500 Hz  
 - - - 1 KHz  
 — 5 KHz  
 - - 10 KHz  
 - - - 15 KHz

— 100 Hz  
 - - 500 Hz  
 - - - 1 KHz  
 — 5 KHz  
 - - 10 KHz  
 - - - 15 KHz

Equitek E-200 Schematic



TYPICAL POWERING - ALL OP AMPS

ARCHITECTS' SPECIFICATIONS

The microphone shall be a side address, three pattern electret microphone. It shall have an integral stainless steel pop and EMI filter screen, integral capsule shock absorbers, transformerless balanced output circuits and an internal NiCad battery based power reservoir system.

The microphone shall have a switch to allow pattern selections of cardioid, omnidirectional and figure 8 patterns. It shall also have switches to turn it on and off, insert a high pass filter and reduce its' gain by 20 dB.

The microphone will have an Automatic Power Shut Down circuit that will turn the mic off in the absence of phantom power to conserve battery power. This feature can be defeated by means of a configuration jumper located inside the microphone.

The microphone shall have a length of 9.31 inches (236.5 mm) and a diameter of 2.5 inches (63.5mm) and shall weigh, with its' internal batteries included, 12 ounces (340 grams).

The microphone shall have a frequency range of at least 10 to 18 kHz, an output impedance of 200 Ohms, an output level of 17.8 mV per Pascal, and a A-weighted self noise level of no greater than 16 dB in its' high gain position.

The microphone shall be a Conneaut Audio Devices type Equitek E-200 or equivalent.