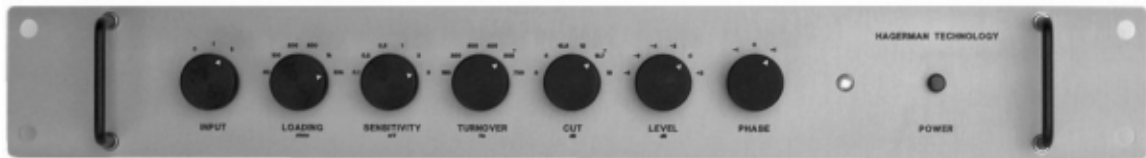




Archiver

Variable EQ Phono Preamp with USB



Made in USA

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Description

The Archiver is an extremely flexible phonostage that offers variable loading, gain, equalization, and polarity. It includes a gain trim and built-in digitizer with USB output for easy recording to computer. The open-frame rack mount chassis is perfect for studio, library, or professional use. There are both mono and stereo inputs, outputs are balanced XLR.

The circuitry employs discrete matched JFETs in a differential configuration for both low noise and low distortion. No opamps or feedback are used.

Package Contents

- Archiver phonostage
- USB cable
- Power Supply

Specifications

Item	Specification
Phono Gain	45, 50, 55, 60, 65, 70 dB
Input Impedance	50, 100, 220, 500, 1k, 47k ohm
Output Impedance	300 ohms
RIAA Flatness	+/-0.5dB from 25Hz to 25kHz
Turnover	150, 200, 300, 400, 500, 700 Hz
Cut	0, 5, 10.5, 12, 13.7, 16 dB @10kHz
Bandwidth (-3dB)	15Hz to 350kHz
Distortion	0.05% @1kHz @1V
SNR	66dB ref 0.5mV A-weighted @100 ohm
Computer I/O	USB 1.1
Data Rates	32k, 44.1k, 48k
ADC/DAC Resolution	16 bits
Size	2.6" x 19"
Power	115/230Vac, 2W

Operation

Connect the ground lead from your turntable to the ground lug on the rear panel. Connect the phono leads to the input jacks. The output jacks connect to your audio system or linestage. Set the front panel select switches to their appropriate settings. RIAA equalization is indicated by the dots. The "0" position on the PHASE switch is mute. SENSITIVITY should be set to match your cartridge's output level. LOADING is adjusted to taste (use 47k for MM).

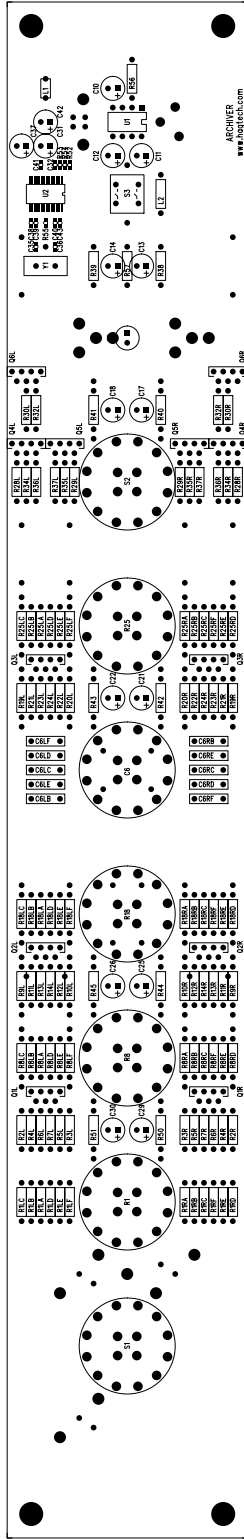
For recording, connect the USB cable to your PC. Visit the software installation and configuration page at www.hagtech.com/setup.html.

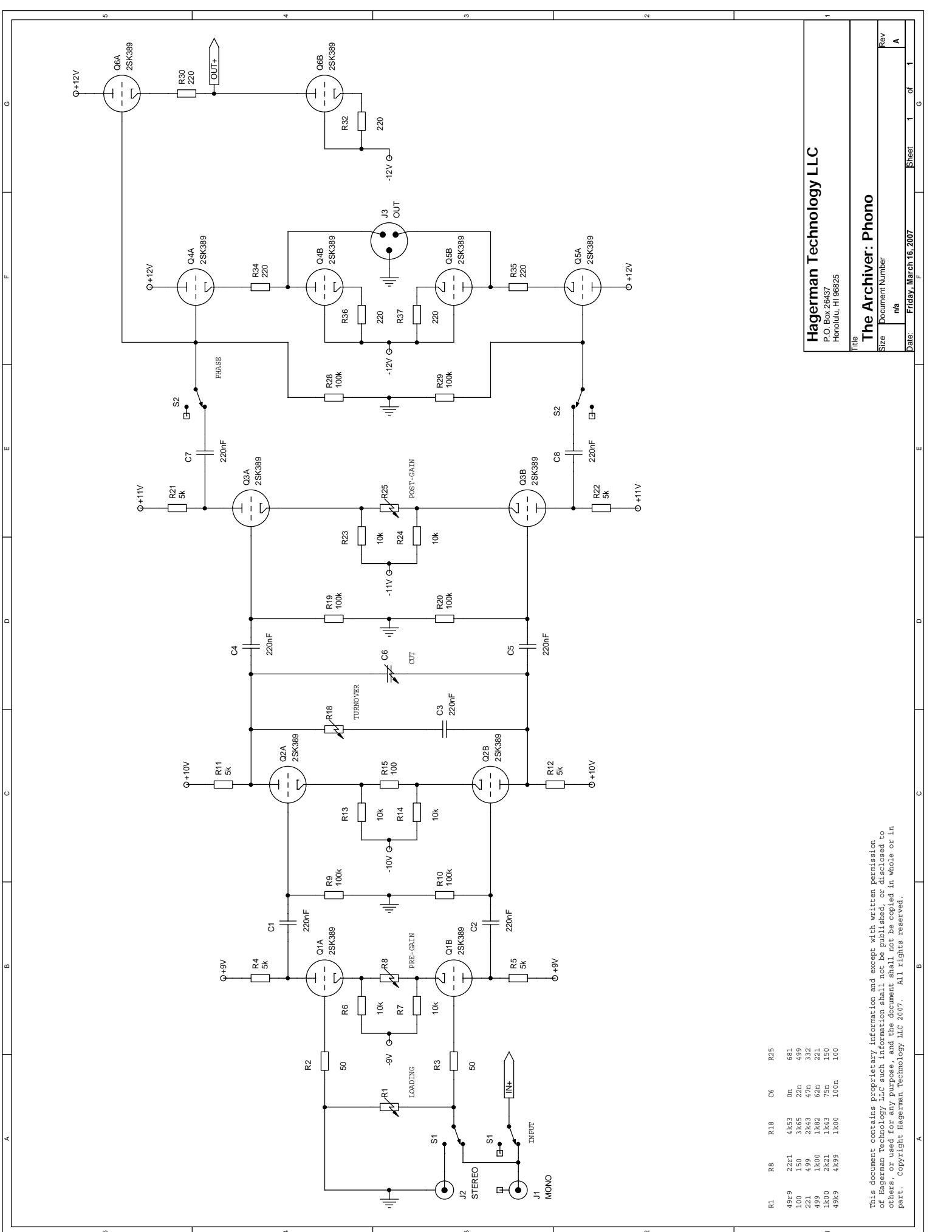
Recording

To record an LP, run the recording program (such as audacity) on the PC. Start playing the LP, and adjust the LEVEL control for best recording level. Reset the recording, start the LP over and rip a track. For playback, the select switch is switched to digital mode.

Troubleshooting

Problem	Solution
Power LED off.	Unit not plugged in? Switch off?
No sound.	Check INPUT and PHASE switches.
Audio stops or "tics" are present.	Too many devices on the USB bus?
DAC does not accept signal.	Check compatibility. Ripper plays 32k, 44.1k, and 48k sample rates. Computer software can be configured to resample to other data rates.





R1	R8	R18	C6	R25
49F9	22E1	4K53	0n	6E1
100	150	3K65	22n	499
221	499	2K43	47n	332
499	1K00	1K82	62n	2E1
499	1K00	1K43	50n	100
499	4K29	1K00	100n	100

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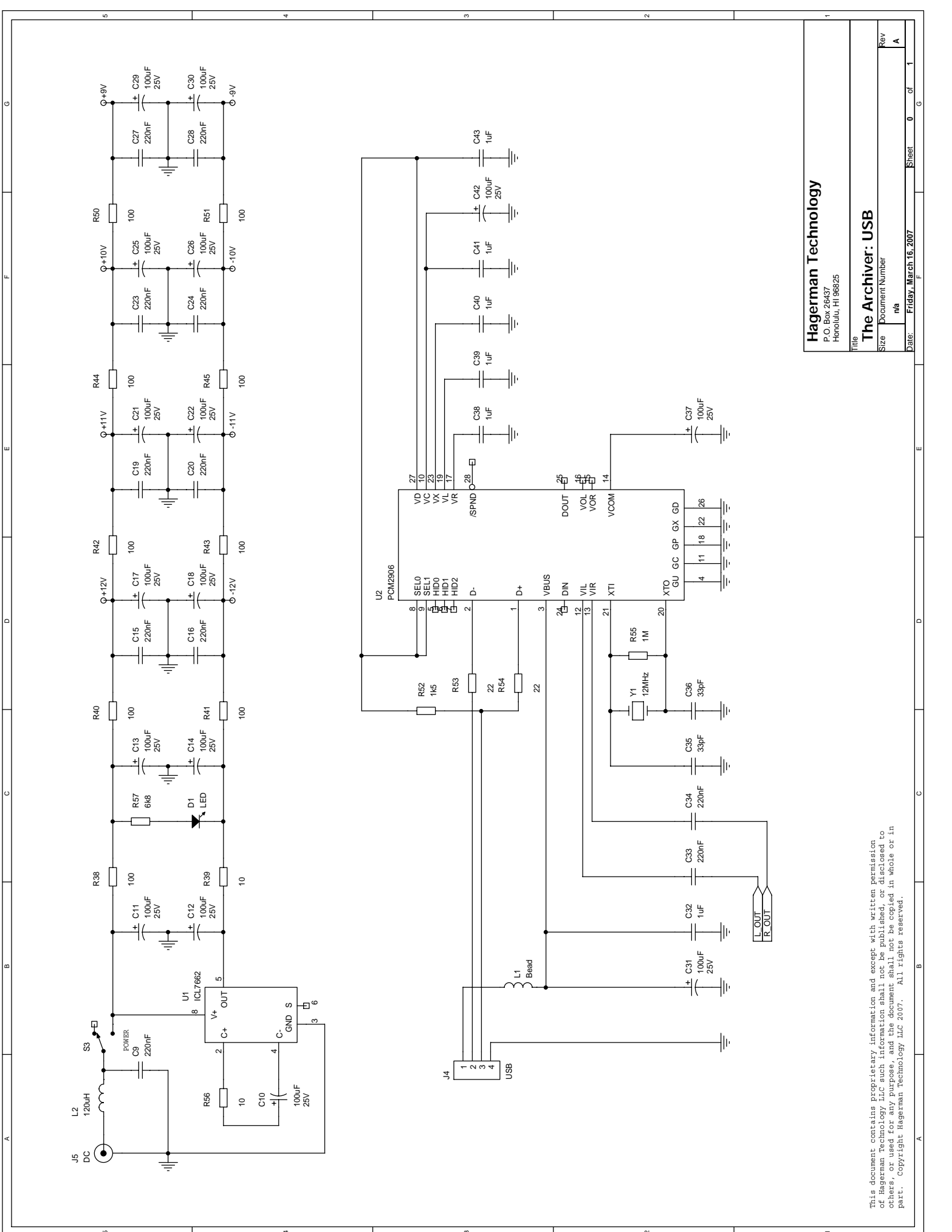
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