



Piccolo

MC Headamp



Made in USA

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Description

The Piccolo is a pre-preamplifier for use between your MC cartridge and MM type phonostage. It provides the required gain boost and offers variable resistive loading for the cartridge. This combination allows for perfect matching with almost any cartridge. The circuitry employs low-noise discrete matched JFETs for a very neutral and linear amplification. No feedback is used, yet the output buffer can readily drive long interconnects.

Package Contents

- Piccolo
- Power Supply

Specifications

Item	Specification
Gain	12, 20, 26 dB
Input Impedance	47, 100, 220, 470, 1000, 47,000 ohms
Output Impedance	< 300 ohms
Bandwidth	10Hz to 1MHz
Distortion	<0.01% @1kHz
SNR	85dB ref 5mV A-weighted @26dB gain
Overload	140mV @1kHz @26dB
Power	6V to 24V dc @15mA
Battery Life	4 alkaline AA, 200 hours

Operation

The Piccolo installs between your MC cartridge and your MM phonostage. Connect the turntable ground wire to the ground screw terminal between the inputs. The Piccolo can be operated either off internal batteries or the 120Vac wall wart supply. Plugging in the external supply disconnects the batteries. To install new batteries, remove top cover plate.

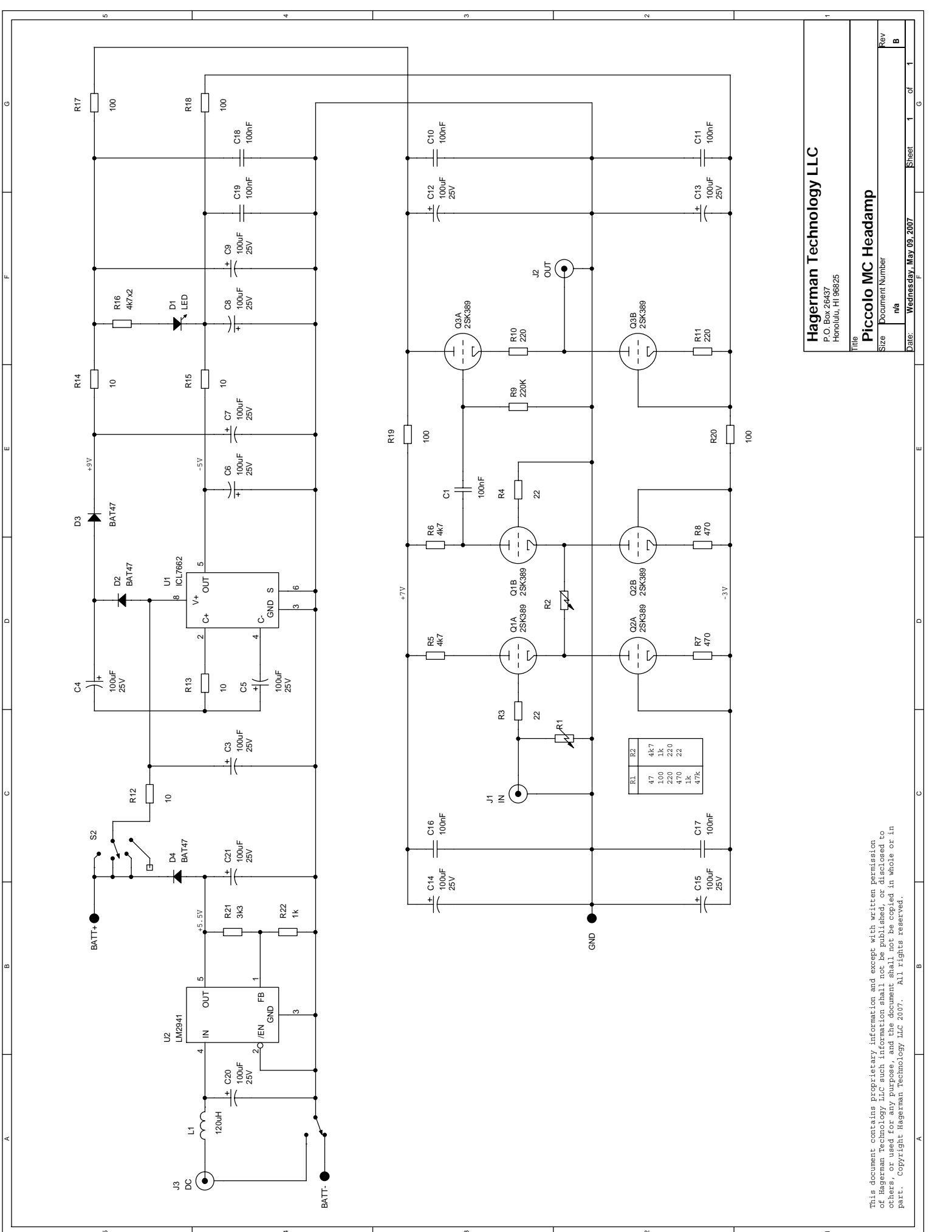
Set the gain level to match your cartridge (see following table). Finally, adjust resistive loading to taste. Most MC carts run well at about 100 ohms.

Cartridge	Gain
<0.2mV	26dB
0.2mV – 0.06mV	20dB
0.6mV – 2mV	12dB

The Piccolo is very quiet on it's own. However, in rare cases an installation or environment might be noisy with stray fields. If you are experiencing hum, check for broken grounds, unshielded interconnects, nearby power transformers, etc.

Troubleshooting

Problem	Solution
No sound.	Is switch on? Could be dead batteries. Is linestage selecting correct input?
Buzz or hum.	Is turntable ground wire connected? Is anything in contact with components on board? Are any power transformers or other equipment near the Bugle? Stray magnetic and electric fields can induce hum.
Only one channel is working.	Check cables by swapping left and right channels, one of them could be bad.



R1	R2
47	4k7
100	1k
220	220
470	22
1k	1k
47k	47k

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