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**MCCI**  
**SIGNATURE**

## THE WORLD IS FLAT AFTER ALL IT'S A VINYL DISC

The MCCI Signature is a truly balanced, global-feedback-free, passively equalized moving-coil phono preamplifier with the exceptional Current Injection input and LEF single-ended Class-A output stages.

The vinyl disc, dinosaur of music recording formats, just barely survived the CD. Today, however, the quality of turntables, tonearms, and cartridges has increased to unprecedented levels, which analog-recording producers support by pressing higher-quality discs in limited quantities. This means new challenges as well as new opportunities for phono preamplifiers.

The only consistent way to process the delicate music signal from a moving-coil cartridge is with a balanced Current Injection (CI) input, as the cartridge's signal is among the most sensitive an audio amplification circuit will encounter. Using CI, the current of the moving coil flows through the phono preamplifier, including the first half of the RIAA equalization. The result is a level of dynamics, impact, and spaciousness and a richness of color that surpass the performance of step-up transformers as well as the usual voltage inputs.

At the same time, Current Injection electrically damps the moving-coil cartridge by letting energy flow into the CI input, instead of eliminating it in a cartridge load resistor. Transformed energy sounds different than and superior to eliminated energy.

B.M.C.'s use of virtually distortion-free circuits with a Current Injection input and a Load-Effect Free output brings to listeners an advanced musical experience -- exceptionally lifelike, open and natural. Combining the CI input with a low-impedance moving-coil cartridge gives new meaning to the phrase "dynamic system."

### **Stereophile 6/2013, Michael Fremer:**

**B.M.C.'S PHONO MCCI IS EXCEPTIONAL, AND EASILY AMONG THE BEST, IF NOT THE BEST, MC PHONO PREAMPS AVAILABLE TODAY AT ANY PRICE.**





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## FEATURES & FACTS

### AMPLIFIER CIRCUIT

1. Balanced Current Injection input
2. Common base circuit for highest bandwidth
3. Automatic gain adjustment
4. Feedback free circuit with very short signal path
5. Full balanced circuit
6. Balanced LEF single ended class-A output

### RIAA EQUALIZATION AND ADJUSTMENT OPTIONS:

1. Three selectable gains
2. Neumann corrected RIAA, or traditional RIAA
3. Subsonic filter selectable
4. RIAA options for low end extension and warmth
5. Virtually lossless passive equalization within the I/V converter

### COMPONENTS OF THE HIGHEST VALUE:

1. Special ultra-low-noise transistors with very high Hfe, 10 in parallel
2. "Balanced Current" capacitors for precise and colorful sound
3. Induction-free Polystyrene capacitors
4. Metal-thin-film resistors with 0.5% tolerance
5. Fully gold plated 4-layer printed board
6. Copper plated iron shield cover with effective vibration damping
7. Massive Aluminum cabinet with resonance damping
8. Extremely clean and silent power supply

### TIME FOR NEW STANDARDS

Progress should not be stopped by too-traditional approaches. In this sense, an unbalanced phono input circuit is no longer the state of the art. CI technology opened a new chapter in phono MC amplification. Most modern cartridges have high-efficiency generators with low impedance while delivering a normal MC output voltage. For such MC cartridges, this combination along with a CI phono preamplifier redefines the limits of dynamics to a much higher standard -- an experience that doesn't require any explanation.

IT IS THE SOUND OF NATURE.

