

All Empire products are guaranteed against defects in material and workmanship for a period of one year from the date of purchase and will be repaired or replaced at Empire's option within that period. Please retain proof of purchase date. This guarantee does not include stylus wear.

1 Why did you buy an Empire unit?

- A. Personal preference _____
 B. Recommended by dealer _____
 C. Recommended by friend _____

2 Name Hi Fi magazine(s) subscribed to:

3 Other magazines read regularly:

4 Other magazines read occasionally:

5 Age category:

Under 18 _____ 18-29 _____ 30-45 _____ 45+ _____

6 Turntable/changer maker and model™

INSPECTED #14

EMPIRE
2000

HUM PREVENTION

The Empire cartridge incorporates a hum bucking, four coil structure as well as a complete shield to prevent stray hum in the cartridge. Should any excessive hum exist in your system, it will most likely be because of errors in wiring the rest of the high fidelity system.

Observe the following precautions:

1. Twist audio cables from pickup arm or changer to amplifier. Often, moving the cables slightly will greatly reduce hum.
2. Connect one point on the amplifier chassis to a good ground connection, like a cold water pipe.
3. Try reversing the AC power plugs for each piece of equipment in the system, one at a time.
4. Keep audio cables from pickups or tuners as far from power transformers as possible.

To prevent ground loops from causing hum in your system, it is advisable where possible to use a four wire system. Where three wire arrangements must be used, connect the common lead to both ground terminals at the cartridge.

MODEL	2000
FREQUENCY RESPONSE	20Hz-20kHz ± 3 dB
TRACKING FORCE RANGE	1½-3 gm
SEPARATION: 20Hz to 500Hz	16 dB
500Hz to 15kHz	21 dB
15kHz to 20kHz	13 dB
I.M. DISTORTION @ 3.54 cm/sec	.2% 2kHz-20kHz
STYLUS	.7 mil spherical
EFFECTIVE TIP MASS	1 milligram
COMPLIANCE	14x10 ⁻⁶ cm/dyne
TRACKING ABILITY	32 cm/sec @ 1kHz @ 2 gm
CHANNEL BALANCE	within 1½ dB @ 1kHz
INPUT LOAD	47k Ohms/channel
TOTAL CAPACITANCE	400-500 pF/channel
OUTPUT @ 3.54 cm/sec	7 mV/channel
STYLUS COLOR	Smoke