



**GOLDRING**

**1000**

**SERIES**

MOVING MAGNET CARTRIDGE

#### INSTRUCTIONS FOR USE

(1) Mounting. To protect the stylus from damage during mounting remove the stylus assembly from the cartridge body (see Fig.3). Note. Mounting is simpler if connecting leads are attached before screwing cartridge into headshell.

This cartridge has standard 12.7mm fixing centres. Screws are provided and these should be used to fasten the cartridge rigidly to the headshell. Do not overtighten these screws.

Mount the cartridge so that when it is seen from the front and the side its top surface is parallel to the record (see Fig. 1).

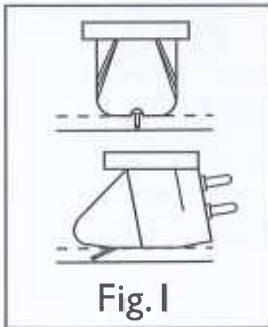
The use of a small mirror will help aligning the cartridge correctly. Place the mirror on the turntable and rest the stylus on it. Now make the necessary adjustments to the arm or headshell to ensure that the cartridge is parallel with the record surface and not tilted.

(2) Connections. The contact pins are colour coded according to the International Standard Colour Code. Connect the four pickup leads to the corresponding pins on the cartridge (see Fig.2).

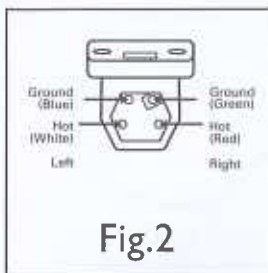
Warning. Under no circumstances should the headshell leads be soldered direct to the contact pins on the cartridge. Heat applied to the contact pins will cause damage to the internal connections.

(3) Playing Weight. The correct playing weight is 1.75 g. Do not forget to remove the stylus guard before setting playing weight.

(4) Matching. Cartridge load should be 47k ohms and the total capacitance in parallel with this including arm lead and amplifier capacitance should not exceed 200pFs. If other values of load resistance and capacitance are used the response will depart



**Fig. 1**



**Fig. 2**

from the published information but this may not affect one's listening pleasure.

Stylus replacement. The stylus is easily removed. Grasp the stylus housing and withdraw gently (see Fig.3).



**Fig. 3**

stylus grasp the stylus housing very carefully and insert the square boss into the aperture in the cartridge body and gently push home until the stylus housing is flush with the body. Never use force when replacing the stylus assembly. All Goldring stylus are manufactured to a specific performance parameter. When a replacement stylus is required use only a

genuine Goldring replacement stylus assembly. The Goldring replacement stylus for the 1000

- D06  
1012 GX - D12 GX  
1022 GX - D22 GX  
1042 - D42

The cartridge is guaranteed against electrical and mechanical faults for one year from date of purchase. The guarantee however does not include worn stylus, and is invalidated if the instructions are not complied with or if any unauthorised modification, repair or alteration has been attempted.

#### TECHNICAL SPECIFICATION - 1000 SERIES

##### Transducer Characteristics

Frequency response: 20Hz - 20kHz  $\pm 2$ dB

Channel balance: 2dB at 1kHz

Channel separation: 25dB at 1kHz

Sensitivity: 6.5mV  $\pm$  1.5dB

1kHz @ 5cm/sec

Static compliance: 24mm/N lat. 16mm/N vert

Equivalent tip mass: 0.45 mg

Vertical tracking angle: 24°

Stylus radius: 1006 - Elliptical (18 $\mu$  x 7 $\mu$ )

1012 GX - Gyger II

1022 GX - Gyger I

1042 - Gyger S

Stylus type: Replaceable

##### Electrical Characteristics

Load resistance: 47k $\Omega$

Load capacitance: 150 - 200pF

Internal inductance: 570mH

Internal resistance: 960 $\Omega$

##### Mechanical Characteristics

Cartridge weight: 6.3g

Fixing centres: 0.5in (12.7mm)

Playing weight: 1.5g - 2g (1.75 nom)

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