



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. 2). Note: Mounting is simpler if connecting leads are attached before screwing on the main headshell.

This cartridge has standard 12.7mm flange centres. Screws are provided and these should be used to secure the cartridge rigidly to the headshell. Do not over-tighten these screws.

Mount the cartridge so that when the wax is spun from the front and the side the top surface is parallel to the record (see Fig. 3).

The use of a small metal filing stylus, the use of a turntable and run 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 correct pin connections 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 transducer leads be soldered direct to the connections on the cartridge. If any applied to the connections will cause damage to the internal connections.

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

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

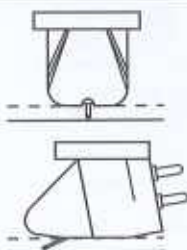


Fig. 1



Fig. 2

from the published information and may not otherwise listening pleasure.

Stylus replacement. The stylus is 0.05mm diameter. Grasp the stylus using the stylus holder (see Fig. 3). To replace the stylus grasp the stylus holder very carefully and insert the square base into the aperture in the cartridge body and push it up. Note it is the stylus holder is flush with the body. Never use force when replacing the stylus assembly. All Goldring products are manufactured to a standard performance programme. When a replacement stylus is required use only a



Fig. 3

genuine Goldring replacement stylus assembly. The Goldring replacement stylus is to the 1000 Series.

1012 GX - D08 GX
1022 GX - D22 GX
1042 - D42

The user is to guard against electrical and mechanical faults for the performance of the cartridge. The guarantee however does not include arm stylus and a metal dust cap. The manufacturer is not responsible for any unauthorized modification, repair or alteration. No claim attempted.

TECHNICAL SPECIFICATION - 1000 SERIES

Transducer Characteristics	
Frequency response	20Hz - 20kHz $\pm 2dB$
Channel balance	20dB $\pm 1dB$
Channel separation	25dB at 1kHz
Sensitivity	5.0mV $\pm 1.0dB$
Static capacitance	150pF $\pm 5\%$
Dynamic impedance	24k Ω $\pm 5\%$
Effective mass	0.45g
Vertical tracking angle	24°
Stylus material	1012 GX - Phosphor 1022 GX - Beryllium 1042 - Copper

Stylus type: Replaceable

Electrical Characteristics	
Load resistance	47k Ω
Load capacitance	150 - 200pF
Internal inductance	670mH
Internal resistance	660 Ω

Mechanical Characteristics	
Cartridge weight	8.2g
Floating mass	3.0g (17.7mm)
Playing weight	1.75g (12.7mm)

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