

GUARANTEE

There are no user serviceable parts inside your Shiraz Cartridge. If a fault should develop, refer any servicing to your appointed ROKSAN dealer, distributor or ROKSAN approved service agent.

Your ROKSAN Shiraz MC cartridge is guaranteed against any defect in materials and workmanship for a period of **two years** from the date of purchase.

This guarantee only becomes effective if the warranty card is validated by the ROKSAN retailer from whom the equipment was purchased and returned to ROKSAN within **28 days** of purchase.

This guarantee excludes:

1. Damage caused due to accident, misuse, neglect and incorrect installation, adjustment or repair.
2. Liability for damage or loss during transit from the retailer or purchaser to ROKSAN or its authorised distributor for the purposes of repair or inspection.

Carriage costs to ROKSAN shall be borne by the consignor.

All claims under this guarantee must be made through an authorised ROKSAN retailer.

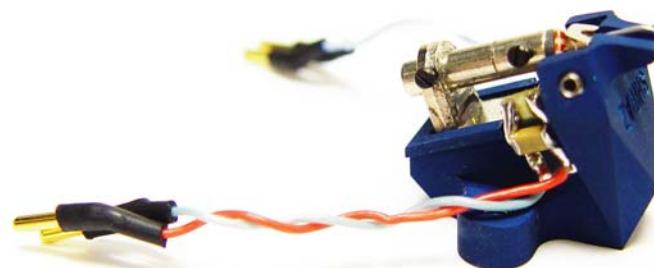
If equipment returned for repair to ROKSAN is found on inspection to comply with the product specification ROKSAN reserves the right to make a charge for examination and return carriage.

Unauthorised servicing will void this guarantee.

SPECIFICATION

Type:	Moving coil
Output:	1.05 mV @ 5cm/sec (RMS) 0.21 mV @ 1cm/sec recorded velocity
Stylus:	Super fine-line
Cantilever:	Aluminium tube
Tracking weight:	2.2 –2.5 (2.4 grams recommended)
Cartridge body:	Solid, machined aluminium alloy
Generator fixing:	Unique 3- point rigid fixing, spiked to body (no adhesive)
Cartridge fixing:	Standard 0.5 inch centres (12.7mm)
Recommended load:	30-100 Ohm
Coil impedance:	24 Ohm
Cartridge weight:	8.2 grams

SHIRAZ



ANALOGUE

ROKSAN

OVERVIEW

One of the most important aspects of cartridge design is the diamond tip of the stylus. It is this jewel which has to retrieve information often represented by variations that measure millionths of an inch. If the profile of this diamond is cut to the wrong shape it will damage records and reduce the amount of retrievable information. The moving coil Shiraz cartridge has a stylus which we believe is the world's best diamond profile design. The Swiss made Gyger II has a super fine line profile offering excellent tracking ability with stunning detail retrieval and low surface noise. The body is made from solid aluminium alloy and fitted with a robust broadcast standard generator uniquely fixed to the body with three spikes giving it precise alignment and coupling without using distortion inducing adhesives. Excessive cantilever movements at certain frequencies are damped by the capacitors mounted directly to the generator over the coil where they accurately preserve the minute signal. The Shiraz produces relatively high output for a moving coil design, which is important for a good signal to noise ratio and channel separation, but requires careful matching to preamplifier phono stage. Once the Shiraz is set up correctly the sonic performance can not be matched by any other cartridge.

INTRODUCTION

Roksan have employed complex engineering techniques in the Shiraz cartridge in order to extract the most information from the groove of your records whilst never damaging the groove itself.

There are several main areas where the Shiraz distinguishes itself from other cartridges.

- astonishing level of detail
- ease of tracking highly modulated grooves
- uncompressed dynamic range
- flat frequency response to beyond 30kHz allowing harmonics to be naturally reproduced

These qualities are directly related to sound mechanical and electrical engineering principles.

1. The Shiraz utilises a broadcast standard moving coil generator rigidly mounted, with three spikes, into a solid machined aluminium body.
2. The Shiraz is fitted with a Super fine-line stylus.
3. The Shiraz is a critically damped balanced cartridge, with ultra low noise surface mount capacitors fitted directly to the generator's coils.

The Shiraz cartridge is particularly sensitive to precise alignment. The fine-line stylus must be adjusted for optimum vertical tracking angle.

INSTALLATION

Extreme care must be taken when fitting the tonearm tags to the flying leads of the Shiraz. The hybrid cables (made of copper, brass and aluminium) are connected directly to the precision PCB. Do not use serrated pliers to hold the pins, it is better to use your fingers.

The body is threaded and does not require nuts to hold it in place. It is best to use the bolts provided, which should not be over-tightened.

It is important that all ancillary equipment is chosen with care. The phono sensitivity and overload margin of the amplifier must be capable of handling the high peak outputs from the Shiraz cartridge.

If you are at all unsure, as to which equipment is suitable, please contact your local Roksan retailer.