

The GRASSHOPPER IV GLA

A custom handbuilt moving coil cartridge featuring:

- G** = matched crystal **Gold** coils
- L** = Low output (0.65 mV/channel)
- A** = **Alnico** magnet

Special customer demands/specifications:

Thanks to the many variations in materials available, it is always possible to build a unit to match the personal demands of the customer.

With these personalized cartridges the wooden container can mention the name of the customer it has been specially built for.

This option is **exclusively** available for The CANARY, The GRASSHOPPER III series, The GRASSHOPPER IV, The GRASSHOPPER "BEAUTY", The CONDOR and The COLIBRI versions.

The customer demands/specifications that can be taken into account when building a personalized cartridge for instance are:

The tone-arm used, the preamp and load impedance used, a particular brand of records to be played, the type of music generally played (jazz being more dynamic and classical more spacious and detailed) and other personal/sound preferences.



Click image to view animation

Production time:

The production time for a GRASSHOPPER cartridge after ordering is about two weeks. Please call your authorized distributor for delivery time.

Related Articles & Papers:

- »[The design philosophy of The GRASSHOPPER IV.pdf](#)
- »[GRASSHOPPER IV - Stereophile Jul 1995.pdf](#)
- »[GRASSHOPPER IV - Hi-Fi World Dec 1995.pdf](#)
- »[GRASSHOPPER IV GLA - Image HiFi Mar 1997.pdf](#)
- »[GRASSHOPPER IV GLA - The Abs Sound Dec 1998.pdf](#)

Stylus Replacement Available:	see (*1)
Stylus Shape:	VDH - IS
Stylus Radii:	2 x 85 Micron
Frequency Range:	5 - 65.000 Hz
Tracking Force:	13.5 - 16 mN
Static Compliance:	35 Micron/mN
Tracking Ability at 15mN at 315Hz:	70 - 80 Micron
Output Voltage at 1 kHz at 5.7 cm/s eff.:	0.65 mV RMS
Channel Unbalance:	< 0.25 dB
Channel Separation at 1kHz / 10kHz:	> 30 / > 27 dB
Equivalent Stylus Tip Mass:	0.32 Milligram
System Weight:	8.6 Gram
Vertical Tracking Angle :	22 Degrees
Optimum Load Capacitance:	see (*2)
Recommended Load Impedance:	> 500 Ohm
Recommended Eff Tone arm Mass:	6 - 10 Gram
Moving Coil Resistance per channel:	25 Ohm +/- 10%
Extra Info:	(*1) : Stylus replacement and other services available on request
	(*2): Non critical

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