

GOLDRING

high fidelity
transcription
equipment

designed and made for
immaculate sound
reproduction



GOLDRING DIAMOND STYLI

For a large range of pick-ups

Advance in technology, coupled with a demand for more and more accurate reproduction, have enabled the Goldring Manufacturing Company to introduce a comprehensive range of Diamond Styli at a low price.

For full details of the range and standard of Goldring Styli write to:—



GOLDRING MANUFACTURING CO. (Gt. Britain) LTD.

486-488 High Road, Leytonstone, London, E.11.

Tel.: LEYtonstone 8343

Made to the very high standards of Swiss precision engineering, the L.70 is designed for the high fidelity requirements of tomorrow

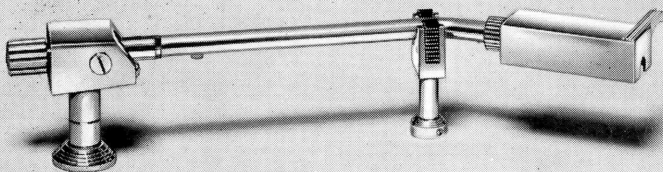
The arm is made from light alloy mounted on low friction nylon bearings and requires only a single hole for fixing to the motor board. The head is detachable, wired to take stereo or mono cartridges without modification and the headshell design makes cartridge changeover a fast and easy process. Tracking weight is adjustable by means of a knurled screw at the rear of the arm. The pick-up rest has a completely unique feature—a precision made locking device to lock the arm into place when it is not in use.

The L.70—a high fidelity pick-up arm for the man who likes to have something special . . .

Goldring - Lenco

L-70

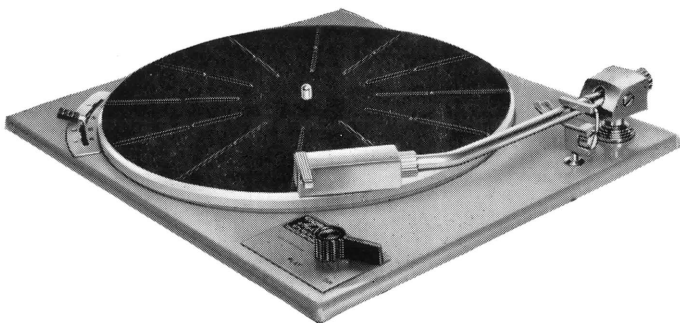
precision transcription arm



SPECIFICATION

- * Tracking error— $\pm 2^\circ$ over 12" record
- * Low frequency resonance—approx. 9 cycles/sec.
- * Tracking weight—0-15 grams.
- * Dimensions—9" long
- * Height required above motor board—2"
- * Depth required below motor board—2"

L.80—12" Pick-up Arm to the same specification as above.
A Head Shell PH.3 is also available.



Goldring-Lenco

GL-70

precision transcription unit

The latest precision engineered Transcription Unit for monaural or stereophonic reproduction, the GL.70, includes the superb L.70 Pick-up Arm.

The turntable of the GL.70 unit is die-cast from zinc and copper alloy and weighs 8 lbs. It is dynamically balanced and its lapped steel centre spindle runs in a cindered bronze bush with special thrust pad to keep wow and flutter at less than 0.2%. The unique vertical drive system is used and this method allows the turntable speed to be continuously adjusted from above 80 r.p.m. to below 30 r.p.m. and from 15 to 18 r.p.m. Standard playing speeds 78, 45, $33\frac{1}{3}$ and 16 r.p.m. are located by pre-set click-in positions.

A 4-pole constant velocity motor provides the drive for this unit and is specified to limit changes in turntable velocity to less than 1% for up to 13% changes in line voltage.

The pick-up lowering device is incorporated in the unit and the pick-up can be lowered onto any part of a record, or raised off it, by turning the "play" switch to "on" or "off".

The GL.70 is built to instrument standards of quality—a superb unit for the discriminating man.

SPECIFICATION:

- * A.C. mains 200-250 V, 50 cps. 4-pole constant velocity motor (15 watts).
- * Continuously variable speed adjustment.
- * Positive click-in positions for 16, $33\frac{1}{3}$, 45 & 78 r.p.m.
- * Centre spindle of ground and lapped steel in cindered bronze main bearing.
- * Wow and flutter—maximum 0.2%.
- * Rumble and hum—negligible.
- * Less than 1% speed change for 13% mains voltage change.
- * Positive drive and completely accurate speed control through the vertical drive system.
- * Pick-up Arm—L.70.
- * Dimensions $15\frac{3}{8}$ " long $\times$ $13\frac{1}{4}$ " wide $\times$ $5\frac{1}{2}$ " high.

A moderately priced pick-up arm of transcription quality which has already established itself among professional as well as domestic users. It accepts all stereo and monaural cartridges of standard fixing dimensions.

A feature of the G.60 arm is the unique slide-in platform which carries the pick-up cartridge. This platform contains four pin contacts which mate perfectly with the lead carrying contacts in the arm and give the simplest but most positive head arrangement yet devised. The heights of the arm and of the folding rest are adjustable for all modern transcription motors. Playing weight is adjustable by means of a milled wheel running on a thread beneath the arm. New type precision bearings are fitted to give free movement laterally and vertically and the arm offset angle and overhang dimensions are designed to give optimum tracking, maximum error being $\pm 2^\circ$ over 12" record. The low frequency resonance 9 c/ps.

Goldring

G-60

transcription arm



PRICE LIST

L.70	9" Pick-up Arm	£8.7.0.
L.80	12" Pick-up Arm	£11.2.7.
PH.3	Head Shell	£1.19.9.
GL.70	Transcription Unit	£29.16.3.
GL.58	Transcription Unit	£18.4.5.
GL.55X	Turntable & Motor only	£14.18.2.
G.60	Transcription Arm	£3.19.6.

Cartridges

MX.1	Monaural	£1.7.10.
580	Monaural	£5.11.4.
600	Monaural	£11.2.7.
SX.10	Stereophonic	£1.17.9.
700 Mk. 11	Stereophonic	£9.14.9.

**P.T. included in the above prices is subject to the additional 10 % surcharge.*

Precision engineered for monaural or stereophonic reproduction the very well-known GL.58 incorporates the G.60 transcription arm which will accept stereo or monaural cartridge without modification.

Turntable speed is continuously variable from above 80 r.p.m. to below 30 r.p.m. and from 15-18 r.p.m., with pre-set 'click-in' positions for 78, 45, $33\frac{1}{3}$ and 16 r.p.m. The turntable is driven by a 4-pole constant velocity motor and wow, flutter, rumble and hum are reduced to an absolute minimum.

Record and styli wear are reduced by a groove selection device which automatically lowers the pick-up arm on to any selected part of the record when the motor is switched on.

SPECIFICATION

A. C. mains (200/250 volt, 50 cps.) 4-pole constant velocity motor (15 watts).

Continuously variable speed adjustment

Wow and flutter—less than 0.5 %.

Rumble and hum—negligible.

Less than 1 %, turntable speed change for 13 % changes in mains voltage.

Goldring GL-58 transcription unit

DIMENSIONS

Turntable diameter—11 $\frac{3}{4}$ ". Weight—3 $\frac{3}{4}$ lbs.

Unit plate size—15" $\times$ 13"

Clearance—above motor plate 3"
below motor plate 2 $\frac{3}{4}$ "

GL.55X—this is the turntable of the GL.58 unit without the G.60 arm and can be purchased separately.



What the ear doesn't see

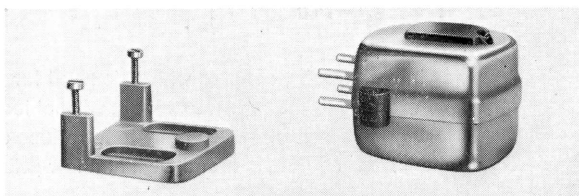
The very earliest stages of stylus deterioration can deceive even the most expert listener. Therefore, since a slight deficiency can harm record surfaces long before it is noticeable to the ear, partly-worn styli can irreparably damage valuable collections.

There is one sure way to guard against this risk—the 'Goldring Test', a microscopic examination by a Goldring dealer that leaves no room for doubt.

If the 'Goldring Test' establishes that a change is necessary, ask for a replacement from Goldring's wide range of over 130 different Sapphire and Diamond Styli. These guaranteed styli ensure the highest quality available—quality that satisfies even the most discriminating and critical collector.

Stereo Cartridges

Standard fixing centres



700 Mk. 11

Magnificent stereophonic effect from this cartridge which follows the traditional variable reluctance design of Goldring cartridges. The low tracking weight of the '700' gives styli a long life—and minimum wear to your records.

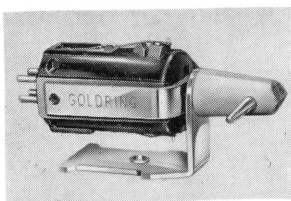
Frequency response—40 c/s—16,000 c/s

Normal tracking weight—3-4 gm.

Stylus Diamond .0007" tip radius replaceable at works only.

Channel Separation—20 db. at 1 Kc/s

Compliance 4×10^{-6} cm/dyne



SX. 10 Crystal

TURNOVER TYPE

A high quality stereophonic/monaural crystal cartridge designed for use with all types of records. Sapphire styli are fitted for both 78 r.p.m. and Stereo/Mono L.P. records.

Frequency response—30 c/s—14,000 c/s ± 2 db.

Channel Separation—better than 15 db at 1 Kc/s.

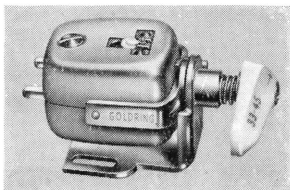
Normal tracking weight—4 gms.

Replacement Styli—Sapphire type S.61 for standard and Sapphire type S.61 SR for microgroove. Diamond type D.61 SR for stereo SX.10 D.

Goldring

Mono Cartridges

Standard fixing centres



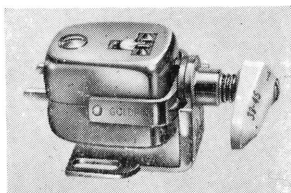
Model 580

A variable reluctance turnover cartridge designed to fit all standard arms. Simple and positive turnover mechanism, easily replaceable styli. High compliance and low mass give superlative results from this cartridge.

Frequency response—substantially linear from 20 c/s to above 18,000 c/s.

Normal tracking weight—4-5 gm.

Replacement Styli—sapphire type type No. S.40 Std. or LP.



Model 600

Designed to exploit all the advantages of a diamond stylus, this variable reluctance turnover cartridge has a high frequency response greater than 21 K/c's.

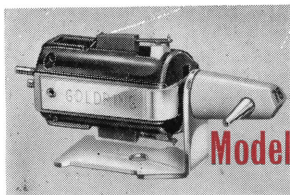
Lateral compliance is high and eliminates groove jumping.

Effective mass at the stylus tip is at an absolute minimum.

Frequency response—20 c/s—21,000 c/s + 2 db.

Normal tracking weight—4-5 gm.

Replacement Styli—diamond type D.40, Sapphire type S.40.



Model MX.1. Crystal

A high quality monaural turnover cartridge designed as a universal replacement, the MX.1 gives very good results on standard or L.P. records.

Frequency response—30 c/s—16,000 c/s.

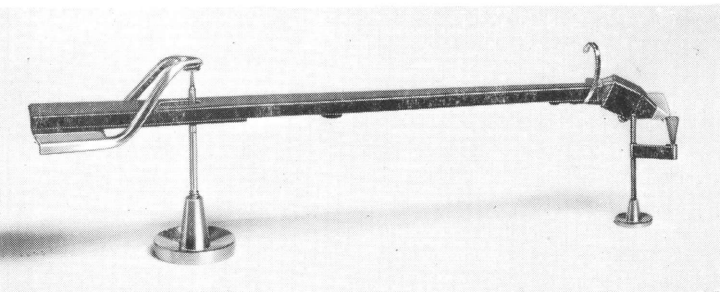
Normal tracking weight—5-7 gm.

Replacement Styli—Diamond type D.60, Sapphire type S.60 Std. and S.60 L.P.

From the U.S.A.

Pickering High Fidelity Equipment

The quality of Pickering high fidelity equipment is almost a by-word in the United States. Goldring are proud to present the following superb examples from the Pickering range.



Pickering

Model 198 Unipoise pick-up arm

An integrated arm and stereo cartridge (Unipoise arm and Model 380A Collectors' Series cartridge) which is perhaps the finest available in the world today. The Unipoise arm has won many major awards in the U.S.A. and at international exhibitions. A precision instrument, the UNIPOISE employs a single pivot bearing which gives almost infinite freedom of tracking. Advanced mechanical design and extremely modern styling combine to make an instrument of distinction. An exclusive arm rest is included in the specification and a soft sable brush is mounted to keep the stylus tip free of dust at all times.

This is an instrument for those who are determined to have the best regardless of cost.

SPECIFICATION

Frequency response—20 c/s 15 K/c $\pm$ 2 db.

Output—15 milli-volts per channel

American standard 5 c/m per second

Channel separation—35 db.

Weight 6 ounces

Tracking force—2-5 grams.

PRICE LIST

Unipoise Arm with integrated 380A cartridge—£58.8.8.

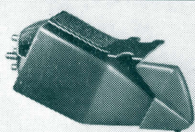
Cartridges

380 £16.13.11.

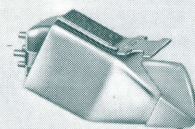
380A £37.11.3.

381 Calibration Standard Model £50.1.8.

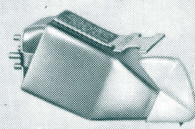
P.T. included in the above prices subject to 10% surcharge.



380



380A



381

Pickering Cartridges

Collectors' Series 380 Stereo Cartridge

For the discriminating high fidelity enthusiast this variable reluctance cartridge incorporates many exclusive features; the Pickering 'V' guard; easily replaceable stylus assembly; and the hermetically sealed mu-metal capsule which ensures a lifetime of trouble-free and hum-free performance. The cartridge has standard fixing centres and can be accommodated in all modern high quality arms.

SPECIFICATION

Frequency response—20 c/s—15 K/c/s ± 2 db.

Output—15 milli-volts per channel.

American standard 5 c/m per second.

Channel separation—35 db.

Tracking weight—4 gms.

Collectors' Series 380A Stereo Cartridge

The general specification is as for the 380 but this model has increased sensitivity and a reduced tracking weight of 2 gms.

Calibration Standard Model 381 Stereo

A calibration standard cartridge primarily intended for professional use but offering the very highest standard for the high fidelity enthusiast. The calibration standard model 381 is completely suitable for record evaluation by engineers and critics and for recording channel evaluation.

SPECIFICATION

Frequency response—20 c/s—10,000 c/s ± 1 db.

10 K/s—20 K/s ± 2 db.

Output—10 milli-volts per channel

American standard 5 cm/sec.

Channel Separation—35 db.

Tracking weight—2-3 gms.

Load Resistance—47,000—100,000 ohms.