

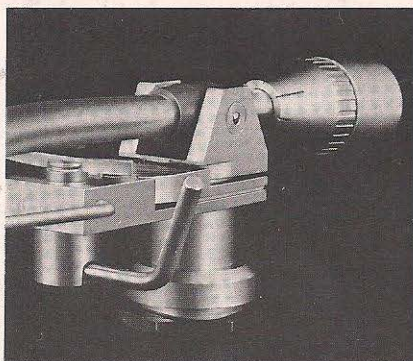
AS 212

The AS 212 has precision ball bearings for vertical and horizontal movements giving perfect operation even at the lowest possible tracking force.

A hydraulic cueing device (Hi-Jack) is a standard feature on the AS 212.

The AS 212 has an adjustable magnetic anti-skating device.

The special S-shaped tubular arm makes it possible to achieve



complete balance in the horizontal and vertical planes. This means that levelling the record player is not critical.

The height of the arm base is adjustable so as to adapt it to any turntable.

Tracking force can be adjusted by turning the counterweight, a scale will indicate the selected tracking force.

The rigid construction of the arm plus the fact that the counterweight is anti-vibration mounted precludes resonances.

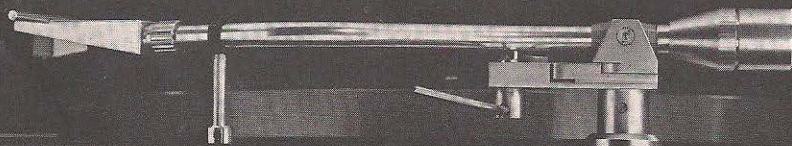
It is equipped with a new light-weight shell, type L, with standard fixing holes.

All metal surfaces are velour nickel-chromium plated.

TECHNICAL DATA

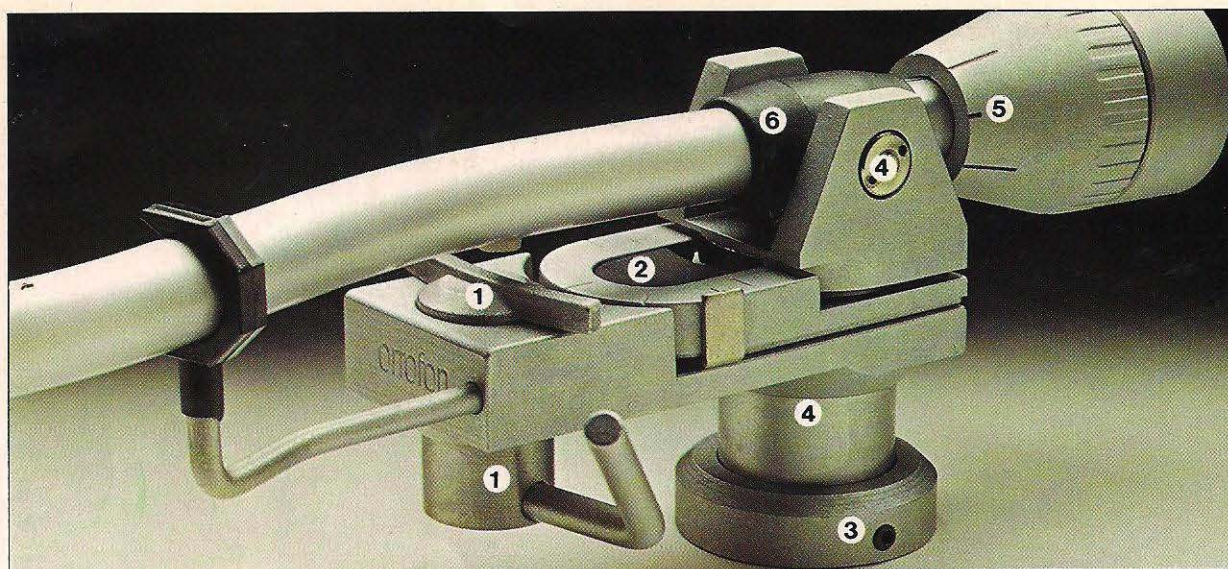
AS 212

Total length	300 mm
Distance between centre of arm base and centre of turntable	212 mm
Range of adjustable height (centre of arm tube to mounting plate)	30-65 mm
Diameter of arm base	26,5 mm
Effective length (centre of arm base to stylus tip)	228 mm
Optimum overhang	16 mm
Off-set angle	22,7°
Maximum tracking error distortion	1,2%
Adjustable tracking force	0-3 grams
Maximum permissible weight of cartridge (excl. shell)	5-12 grams
Total weight	390 grams



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1. Oil-damped cuing device protects records by lowering the arm slowly and accurately.
2. Adjustable magnetic antiskating device offsets skating force with no mechanical interference.

3. Adjustable elevation lets the tone arm fit all modern turnables.
4. Precision ball bearings reduce friction to an unnoticeable minimum for the lifetime of the unit.

5. Easily adjustable tracking force with easily read scale notched in the counterweight.
6. Resonance-damping suspension to get rid of arm resonances.

What Would You Demand Of The Perfect Tone Arm?

Almost everybody would agree that the perfect tone arm would neither cause stress or wear on the phonograph recording, nor would it cause spurious signals to be obtained from the record. That is a simple way of saying that the most desirable attribute of a tone arm would be "non-existence" from a mechanical loading viewpoint.

To put the requirement in more technical language - you'd demand near zero effective mass, nearly complete absence of inertial resistance, and elimination of mechanical resonances. You'd also insist that no mechanical antiskating device be added.

This Is What Ortofon's AS 212 Mk II Has To Offer.

Well, if you're looking for state-of-the-art perfection, Ortofon's AS 212 Mk II offers you:

A tone arm with remarkably low effective mass ("low" defined by professional criteria) - with an "S" shaped tubular arm for superb lateral and vertical inertial balance - with precision ball bearing pivots for minimal pivotal friction. Antiskating achieved with a magnetic field - eliminating the troublesome friction generating mechanical assemblies, common in the more ordinary make of tone arm.

The tone arm cuing device is hydraulic for smooth and reliable movement.

Practicality hasn't been overlooked - the AS 212 Mk II is height adjustable - designed to fit any standard turntable model. Tracking force adjustment is a pleasure with the attractively styled and easily read notched scale markings, etched into the counterweight cylinder drum.

Cartridge mounting is simplicity itself with the "P type" perforated light weight headshell machined with slot mounting holes for overhang adjustment.

Streamlined Styling.

Mechanical loading "non-existence" is one thing, elegant streamlined styling is quite another. We've striven after both and feel, with all due modesty (and the assurance of top-ranking experts in the field of audio design), that our satin-finished nickle-chromium encased AS 212 Mk II is a respectable representative of the tradition of world acclaimed quality in Danish design and engineering excellence. This sounds very good indeed! But after all, isn't that what we're all aiming for - the best in sound.

AS 212 Mk II is delivered with standard audio cable which also can be used for CD-4 application on Ortofon's moving coil CD-4 cartridges. If you play CD-4 with magnetic cartridges a special cable can be supplied upon request.

Technical Data.

Total length	295 mm
Effective length (centre of arm base to stylus tip)	228 mm
Distance between centre of arm base and centre of turntable	212 mm
Optimum overhang	16 mm
Off-set angle	22.7°
Maximum tracking angle error	0.16°/cm
Effective mass (excl. cartridge) (depending on position of counterweight)	12-18 g
Pivot friction (measured at stylus tip)	
horizontal	<20 mg
vertical	<10 mg
Adjustable tracking force	
weight of cartridge 3 g:	0-20 mN (0-2 g)
weight of cartridge 8 g:	5-60 mN (0.5-6 g)
Range of adjustable height (centre of arm tube to mounting plate)	32-55 mm
Diameter of arm base	26.5 mm
Total weight	365 g

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