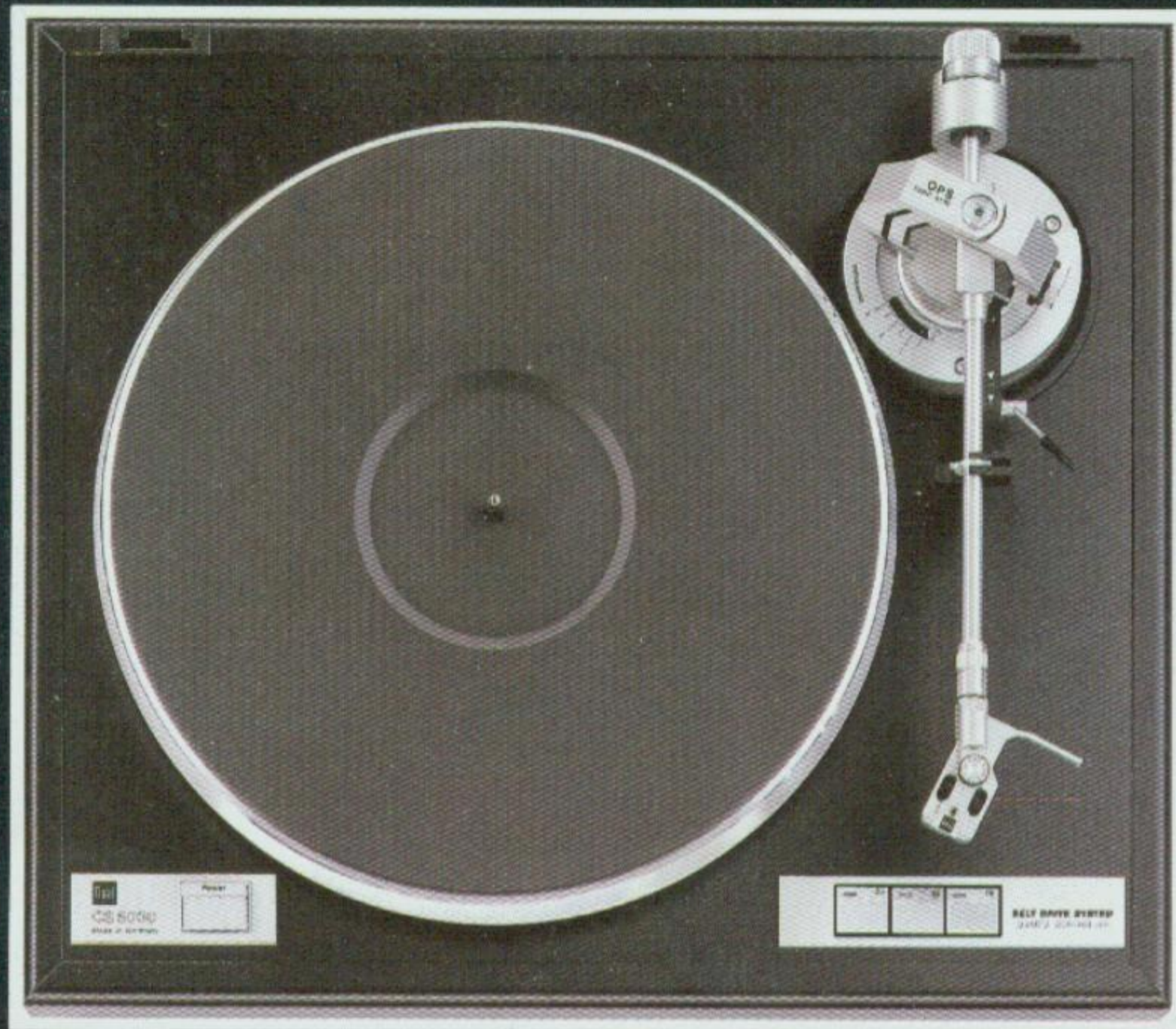


Dual

Audiophile Concept



Dual CS 5000

**Dual CS 5000
HiFi Turntable**

Judged on appearances alone, the CS 5000 will leave you with expectations of the highest possible musical enjoyment. The design of the solid wooden console and the high-tech design of the cartridge system underline the superior specifications of this turntable. Technically, these qualities can be summarized as follows:

Audiophile semi-automatic turntable with quartz-controlled belt drive.

The Dual CS 5000 offers a wide range of first-rate features. Experts regard this turntable as the ultimate in its class thanks to advanced electronics and innovative precision engineering.

The tonearm is suspended in a gyroscopic gimbal bearing – a technique that permits almost frictionless balance and freedom of movement in all directions.

The required tracking force is produced by means of a precision torsion spring. This force is always the same in magnitude and direction regardless of the position of the turntable.

The optimum pivot system (OPS) virtually eliminates wow and flutter caused by warped records.

The headshell is detachable. The 1/2" cartridge mounting is prepared for the installation of the most popular leading cartridges.

The VTA (Vertical Tracking Angle) technique is designed to optimize the reproduction quality of the chosen phono cartridge system.

The anti-skating force can be adjusted manually.

The full-size floating chassis offers effective damping by means of four adjustable shock-absorbing feet which can be adjusted to all kinds of disturbances.

The heavy vibration-damped platter made of die cast aluminum (1.5 kg) ensures distortion-free musical reproduction.

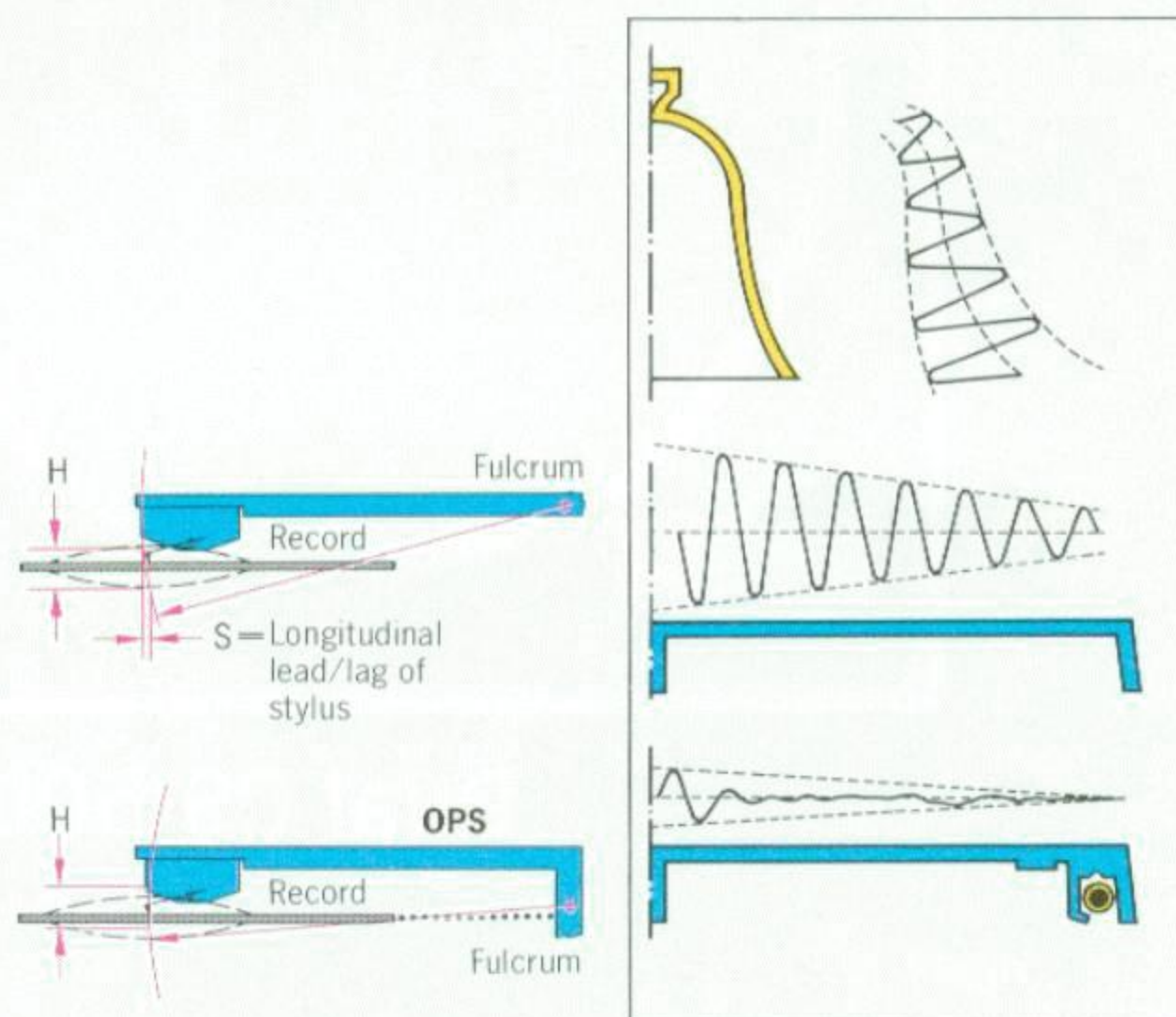
The platter's anti-resonance mat also ensures an extraordinarily clear sound with full, dry bass reproduction.

The motor speed is electronically synchronized with quartz precision by a micro-processor. Even the slightest deviation from the correct playing speed of the turntable is detected by sensitive sensors and corrected.

The turntable's playing speed can be set electronically: 33/45/78 rpm – and you can even play your precious shellack records.

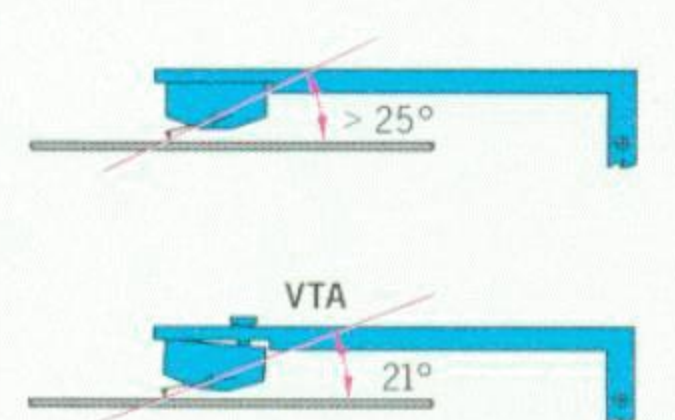
The viscosity-damped cueing device protects your records. At the end of the record the tonearm is lifted up automatically.

The stylus diamond is protected by this contact-free switch-off facility – an optical sensor monitors the tonearm without touching it and so prevents any undue stress to the tip of the stylus.

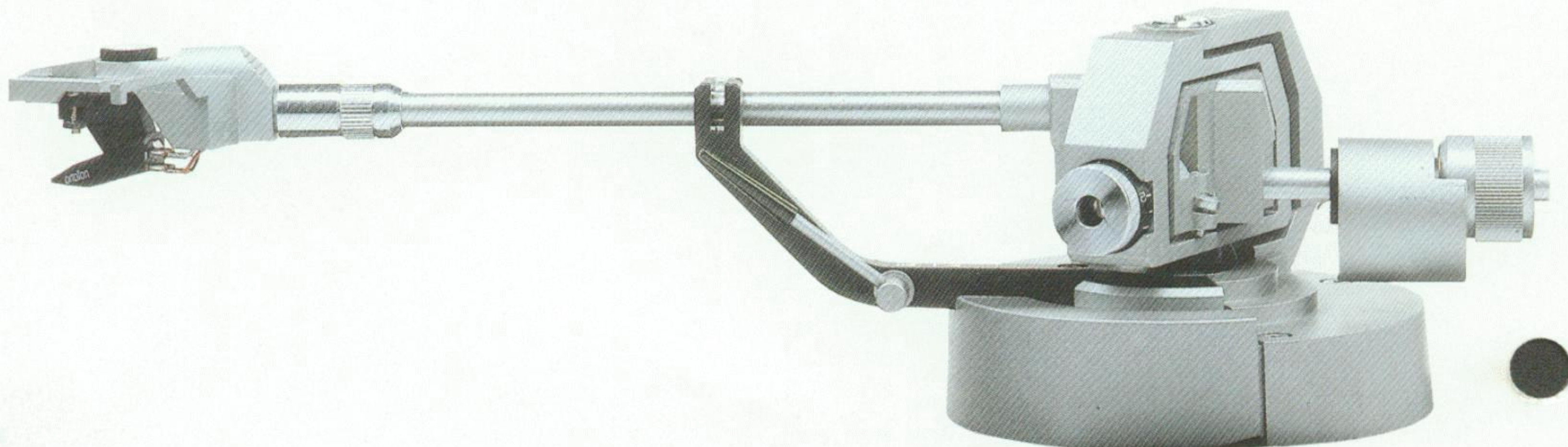


OPS sets the rotating point of the tonearm bearing at the height of the platter, minimizing acoustic feedback due to warped records.

The oscillogram demonstrates the close relationship between the resonance of a bell (A) and an undamped platter (B). Figure C shows, however, how the platter is damped effectively by means of a heavy metal ring covered by a plastic hose.



The VTA technique causes the entire cartridge to rotate around the point of the stylus. In this way all phono cartridge systems can be adjusted perfectly regardless of their height.





Dual CS 5000 comes in walnut finish or black.

HiFi Belt Drive Turntables**CS 5000**

Type of turntable	HiFi semi autom. turntable
Motor	Electr. DC quartz
Drive system	Belt
Speed rpm	33/45/78
Wow and flutter \pm % DIN/WRMS	0.025/0.015
Rumble dB	56
Signal-to-noise ratio	80
Cartridge system*	Ortofon OMB 20 E
Rated tracking force mN (10 mN = 1 p)	12.5
Frequency range (Hz)	10 - 28 000
Low freq. trackability (300 Hz) μ m	90
High freq. trackability (10 kHz) %	0.3
Dimensions (width x height x depth) mm	440 x 129 x 380
Mains voltage V	230 or 115
Mains frequency	50 or 60
Finish	wooden console with genuine veneer walnut or black

* May differ in your country