

Philips Direct Con

**Better than belt.
Better than direct.**

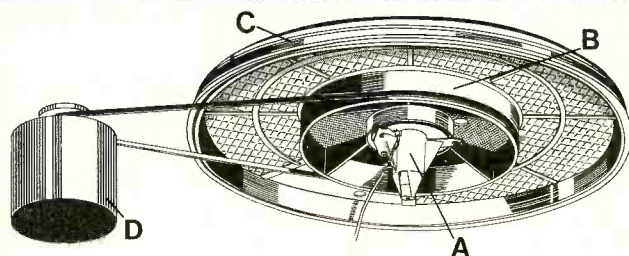
What's better than belt and direct drive? The best of both in one turntable. The specs of direct drive with the acoustic and mechanical isolation of a belt drive. Until now, unheard of. But now you can hear it all on Philips' exclusive, new Direct Control turntables.

How did Philips do it? The way you'd expect a worldwide leader in electronics to do it – with the world's best electronic technology.

PHILIPS' EXCLUSIVE DIRECT CONTROL ELECTRONIC DRIVE SYSTEM.

In all Philips Direct Control turntables a mini-computer at the driving disc constantly checks and re-checks the platter speed. Instantly correcting for any variations in line voltage, frequency, pressure on the platter, temperature – even belt slippage.

That's how all Philips Direct Control turntables keep the speed constant and accurate.



A 160 pole tachometer (A) at the driving disc (B) electronically monitors the platter's (C) rate of rotation. The tachometer's d.c. signal is continuously compared to a stable d.c. reference signal. Any variations (+ or -) and the tachometer (A) instantly accelerates or slows the separate d.c. motor (D). Direct Control actually puts the driving disc into the electronic feedback loop for excellent speed stability.

DIRECT CONTROL FREE-FLOATING SUBCHASSIS. Specially designed to give Philips Direct Control turntables superb acoustic and mechanical isolation. To cushion the platter, the tonearm – and protect your valuable records – from unexpected jolts, shocks and knocks. And to keep the rumble remarkably low.

DIRECT CONTROL = TOTAL TURN-TABLE DESIGN. But Philips doesn't stop there. For us Direct Control is more than an exclusive new drive and suspension system – it's a completely new concept in total turntable design. Direct Control is specially designed straight, low mass, tubular aluminum tonearms, with very low friction bearings. To track even your most warped records accurately.

DIRECT CONTROL ELECTRONIC FEATURES. Direct Control means reliable electronic touch switches for silent, vibration-free operation. Accurate electronic pitch controls. Digital and LED indicators to monitor platter speed and identify functions. And photo-electronic sensors to initiate the automatic tonearm return.

CIRCLE NO 52 ON READER SERVICE CARD

hi
fi

HIGH FIDELITY INTERNATIONAL

Control:

DIRECT CONTROL RECORD PROTECTION. Philips even built in an accurate stylus pressure gauge, to keep the pressure off your valuable record collection. Nobody ever thought of that before. But Philips thinks of everything.

ALL AT A PRICE THAT'S WELL UNDER CONTROL. Philips' exclusive Direct Control turntables – the new state-of-the-art – from \$160 to \$250. With Quartz Control, \$400.

By joining our European research facilities with our American know-how, Philips produces a full line of audio equipment high on performance and value. That's what sets us apart from the competition. Here and around the world.

**EVERYONE WHO KNOWS, KNOWS
PHILIPS**

High Fidelity Laboratories, Ltd.

	WOW & FLUTTER ¹	RUMBLE	PRICE
AF 977	0.025% (WRMS)	- 73dB (DIN B)	\$399.95*
AF 877	0.03% (WRMS)	- 70dB (DIN B)	\$249.95*
AF 867	0.05% (WRMS)	- 65dB (DIN B)	\$219.95*
AF 777	0.05% (WRMS)	- 65dB (DIN B)	\$189.95*
AF 677	0.05% (WRMS)	- 65dB (DIN B)	\$159.95*

*Suggested retail prices optional with dealers.

QUARTZ PLL

○ SPHERICAL
○ ELLIPT/CD 4

ANTI-SKATING

ON

OFF

QUARTZ

33.3

STYLUS FORCE

0.5 1 1.5 2 2.5 3

PITCH CONTROL

33 ON 45

STOP

START